

**Appendix A****Power Distribution Monitoring Factors**

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TABLE A-1

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4187	* 0.4836	* 0.5652	* 0.4958	* 0.5559	* 0.4741	* 0.4838	* 0.2880
	* 4.0157	* 3.9606	* 3.3762	* 3.7381	* 3.3062	* 3.8529	* 3.7391	* 5.7476
9	* 0.4836	* 0.5424	* 0.4946	* 0.5598	* 0.4932	* 0.4730	* 0.4826	* 0.2819
	* 3.9606	* 3.5500	* 3.8346	* 3.3566	* 3.7698	* 3.8875	* 3.7679	* 5.8432
10	* 0.5652	* 0.4947	* 0.5173	* 0.5216	* 0.5609	* 0.4825	* 0.4760	* 0.2767
	* 3.3762	* 3.8338	* 3.6964	* 3.6551	* 3.4132	* 3.9469	* 3.9119	* 5.9968
11	* 0.4958	* 0.5596	* 0.5214	* 0.5694	* 0.5064	* 0.5205	* 0.4498	* 0.2327
	* 3.7381	* 3.3576	* 3.6559	* 3.3411	* 3.7075	* 3.5952	* 4.2248	* 7.4343
12	* 0.5559	* 0.4930	* 0.5605	* 0.5062	* 0.4425	* 0.4375	* 0.3203	
	* 3.3062	* 3.7713	* 3.4162	* 3.7104	* 3.9893	* 4.0239	* 5.3186	
13	* 0.4741	* 0.4726	* 0.4819	* 0.5195	* 0.4358	* 0.3504	* 0.1861	
	* 3.8528	* 3.8903	* 3.9490	* 3.6032	* 4.0416	* 4.8814	* 8.8579	
14	* 0.4838	* 0.4825	* 0.4756	* 0.4491	* 0.3191	* 0.1809		
	* 3.7391	* 3.7681	* 3.9131	* 4.2326	* 5.3403	* 9.1135		
15	* 0.2880	* 0.2824	* 0.2768	* 0.2323	F-SUB-Q			
	* 5.7476	* 5.8277	* 5.9939	* 7.4402	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9393	* 1.0661	* 1.2877	* 1.0348	* 1.2861	* 1.0133	* 1.2111	* 0.6587
	* 1.9714	* 1.8291	* 1.5060	* 1.8289	* 1.4609	* 1.8406	* 1.5270	* 2.5703
9	* 1.0661	* 1.2260	* 1.0384	* 1.2157	* 1.0334	* 1.0963	* 1.2143	* 0.6508
	* 1.8291	* 1.5922	* 1.8660	* 1.5771	* 1.8291	* 1.7120	* 1.5307	* 2.5880
10	* 1.2877	* 1.0388	* 1.1906	* 1.1742	* 1.2319	* 1.0738	* 1.2016	* 0.6320
	* 1.5060	* 1.8652	* 1.6318	* 1.6549	* 1.5825	* 1.8026	* 1.5814	* 2.6837
11	* 1.0348	* 1.2153	* 1.1739	* 1.2487	* 1.1570	* 1.2453	* 1.1357	* 0.5300
	* 1.8289	* 1.5775	* 1.6551	* 1.5443	* 1.6544	* 1.5323	* 1.6898	* 3.3325
12	* 1.2861	* 1.0330	* 1.2310	* 1.1562	* 1.0377	* 1.0900	* 0.7369	
	* 1.4609	* 1.8297	* 1.5839	* 1.6559	* 1.7445	* 1.6889	* 2.3601	
13	* 1.0133	* 1.0954	* 1.0726	* 1.2430	* 1.0834	* 0.5721	* 0.4605	
	* 1.8406	* 1.7133	* 1.8054	* 1.5355	* 1.7000	* 3.1705	* 3.6695	
14	* 1.2111	* 1.2141	* 1.2010	* 1.1338	* 0.7342	* 0.4410		
	* 1.5270	* 1.5307	* 1.5819	* 1.6933	* 2.3695	* 3.8312		
15	* 0.6587	* 0.6523	* 0.6321	* 0.5290	F-SUB-Q			
	* 2.5703	* 2.5817	* 2.6821	* 3.3351	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1659	* 1.2407	* 1.2811	* 1.2045	* 1.3550	* 1.2223	* 1.3434	* 0.7675
	* 1.6788	* 1.5985	* 1.5437	* 1.5961	* 1.3999	* 1.5497	* 1.4003	* 2.2435
9	* 1.2407	* 1.3998	* 1.2413	* 1.3922	* 1.2221	* 1.3241	* 1.3712	* 0.7709
	* 1.5985	* 1.4272	* 1.5909	* 1.4130	* 1.5642	* 1.4396	* 1.3814	* 2.2190
10	* 1.2811	* 1.2420	* 1.4332	* 1.3848	* 1.3813	* 1.2789	* 1.3547	* 0.7466
	* 1.5437	* 1.5898	* 1.3806	* 1.4271	* 1.4242	* 1.5230	* 1.4286	* 2.3074
11	* 1.2045	* 1.3923	* 1.3848	* 1.3946	* 1.3657	* 1.3286	* 1.3284	* 0.6418
	* 1.5961	* 1.4128	* 1.4271	* 1.4138	* 1.4127	* 1.4647	* 1.4642	* 2.7950
12	* 1.3550	* 1.2215	* 1.3804	* 1.3641	* 1.3043	* 1.3402	* 0.8852	
	* 1.3999	* 1.5648	* 1.4254	* 1.4144	* 1.4634	* 1.4233	* 2.0026	
13	* 1.2223	* 1.3230	* 1.2779	* 1.3263	* 1.3313	* 0.7280	* 0.5736	
	* 1.5497	* 1.4407	* 1.5236	* 1.4688	* 1.4332	* 2.5714	* 3.0146	
14	* 1.3434	* 1.3709	* 1.3536	* 1.3256	* 0.8816	* 0.5436		
	* 1.4003	* 1.3815	* 1.4290	* 1.4677	* 2.0113	* 3.1807		
15	* 0.7675	* 0.7726	* 0.7468	* 0.6405	F-SUB-Q			
	* 2.2435	* 2.2128	* 2.3059	* 2.7975	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2807	* 1.3452	* 1.4053	* 1.2989	* 1.5112	* 1.3452	* 1.5060	* 0.8176
	* 1.5643	* 1.4963	* 1.4398	* 1.5050	* 1.2750	* 1.4303	* 1.2686	* 2.1397
9	* 1.3452	* 1.5589	* 1.3565	* 1.5438	* 1.3369	* 1.4692	* 1.5421	* 0.8249
	* 1.4963	* 1.3041	* 1.4829	* 1.2951	* 1.4525	* 1.3173	* 1.2479	* 2.1089
10	* 1.4053	* 1.3577	* 1.5817	* 1.5189	* 1.5289	* 1.4139	* 1.5255	* 0.7954
	* 1.4398	* 1.4814	* 1.2711	* 1.3215	* 1.3093	* 1.3930	* 1.2873	* 2.1988
11	* 1.2989	* 1.5440	* 1.5189	* 1.5476	* 1.5199	* 1.4859	* 1.4968	* 0.6901
	* 1.5050	* 1.2948	* 1.3214	* 1.2884	* 1.2962	* 1.3328	* 1.3226	* 2.6390
12	* 1.5112	* 1.3363	* 1.5275	* 1.5178	* 1.4551	* 1.5150	* 0.9483	
	* 1.2750	* 1.4531	* 1.3106	* 1.2985	* 1.3423	* 1.2882	* 1.9078	
13	* 1.3452	* 1.4678	* 1.4127	* 1.4829	* 1.5041	* 0.8371	* 0.6229	
	* 1.4303	* 1.3184	* 1.3936	* 1.3374	* 1.2979	* 2.2925	* 2.8401	
14	* 1.5060	* 1.5416	* 1.5241	* 1.4933	* 0.9441	* 0.5888		
	* 1.2686	* 1.2480	* 1.2878	* 1.3261	* 1.9168	* 3.0049		
15	* 0.8176	* 0.8267	* 0.7956	* 0.6887	F-SUB-Q			
	* 2.1397	* 2.1022	* 2.1974	* 2.6414	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3264	* 1.3953	* 1.4684	* 1.3445	* 1.5909	* 1.4028	* 1.5920	* 0.8519
	* 1.5449	* 1.4743	* 1.4060	* 1.4799	* 1.2335	* 1.3971	* 1.2216	* 2.0917
9	* 1.3953	* 1.6316	* 1.4060	* 1.6153	* 1.3904	* 1.5362	* 1.6359	* 0.8584
	* 1.4743	* 1.2698	* 1.4575	* 1.2600	* 1.4225	* 1.2825	* 1.1974	* 2.0642
10	* 1.4684	* 1.4074	* 1.6454	* 1.5783	* 1.6105	* 1.4833	* 1.6213	* 0.8277
	* 1.4060	* 1.4558	* 1.2438	* 1.2938	* 1.2690	* 1.3505	* 1.2320	* 2.1506
11	* 1.3445	* 1.6157	* 1.5783	* 1.6228	* 1.5999	* 1.5739	* 1.5966	* 0.7226
	* 1.4799	* 1.2596	* 1.2937	* 1.2446	* 1.2578	* 1.2833	* 1.2656	* 2.5628
12	* 1.5909	* 1.3898	* 1.6089	* 1.5974	* 1.5279	* 1.6112	* 1.0009	
	* 1.2335	* 1.4231	* 1.2704	* 1.2603	* 1.3073	* 1.2388	* 1.8481	
13	* 1.4028	* 1.5346	* 1.4819	* 1.5704	* 1.5986	* 0.8935	* 0.6541	
	* 1.3971	* 1.2837	* 1.3513	* 1.2883	* 1.2490	* 2.2013	* 2.7714	
14	* 1.5920	* 1.6353	* 1.6196	* 1.5924	* 0.9961	* 0.6173		
	* 1.2216	* 1.1976	* 1.2326	* 1.2693	* 1.8574	* 2.9366		
15	* 0.8519	* 0.8601	* 0.8279	* 0.7210	* F-SUB-Q			
	* 2.0917	* 2.0575	* 2.1493	* 2.5655	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3491	* 1.4221	* 1.5013	* 1.3717	* 1.6343	* 1.4355	* 1.6412	* 0.8764
	* 1.5483	* 1.4747	* 1.4031	* 1.4812	* 1.2263	* 1.3943	* 1.2097	* 2.0766
9	* 1.4221	* 1.6686	* 1.4326	* 1.6526	* 1.4208	* 1.5743	* 1.6917	* 0.8815
	* 1.4747	* 1.2599	* 1.4585	* 1.2556	* 1.4214	* 1.2773	* 1.1809	* 2.0527
10	* 1.5013	* 1.4342	* 1.6805	* 1.6113	* 1.6579	* 1.5257	* 1.6797	* 0.8520
	* 1.4031	* 1.4566	* 1.2411	* 1.2909	* 1.2546	* 1.3377	* 1.2120	* 2.1314
11	* 1.3717	* 1.6530	* 1.6113	* 1.6726	* 1.6496	* 1.6271	* 1.6589	* 0.7464
	* 1.4812	* 1.2552	* 1.2908	* 1.2316	* 1.2460	* 1.2656	* 1.2400	* 2.5252
12	* 1.6343	* 1.4200	* 1.6560	* 1.6468	* 1.5718	* 1.6689	* 1.0412	
	* 1.2263	* 1.4220	* 1.2571	* 1.2486	* 1.2992	* 1.2232	* 1.8145	
13	* 1.4355	* 1.5724	* 1.5240	* 1.6231	* 1.6551	* 0.9255	* 0.6761	
	* 1.3943	* 1.2786	* 1.3386	* 1.2708	* 1.2339	* 2.1787	* 2.7478	
14	* 1.6412	* 1.6909	* 1.6776	* 1.6542	* 1.0360	* 0.6373		
	* 1.2097	* 1.1812	* 1.2127	* 1.2438	* 1.8240	* 2.9151		
15	* 0.8764	* 0.8831	* 0.8521	* 0.7446	* F-SUB-Q			
	* 2.0766	* 2.0459	* 2.1302	* 2.5285	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3734	* 1.4511	* 1.5392	* 1.3986	* 1.6817	* 1.4688	* 1.6945	* 0.8905
	* 1.5484	* 1.4706	* 1.3881	* 1.4876	* 1.2211	* 1.3964	* 1.2001	* 2.0940
9	* 1.4511	* 1.7118	* 1.4611	* 1.6958	* 1.4517	* 1.6153	* 1.7495	* 0.8959
	* 1.4706	* 1.2472	* 1.4601	* 1.2494	* 1.4246	* 1.2752	* 1.1680	* 2.0689
10	* 1.5392	* 1.4628	* 1.7194	* 1.6480	* 1.7088	* 1.5690	* 1.7397	* 0.8632
	* 1.3881	* 1.4580	* 1.2371	* 1.2873	* 1.2322	* 1.3276	* 1.1937	* 2.1513
11	* 1.3986	* 1.6963	* 1.6481	* 1.7277	* 1.7004	* 1.6845	* 1.7218	* 0.7587
	* 1.4876	* 1.2490	* 1.2873	* 1.2171	* 1.2339	* 1.2453	* 1.2111	* 2.5265
12	* 1.6817	* 1.4509	* 1.7068	* 1.6973	* 1.6177	* 1.7283	* 1.0596	
	* 1.2211	* 1.4252	* 1.2353	* 1.2367	* 1.2913	* 1.2085	* 1.8167	
13	* 1.4688	* 1.6132	* 1.5672	* 1.6793	* 1.7134	* 0.9554	* 0.6860	
	* 1.3964	* 1.2766	* 1.3288	* 1.2505	* 1.2193	* 2.1608	* 2.7727	
14	* 1.6945	* 1.7487	* 1.7374	* 1.7165	* 1.0540	* 0.6451		
	* 1.2001	* 1.1683	* 1.1949	* 1.2150	* 1.8264	* 2.9485		
15	* 0.8905	* 0.8976	* 0.8633	* 0.7568	F-SUB-Q			
	* 2.0940	* 2.0628	* 2.1502	* 2.5308	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3865	* 1.4674	* 1.5598	* 1.4141	* 1.7100	* 1.4892	* 1.7277	* 0.9009
	* 1.5664	* 1.4861	* 1.4009	* 1.5107	* 1.2345	* 1.4160	* 1.2096	* 2.1273
9	* 1.4674	* 1.7362	* 1.4775	* 1.7204	* 1.4701	* 1.6410	* 1.7872	* 0.9062
	* 1.4861	* 1.2548	* 1.4724	* 1.2574	* 1.4447	* 1.2895	* 1.1730	* 2.1007
10	* 1.5598	* 1.4795	* 1.7437	* 1.6705	* 1.7429	* 1.5974	* 1.7795	* 0.8726
	* 1.4009	* 1.4704	* 1.2428	* 1.2942	* 1.2339	* 1.3328	* 1.1914	* 2.1819
11	* 1.4141	* 1.7210	* 1.6705	* 1.7627	* 1.7345	* 1.7219	* 1.7639	* 0.7686
	* 1.5107	* 1.2569	* 1.2942	* 1.2159	* 1.2327	* 1.2424	* 1.2075	* 2.5371
12	* 1.7100	* 1.4693	* 1.7384	* 1.7311	* 1.6475	* 1.7664	* 1.0760	
	* 1.2345	* 1.4454	* 1.2373	* 1.2357	* 1.2916	* 1.2039	* 1.8238	
13	* 1.4892	* 1.6387	* 1.5953	* 1.7154	* 1.7506	* 0.9742	* 0.6938	
	* 1.4160	* 1.2910	* 1.3343	* 1.2480	* 1.2151	* 2.1589	* 2.7870	
14	* 1.7277	* 1.7862	* 1.7769	* 1.7581	* 1.0701	* 0.6515		
	* 1.2096	* 1.1734	* 1.1929	* 1.2116	* 1.8340	* 2.9680		
15	* 0.9009	* 0.9079	* 0.8726	* 0.7665	F-SUB-Q			
	* 2.1273	* 2.0955	* 2.1810	* 2.5420	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3988	* 1.4826	* 1.5810	* 1.4276	* 1.7384	* 1.5077	* 1.7601	* 0.9073
	* 1.6055	* 1.5118	* 1.4134	* 1.5417	* 1.2529	* 1.4432	* 1.2249	* 2.1786
9	* 1.4826	* 1.7615	* 1.4929	* 1.7456	* 1.4868	* 1.6652	* 1.8232	* 0.9128
	* 1.5118	* 1.2652	* 1.4924	* 1.2708	* 1.4723	* 1.3102	* 1.1840	* 2.1487
10	* 1.5810	* 1.4950	* 1.7677	* 1.6921	* 1.7761	* 1.6234	* 1.8172	* 0.8782
	* 1.4134	* 1.4903	* 1.2564	* 1.3094	* 1.2435	* 1.3453	* 1.1961	* 2.2317
11	* 1.4276	* 1.7462	* 1.6921	* 1.7965	* 1.7665	* 1.7578	* 1.8032	* 0.7740
	* 1.5417	* 1.2704	* 1.3094	* 1.2293	* 1.2478	* 1.2535	* 1.2116	* 2.5779
12	* 1.7384	* 1.4859	* 1.7713	* 1.7625	* 1.6748	* 1.8025	* 1.0834	
	* 1.2529	* 1.4730	* 1.2468	* 1.2509	* 1.3124	* 1.2163	* 1.8647	
13	* 1.5077	* 1.6628	* 1.6211	* 1.7502	* 1.7859	* 0.9912	* 0.6976	
	* 1.4432	* 1.3117	* 1.3470	* 1.2594	* 1.2278	* 2.1871	* 2.8525	
14	* 1.7601	* 1.8221	* 1.8143	* 1.7968	* 1.0772	* 0.6539		
	* 1.2249	* 1.1845	* 1.1978	* 1.2156	* 1.8754	* 3.0432		
15	* 0.9073	* 0.9145	* 0.8776	* 0.7718	* F-SUB-Q			
	* 2.1786	* 2.1441	* 2.2309	* 2.5833	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3882	* 1.4722	* 1.5642	* 1.4193	* 1.7246	* 1.5003	* 1.7496	* 0.9152
	* 1.6636	* 1.5633	* 1.4695	* 1.6038	* 1.3081	* 1.5023	* 1.2761	* 2.2359
9	* 1.4722	* 1.7444	* 1.4833	* 1.7299	* 1.4788	* 1.6586	* 1.8177	* 0.9192
	* 1.5633	* 1.3161	* 1.5484	* 1.3227	* 1.5316	* 1.3614	* 1.2279	* 2.2082
10	* 1.5642	* 1.4854	* 1.7594	* 1.6831	* 1.7675	* 1.6200	* 1.8132	* 0.8891
	* 1.4695	* 1.5461	* 1.3018	* 1.3574	* 1.2831	* 1.3910	* 1.2363	* 2.2749
11	* 1.4193	* 1.7306	* 1.6831	* 1.7897	* 1.7648	* 1.7516	* 1.8005	* 0.7840
	* 1.6038	* 1.3222	* 1.3574	* 1.2725	* 1.2893	* 1.2945	* 1.2461	* 2.6207
12	* 1.7246	* 1.4779	* 1.7624	* 1.7607	* 1.6707	* 1.7965	* 1.1051	
	* 1.3081	* 1.5324	* 1.2866	* 1.2926	* 1.3619	* 1.2622	* 1.8803	
13	* 1.5003	* 1.6561	* 1.6176	* 1.7433	* 1.7792	* 0.9836	* 0.7052	
	* 1.5023	* 1.3631	* 1.3929	* 1.2994	* 1.2745	* 2.2868	* 2.9178	
14	* 1.7496	* 1.8165	* 1.8101	* 1.7938	* 1.0986	* 0.6615		
	* 1.2761	* 1.2285	* 1.2382	* 1.2505	* 1.8909	* 3.1104		
15	* 0.9152	* 0.9202	* 0.8890	* 0.7816	* F-SUB-Q			
	* 2.2359	* 2.2039	* 2.2743	* 2.6268	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4010	* 1.4883	* 1.5911	* 1.4319	* 1.7586	* 1.5191	* 1.7882	* 0.9127
	* 1.7046	* 1.6006	* 1.4961	* 1.6505	* 1.3338	* 1.5429	* 1.2979	* 2.3287
9	* 1.4883	* 1.7765	* 1.4994	* 1.7613	* 1.4954	* 1.6843	* 1.8586	* 0.9178
	* 1.6006	* 1.3394	* 1.5881	* 1.3469	* 1.5735	* 1.3907	* 1.2468	* 2.2944
10	* 1.5911	* 1.5017	* 1.7856	* 1.7068	* 1.8058	* 1.6469	* 1.8557	* 0.8829
	* 1.4961	* 1.5857	* 1.3303	* 1.3878	* 1.2996	* 1.4179	* 1.2515	* 2.3748
11	* 1.4319	* 1.7620	* 1.7068	* 1.8280	* 1.7988	* 1.7928	* 1.8443	* 0.7799
	* 1.6505	* 1.3463	* 1.3878	* 1.2866	* 1.3065	* 1.3072	* 1.2588	* 2.7277
12	* 1.7586	* 1.4945	* 1.8003	* 1.7939	* 1.6994	* 1.8373	* 1.0968	
	* 1.3338	* 1.5743	* 1.3034	* 1.3101	* 1.3817	* 1.2731	* 1.9557	
13	* 1.5191	* 1.6815	* 1.6443	* 1.7837	* 1.8193	* 1.0027	* 0.6998	
	* 1.5429	* 1.3925	* 1.4199	* 1.3137	* 1.2856	* 2.3102	* 3.0254	
14	* 1.7882	* 1.8573	* 1.8524	* 1.8372	* 1.0901	* 0.6545	*	
	* 1.2979	* 1.2474	* 1.2534	* 1.2634	* 1.9672	* 3.2345	*	
15	* 0.9127	* 0.9191	* 0.8822	* 0.7774	* F-SUB-Q			
	* 2.3287	* 2.2900	* 2.3760	* 2.7339	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3973	* 1.4860	* 1.5907	* 1.4291	* 1.7626	* 1.5194	* 1.7958	* 0.9118
	* 1.7410	* 1.6347	* 1.5243	* 1.6898	* 1.3703	* 1.5892	* 1.3452	* 2.4270
9	* 1.4860	* 1.7779	* 1.4975	* 1.7628	* 1.4943	* 1.6874	* 1.8695	* 0.9170
	* 1.6347	* 1.3656	* 1.6208	* 1.3769	* 1.6180	* 1.4377	* 1.2909	* 2.3894
10	* 1.5907	* 1.4999	* 1.7882	* 1.7078	* 1.8138	* 1.6524	* 1.8682	* 0.8821
	* 1.5243	* 1.6181	* 1.3607	* 1.4246	* 1.3453	* 1.4699	* 1.2925	* 2.4710
11	* 1.4291	* 1.7636	* 1.7078	* 1.8367	* 1.8081	* 1.8037	* 1.8583	* 0.7800
	* 1.6898	* 1.3763	* 1.4245	* 1.3303	* 1.3507	* 1.3505	* 1.2989	* 2.8292
12	* 1.7626	* 1.4934	* 1.8080	* 1.8029	* 1.7051	* 1.8476	* 1.0994	*
	* 1.3703	* 1.6188	* 1.3494	* 1.3545	* 1.4305	* 1.3144	* 2.0257	*
13	* 1.5194	* 1.6844	* 1.6496	* 1.7942	* 1.8290	* 1.0062	* 0.6988	*
	* 1.5892	* 1.4400	* 1.4721	* 1.3574	* 1.3276	* 2.3888	* 3.1399	*
14	* 1.7958	* 1.8681	* 1.8646	* 1.8508	* 1.0925	* 0.6529	*	
	* 1.3452	* 1.2917	* 1.2946	* 1.3038	* 2.0378	* 3.3601	*	
15	* 0.9118	* 0.9181	* 0.8812	* 0.7774	* F-SUB-Q			
	* 2.4270	* 2.3859	* 2.4723	* 2.8359	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3787	* 1.4670	* 1.5659	* 1.4117	* 1.7389	* 1.5025	* 1.7752	* 0.9115
	* 1.7257	* 1.6141	* 1.5093	* 1.6664	* 1.3535	* 1.5662	* 1.3262	* 2.3749
9	* 1.4670	* 1.7518	* 1.4791	* 1.7377	* 1.4770	* 1.6703	* 1.8531	* 0.9154
	* 1.6141	* 1.3511	* 1.5994	* 1.3618	* 1.5950	* 1.4158	* 1.2753	* 2.3459
10	* 1.5659	* 1.4816	* 1.7691	* 1.6885	* 1.7948	* 1.6388	* 1.8533	* 0.8837
	* 1.5093	* 1.5968	* 1.3411	* 1.4053	* 1.3271	* 1.4461	* 1.2798	* 2.4195
11	* 1.4117	* 1.7385	* 1.6885	* 1.8191	* 1.7952	* 1.7870	* 1.8446	* 0.7825
	* 1.6664	* 1.3611	* 1.4052	* 1.3186	* 1.3393	* 1.3390	* 1.2920	* 2.7768
12	* 1.7389	* 1.4761	* 1.7888	* 1.7899	* 1.6902	* 1.8307	* 1.1085	
	* 1.3535	* 1.5959	* 1.3312	* 1.3425	* 1.4263	* 1.3120	* 1.9834	
13	* 1.5025	* 1.6673	* 1.6358	* 1.7772	* 1.8115	* 0.9928	* 0.6993	
	* 1.5662	* 1.4182	* 1.4484	* 1.3436	* 1.3253	* 2.4093	* 3.1281	
14	* 1.7752	* 1.8516	* 1.8496	* 1.8368	* 1.1013	* 0.6536		
	* 1.3262	* 1.2761	* 1.2821	* 1.2970	* 1.9956	* 3.3452		
15	* 0.9115	* 0.9163	* 0.8835	* 0.7798	F-SUB-Q			
	* 2.3749	* 2.3429	* 2.4195	* 2.7845	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3793	* 1.4701	* 1.5783	* 1.4113	* 1.7562	* 1.5075	* 1.7976	* 0.9013
	* 1.6821	* 1.5678	* 1.4570	* 1.6220	* 1.3067	* 1.5219	* 1.2780	* 2.3330
9	* 1.4701	* 1.7677	* 1.4821	* 1.7531	* 1.4799	* 1.6804	* 1.8774	* 0.9061
	* 1.5678	* 1.3044	* 1.5547	* 1.3157	* 1.5514	* 1.3737	* 1.2292	* 2.3034
10	* 1.5783	* 1.4848	* 1.7792	* 1.6967	* 1.8166	* 1.6509	* 1.8793	* 0.8712
	* 1.4570	* 1.5520	* 1.3015	* 1.3649	* 1.2801	* 1.4015	* 1.2326	* 2.3878
11	* 1.4113	* 1.7540	* 1.6967	* 1.8409	* 1.8130	* 1.8119	* 1.8724	* 0.7720
	* 1.6220	* 1.3150	* 1.3648	* 1.2719	* 1.2943	* 1.2893	* 1.2422	* 2.7349
12	* 1.7562	* 1.4790	* 1.8103	* 1.8074	* 1.7033	* 1.8552	* 1.0908	
	* 1.3067	* 1.5522	* 1.2842	* 1.2981	* 1.3811	* 1.2632	* 1.9638	
13	* 1.5075	* 1.6772	* 1.6478	* 1.8016	* 1.8354	* 1.0023	* 0.6876	
	* 1.5219	* 1.3761	* 1.4038	* 1.2942	* 1.2763	* 2.3252	* 3.0857	
14	* 1.7976	* 1.8757	* 1.8754	* 1.8642	* 1.0835	* 0.6407		
	* 1.2780	* 1.2301	* 1.2348	* 1.2473	* 1.9760	* 3.3092		
15	* 0.9013	* 0.9069	* 0.8703	* 0.7692	F-SUB-Q			
	* 2.3330	* 2.2993	* 2.3895	* 2.7423	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3673	* 1.4594	* 1.5699	* 1.3994	* 1.7503	* 1.4983	* 1.7957	* 0.8919
	* 1.6266	* 1.5139	* 1.4042	* 1.5683	* 1.2568	* 1.4680	* 1.2263	* 2.2610
9	* 1.4594	* 1.7601	* 1.4715	* 1.7453	* 1.4696	* 1.6728	* 1.8779	* 0.8968
	* 1.5139	* 1.2557	* 1.5011	* 1.2669	* 1.4978	* 1.3230	* 1.1784	* 2.2311
10	* 1.5699	* 1.4743	* 1.7708	* 1.6874	* 1.8146	* 1.6463	* 1.8815	* 0.8618
	* 1.4042	* 1.4982	* 1.2533	* 1.3157	* 1.2288	* 1.3476	* 1.1804	* 2.3136
11	* 1.3994	* 1.7463	* 1.6874	* 1.8392	* 1.8112	* 1.8129	* 1.8765	* 0.7639
	* 1.5683	* 1.2662	* 1.3156	* 1.2235	* 1.2467	* 1.2368	* 1.1887	* 2.6480
12	* 1.7503	* 1.4686	* 1.8080	* 1.8053	* 1.6984	* 1.8555	* 1.0796	
	* 1.2568	* 1.4986	* 1.2328	* 1.2503	* 1.3342	* 1.2137	* 1.8993	
13	* 1.4983	* 1.6695	* 1.6430	* 1.8021	* 1.8352	* 0.9996	* 0.6787	
	* 1.4680	* 1.3254	* 1.3499	* 1.2414	* 1.2263	* 2.2314	* 2.9916	
14	* 1.7957	* 1.8761	* 1.8774	* 1.8679	* 1.0722	* 0.6316		
	* 1.2263	* 1.1792	* 1.1827	* 1.1937	* 1.9115	* 3.2129		
15	* 0.8919	* 0.8976	* 0.8608	* 0.7613	* F-SUB-Q			
	* 2.2610	* 2.2276	* 2.3155	* 2.6548	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3483	* 1.4402	* 1.5499	* 1.3803	* 1.7309	* 1.4800	* 1.7787	* 0.8828
	* 1.5862	* 1.4752	* 1.3681	* 1.5296	* 1.2225	* 1.4295	* 1.1906	* 2.1980
9	* 1.4402	* 1.7393	* 1.4524	* 1.7249	* 1.4506	* 1.6549	* 1.8632	* 0.8871
	* 1.4752	* 1.2222	* 1.4626	* 1.2330	* 1.4595	* 1.2859	* 1.1414	* 2.1697
10	* 1.5499	* 1.4552	* 1.7519	* 1.6680	* 1.7982	* 1.6305	* 1.8681	* 0.8529
	* 1.3681	* 1.4597	* 1.2179	* 1.2799	* 1.1916	* 1.3077	* 1.1422	* 2.2482
11	* 1.3803	* 1.7258	* 1.6680	* 1.8237	* 1.7967	* 1.7985	* 1.8641	* 0.7573
	* 1.5296	* 1.2323	* 1.2798	* 1.1852	* 1.2068	* 1.1979	* 1.1489	* 2.5680
12	* 1.7309	* 1.4497	* 1.7914	* 1.7906	* 1.6819	* 1.8404	* 1.0737	
	* 1.2225	* 1.4603	* 1.1956	* 1.2106	* 1.2938	* 1.1748	* 1.8340	
13	* 1.4800	* 1.6515	* 1.6271	* 1.7875	* 1.8197	* 0.9876	* 0.6710	
	* 1.4295	* 1.2883	* 1.3101	* 1.2026	* 1.1874	* 2.1672	* 2.9056	
14	* 1.7787	* 1.8614	* 1.8638	* 1.8552	* 1.0662	* 0.6240		
	* 1.1906	* 1.1423	* 1.1445	* 1.1539	* 1.8462	* 3.1225		
15	* 0.8828	* 0.8879	* 0.8518	* 0.7543	* F-SUB-Q			
	* 2.1980	* 2.1672	* 2.2502	* 2.5758	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3196	* 1.4102	* 1.5137	* 1.3523	* 1.6930	* 1.4503	* 1.7418	* 0.8737
	* 1.6865	* 1.5690	* 1.4594	* 1.6274	* 1.3024	* 1.5200	* 1.2665	* 2.3154
9	* 1.4102	* 1.7001	* 1.4231	* 1.6863	* 1.4212	* 1.6229	* 1.8287	* 0.8770
	* 1.5690	* 1.3025	* 1.5547	* 1.3141	* 1.5522	* 1.3658	* 1.2107	* 2.2869
10	* 1.5137	* 1.4260	* 1.7186	* 1.6349	* 1.7620	* 1.6011	* 1.8346	* 0.8450
	* 1.4594	* 1.5516	* 1.2929	* 1.3601	* 1.2654	* 1.3864	* 1.2102	* 2.3623
11	* 1.3523	* 1.6873	* 1.6350	* 1.7887	* 1.7660	* 1.7643	* 1.8315	* 0.7518
	* 1.6274	* 1.3133	* 1.3600	* 1.2563	* 1.2759	* 1.2695	* 1.2157	* 2.6937
12	* 1.6930	* 1.4202	* 1.7552	* 1.7599	* 1.6506	* 1.8051	* 1.0713	
	* 1.3024	* 1.5532	* 1.2699	* 1.2801	* 1.3696	* 1.2445	* 1.9116	
13	* 1.4503	* 1.6194	* 1.5976	* 1.7531	* 1.7842	* 0.9664	* 0.6651	
	* 1.5200	* 1.3685	* 1.3891	* 1.2762	* 1.2585	* 2.3006	* 3.0483	
14	* 1.7418	* 1.8268	* 1.8302	* 1.8225	* 1.0636	* 0.6191		
	* 1.2665	* 1.2118	* 1.2128	* 1.2212	* 1.9247	* 3.2731		
15	* 0.8737	* 0.8778	* 0.8447	* 0.7487	* F-SUB-Q			
	* 2.3154	* 2.2844	* 2.3627	* 2.7026	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3090	* 1.4013	* 1.5141	* 1.3398	* 1.6948	* 1.4410	* 1.7466	* 0.8532
	* 1.6316	* 1.5200	* 1.4054	* 1.5853	* 1.2560	* 1.4778	* 1.2191	* 2.2914
9	* 1.4013	* 1.7026	* 1.4138	* 1.6880	* 1.4107	* 1.6163	* 1.8336	* 0.8574
	* 1.5200	* 1.2532	* 1.5089	* 1.2655	* 1.5101	* 1.3229	* 1.1642	* 2.2591
10	* 1.5141	* 1.4168	* 1.7145	* 1.6289	* 1.7657	* 1.5956	* 1.8405	* 0.8235
	* 1.4054	* 1.5057	* 1.2487	* 1.3154	* 1.2148	* 1.3409	* 1.1616	* 2.3411
11	* 1.3398	* 1.6891	* 1.6290	* 1.7924	* 1.7650	* 1.7703	* 1.8383	* 0.7316
	* 1.5853	* 1.2647	* 1.3153	* 1.2035	* 1.2248	* 1.2150	* 1.1641	* 2.6689
12	* 1.6948	* 1.4097	* 1.7588	* 1.7586	* 1.6458	* 1.8098	* 1.0381	
	* 1.2560	* 1.5111	* 1.2194	* 1.2290	* 1.3149	* 1.1903	* 1.8962	
13	* 1.4410	* 1.6128	* 1.5920	* 1.7588	* 1.7886	* 0.9654	* 0.6452	
	* 1.4778	* 1.3256	* 1.3436	* 1.2226	* 1.2039	* 2.2113	* 3.0255	
14	* 1.7466	* 1.8317	* 1.8359	* 1.8291	* 1.0305	* 0.5987		
	* 1.2191	* 1.1652	* 1.1642	* 1.1696	* 1.9096	* 3.2587		
15	* 0.8532	* 0.8582	* 0.8224	* 0.7286	* F-SUB-Q			
	* 2.2914	* 2.2567	* 2.3437	* 2.6780	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2828	* 1.3740	* 1.4858	* 1.3122	* 1.6637	* 1.4126	* 1.7156	* 0.8342
	* 1.5968	* 1.4905	* 1.3776	* 1.5577	* 1.2308	* 1.4502	* 1.1936	* 2.2565
9	* 1.3740	* 1.6732	* 1.3874	* 1.6588	* 1.3825	* 1.5869	* 1.8026	* 0.8382
	* 1.4905	* 1.2264	* 1.4788	* 1.2389	* 1.4823	* 1.2954	* 1.1379	* 2.2243
10	* 1.4858	* 1.3905	* 1.6872	* 1.6010	* 1.7346	* 1.5668	* 1.8095	* 0.8047
	* 1.3776	* 1.4756	* 1.2198	* 1.2868	* 1.1880	* 1.3122	* 1.1349	* 2.3052
11	* 1.3122	* 1.6598	* 1.6011	* 1.7626	* 1.7365	* 1.7403	* 1.8067	* 0.7147
	* 1.5577	* 1.2381	* 1.2867	* 1.1741	* 1.1936	* 1.1860	* 1.1370	* 2.6280
12	* 1.6637	* 1.3816	* 1.7276	* 1.7301	* 1.6165	* 1.7778	* 1.0151	
	* 1.2308	* 1.4833	* 1.1926	* 1.1978	* 1.2816	* 1.1615	* 1.8626	
13	* 1.4126	* 1.5834	* 1.5632	* 1.7288	* 1.7566	* 0.9440	* 0.6284	
	* 1.4502	* 1.2982	* 1.3151	* 1.1936	* 1.1752	* 2.1691	* 2.9851	
14	* 1.7156	* 1.8007	* 1.8050	* 1.7974	* 1.0076	* 0.5827		
	* 1.1936	* 1.1391	* 1.1376	* 1.1426	* 1.8761	* 3.2176		
15	* 0.8342	* 0.8389	* 0.8036	* 0.7117	* F-SUB-Q			
	* 2.2565	* 2.2220	* 2.3078	* 2.6374	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2385	* 1.3252	* 1.4232	* 1.2670	* 1.5928	* 1.3619	* 1.6410	* 0.8154
	* 1.5987	* 1.4944	* 1.3912	* 1.5610	* 1.2435	* 1.4551	* 1.2066	* 2.2349
9	* 1.3252	* 1.6051	* 1.3416	* 1.5924	* 1.3338	* 1.5307	* 1.7274	* 0.8182
	* 1.4944	* 1.2364	* 1.4786	* 1.2482	* 1.4865	* 1.2986	* 1.1476	* 2.2053
10	* 1.4232	* 1.3445	* 1.6327	* 1.5478	* 1.6614	* 1.5104	* 1.7332	* 0.7888
	* 1.3912	* 1.4754	* 1.2184	* 1.2868	* 1.1985	* 1.3156	* 1.1446	* 2.2754
11	* 1.2670	* 1.5935	* 1.5479	* 1.6924	* 1.6754	* 1.6665	* 1.7274	* 0.7000
	* 1.5610	* 1.2474	* 1.2867	* 1.1806	* 1.1939	* 1.1957	* 1.1481	* 2.5966
12	* 1.5928	* 1.3328	* 1.6546	* 1.6692	* 1.5587	* 1.7011	* 0.9998	
	* 1.2435	* 1.4875	* 1.2032	* 1.1982	* 1.2822	* 1.1716	* 1.8276	
13	* 1.3619	* 1.5273	* 1.5069	* 1.6554	* 1.6804	* 0.8969	* 0.6135	
	* 1.4551	* 1.3013	* 1.3185	* 1.2035	* 1.1858	* 2.2050	* 2.9577	
14	* 1.6410	* 1.7255	* 1.7287	* 1.7184	* 0.9923	* 0.5701		
	* 1.2066	* 1.1488	* 1.1474	* 1.1539	* 1.8411	* 3.1814		
15	* 0.8154	* 0.8189	* 0.7884	* 0.6969	* F-SUB-Q			
	* 2.2349	* 2.2031	* 2.2762	* 2.6064	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2066	* 1.2934	* 1.3898	* 1.2352	* 1.5492	* 1.3251	* 1.5944	* 0.7816
	* 1.5969	* 1.4899	* 1.3865	* 1.5586	* 1.2440	* 1.4552	* 1.2081	* 2.2711
9	* 1.2934	* 1.5674	* 1.3096	* 1.5556	* 1.2991	* 1.4925	* 1.6757	* 0.7847
	* 1.4899	* 1.2320	* 1.4743	* 1.2432	* 1.4852	* 1.2952	* 1.1502	* 2.2397
10	* 1.3898	* 1.3125	* 1.5996	* 1.5156	* 1.6166	* 1.4704	* 1.6802	* 0.7528
	* 1.3865	* 1.4712	* 1.2093	* 1.2782	* 1.1975	* 1.3139	* 1.1476	* 2.3223
11	* 1.2352	* 1.5566	* 1.5157	* 1.6477	* 1.6352	* 1.6207	* 1.6715	* 0.6654
	* 1.5586	* 1.2424	* 1.2781	* 1.1783	* 1.1880	* 1.1946	* 1.1529	* 2.6598
12	* 1.5492	* 1.2980	* 1.6101	* 1.6293	* 1.5208	* 1.6497	* 0.9472	
	* 1.2440	* 1.4862	* 1.2022	* 1.1923	* 1.2767	* 1.1739	* 1.8766	
13	* 1.3251	* 1.4892	* 1.4670	* 1.6100	* 1.6300	* 0.8607	* 0.5803	
	* 1.4552	* 1.2980	* 1.3168	* 1.2024	* 1.1879	* 2.2349	* 3.0453	
14	* 1.5944	* 1.6738	* 1.6759	* 1.6628	* 0.9401	* 0.5378		
	* 1.2081	* 1.1514	* 1.1505	* 1.1588	* 1.8905	* 3.2847		
15	* 0.7816	* 0.7853	* 0.7517	* 0.6625	* F-SUB-Q			
	* 2.2711	* 2.2376	* 2.3252	* 2.6699	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1245	* 1.2249	* 1.3100	* 1.1744	* 1.4384	* 1.2383	* 1.4777	* 0.7419
	* 1.6778	* 1.5398	* 1.4139	* 1.6049	* 1.3113	* 1.5243	* 1.2757	* 2.3451
9	* 1.2249	* 1.4533	* 1.2289	* 1.4485	* 1.2193	* 1.3896	* 1.5502	* 0.7412
	* 1.5398	* 1.3004	* 1.5379	* 1.3066	* 1.5489	* 1.3614	* 1.2163	* 2.3236
10	* 1.3100	* 1.2315	* 1.4939	* 1.4254	* 1.5099	* 1.3713	* 1.5539	* 0.7105
	* 1.4139	* 1.5347	* 1.2664	* 1.3295	* 1.2540	* 1.3781	* 1.2137	* 2.4112
11	* 1.1744	* 1.4494	* 1.4255	* 1.5334	* 1.5287	* 1.5109	* 1.5484	* 0.6215
	* 1.6049	* 1.3059	* 1.3294	* 1.2380	* 1.2421	* 1.2529	* 1.2171	* 2.7914
12	* 1.4384	* 1.2184	* 1.5050	* 1.5241	* 1.4207	* 1.5254	* 0.8914	
	* 1.3113	* 1.5500	* 1.2589	* 1.2458	* 1.3361	* 1.2415	* 1.9526	
13	* 1.2383	* 1.3865	* 1.3681	* 1.5013	* 1.5077	* 0.7786	* 0.5370	
	* 1.5243	* 1.3644	* 1.3812	* 1.2606	* 1.2560	* 2.4204	* 3.2268	
14	* 1.4777	* 1.5485	* 1.5499	* 1.5405	* 0.8847	* 0.4966		
	* 1.2757	* 1.2176	* 1.2167	* 1.2233	* 1.9670	* 3.4885		
15	* 0.7419	* 0.7425	* 0.7095	* 0.6187	* F-SUB-Q			
	* 2.3451	* 2.3193	* 2.4143	* 2.8024	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9171	* 1.0453	* 1.3118	* 1.0025	* 1.3499	* 1.0185	* 1.3381	* 0.6462
	* 2.0263	* 1.7765	* 1.4139	* 1.8515	* 1.3740	* 1.8234	* 1.3855	* 2.6554
9	* 1.0453	* 1.2619	* 1.0183	* 1.2496	* 1.0180	* 1.1386	* 1.3725	* 0.6302
	* 1.7765	* 1.4722	* 1.8280	* 1.4880	* 1.8285	* 1.6338	* 1.3518	* 2.6953
10	* 1.3118	* 1.0203	* 1.2258	* 1.2078	* 1.3259	* 1.1401	* 1.3718	* 0.6080
	* 1.4139	* 1.8243	* 1.5188	* 1.5433	* 1.4049	* 1.6328	* 1.3528	* 2.7792
11	* 1.0025	* 1.2498	* 1.2070	* 1.3583	* 1.2759	* 1.4306	* 1.3156	* 0.5212
	* 1.8515	* 1.4877	* 1.5443	* 1.3732	* 1.4628	* 1.3003	* 1.4101	* 3.2837
12	* 1.3499	* 1.0173	* 1.3229	* 1.2725	* 1.1663	* 1.2535	* 0.7638	
	* 1.3740	* 1.8296	* 1.4079	* 1.4666	* 1.6013	* 1.4859	* 2.2454	
13	* 1.0185	* 1.1366	* 1.1361	* 1.4231	* 1.2389	* 0.6112	* 0.4401	
	* 1.8234	* 1.6366	* 1.6385	* 1.3071	* 1.5034	* 3.0409	* 3.8877	
14	* 1.3381	* 1.3709	* 1.3687	* 1.3092	* 0.7583	* 0.4065		
	* 1.3855	* 1.3534	* 1.3558	* 1.4169	* 2.2618	* 4.2082		
15	* 0.6462	* 0.6319	* 0.6076	* 0.5188	* F-SUB-Q			
	* 2.6554	* 2.6874	* 2.7807	* 3.2972	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3985	* 0.4399	* 0.5210	* 0.4456	* 0.5263	* 0.4397	* 0.4828	* 0.2696
	* 4.6202	* 4.1819	* 3.5272	* 4.1291	* 3.4932	* 4.1870	* 3.8080	* 6.3161
9	* 0.4399	* 0.5035	* 0.4469	* 0.5223	* 0.4535	* 0.4510	* 0.4896	* 0.2618
	* 4.1819	* 3.6542	* 4.1237	* 3.5281	* 4.0632	* 4.0875	* 3.7566	* 6.4402
10	* 0.5210	* 0.4475	* 0.4783	* 0.4906	* 0.5475	* 0.4710	* 0.4889	* 0.2543
	* 3.5272	* 4.1182	* 3.8578	* 3.7643	* 3.3702	* 3.9139	* 3.7627	* 6.5958
11	* 0.4456	* 0.5221	* 0.4901	* 0.5574	* 0.5033	* 0.5423	* 0.4670	* 0.2211
	* 4.1291	* 3.5291	* 3.7678	* 3.3113	* 3.6706	* 3.3978	* 3.9401	* 7.6863
12	* 0.5263	* 0.4532	* 0.5464	* 0.5022	* 0.4619	* 0.4699	* 0.3208	
	* 3.4932	* 4.0658	* 3.3770	* 3.6790	* 3.9990	* 3.9241	* 5.3033	
13	* 0.4397	* 0.4500	* 0.4692	* 0.5396	* 0.4657	* 0.3566	* 0.1764	
	* 4.1870	* 4.0957	* 3.9283	* 3.4150	* 3.9596	* 5.1731	* 9.6347	
14	* 0.4828	* 0.4890	* 0.4878	* 0.4648	* 0.3184	* 0.1685		
	* 3.8080	* 3.7611	* 3.7711	* 3.9592	* 5.3420	* 10.0834		
15	* 0.2696	* 0.2624	* 0.2541	* 0.2200	* F-SUB-Q			
	* 6.3161	* 6.4242	* 6.5999	* 7.7194	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3839	* 0.4416	* 0.5169	* 0.4546	* 0.5087	* 0.4315	* 0.4455	* 0.2659
	* 4.3314	* 4.2836	* 3.6589	* 4.0444	* 3.5842	* 4.1926	* 4.0253	* 6.1648
9	* 0.4416	* 0.4978	* 0.4530	* 0.5148	* 0.4530	* 0.4351	* 0.4451	* 0.2600
	* 4.2836	* 3.8248	* 4.1508	* 3.6207	* 4.0778	* 4.1969	* 4.0495	* 6.2580
10	* 0.5169	* 0.4531	* 0.4744	* 0.4797	* 0.5171	* 0.4447	* 0.4405	* 0.2563
	* 3.6589	* 4.1498	* 3.9948	* 3.9412	* 3.6547	* 4.2367	* 4.1905	* 6.4093
11	* 0.4546	* 0.5146	* 0.4795	* 0.5240	* 0.4668	* 0.4821	* 0.4186	* 0.2169
	* 4.0444	* 3.6217	* 3.9420	* 3.5828	* 3.9713	* 3.8351	* 4.4836	* 7.9014
12	* 0.5087	* 0.4528	* 0.5167	* 0.4665	* 0.4078	* 0.4089	* 0.2983	
	* 3.5842	* 4.0794	* 3.6578	* 3.9745	* 4.2537	* 4.2589	* 5.6309	
13	* 0.4315	* 0.4347	* 0.4441	* 0.4813	* 0.4074	* 0.3291	* 0.1755	
	* 4.1926	* 4.1999	* 4.2430	* 3.8434	* 4.2774	* 5.1447	* 9.2772	
14	* 0.4455	* 0.4450	* 0.4401	* 0.4180	* 0.2972	* 0.1706		
	* 4.0253	* 4.0497	* 4.1918	* 4.4920	* 5.6537	* 9.5427		
15	* 0.2659	* 0.2605	* 0.2563	* 0.2165	F-SUB-Q			
	* 6.1648	* 6.2418	* 6.4063	* 7.9077	M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8669	* 0.9873	* 1.1921	* 0.9608	* 1.1892	* 0.9353	* 1.1209	* 0.6152
	* 2.1190	* 1.9566	* 1.6130	* 1.9554	* 1.5715	* 1.9775	* 1.6363	* 2.7227
9	* 0.9873	* 1.1383	* 0.9595	* 1.1354	* 0.9581	* 1.0161	* 1.1258	* 0.6073
	* 1.9566	* 1.7007	* 2.0028	* 1.6758	* 1.9575	* 1.8353	* 1.6388	* 2.7441
10	* 1.1921	* 0.9600	* 1.0988	* 1.0909	* 1.1511	* 1.0011	* 1.1169	* 0.5912
	* 1.6130	* 2.0018	* 1.7549	* 1.7682	* 1.6759	* 1.9130	* 1.6878	* 2.8401
11	* 0.9608	* 1.1350	* 1.0906	* 1.1672	* 1.0794	* 1.1599	* 1.0622	* 0.4988
	* 1.9554	* 1.6762	* 1.7685	* 1.6357	* 1.7562	* 1.6276	* 1.7868	* 3.5077
12	* 1.1892	* 0.9577	* 1.1502	* 1.0786	* 0.9704	* 1.0237	* 0.6924	
	* 1.5715	* 1.9581	* 1.6774	* 1.7579	* 1.8481	* 1.7818	* 2.4798	
13	* 0.9353	* 1.0153	* 0.9999	* 1.1579	* 1.0180	* 0.5490	* 0.4357	
	* 1.9775	* 1.8366	* 1.9158	* 1.6310	* 1.7926	* 3.2724	* 3.8339	
14	* 1.1209	* 1.1255	* 1.1163	* 1.0604	* 0.6899	* 0.4173		
	* 1.6363	* 1.6388	* 1.6882	* 1.7903	* 2.4896	* 4.0026		
15	* 0.6152	* 0.6086	* 0.5913	* 0.4978	F-SUB-Q			
	* 2.7227	* 2.7375	* 2.8386	* 3.5105	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0894	* 1.1774	* 1.2456	* 1.1468	* 1.2982	* 1.1494	* 1.2810	* 0.7367
	* 1.7838	* 1.6729	* 1.5768	* 1.6659	* 1.4546	* 1.6356	* 1.4559	* 2.3143
9	* 1.1775	* 1.3244	* 1.1634	* 1.3197	* 1.1524	* 1.2468	* 1.3165	* 0.7374
	* 1.6729	* 1.4964	* 1.6825	* 1.4738	* 1.6477	* 1.5187	* 1.4284	* 2.2976
10	* 1.2456	* 1.1641	* 1.3365	* 1.3034	* 1.3254	* 1.2144	* 1.3062	* 0.7160
	* 1.5768	* 1.6813	* 1.4704	* 1.5036	* 1.4710	* 1.5952	* 1.4696	* 2.3831
11	* 1.1468	* 1.3199	* 1.3033	* 1.3249	* 1.2980	* 1.2833	* 1.2827	* 0.6179
	* 1.6659	* 1.4740	* 1.5036	* 1.4677	* 1.4741	* 1.4998	* 1.5015	* 2.8763
12	* 1.2982	* 1.1520	* 1.3245	* 1.2966	* 1.2350	* 1.2866	* 0.8522	*
	* 1.4546	* 1.6483	* 1.4723	* 1.4759	* 1.5328	* 1.4699	* 2.0559	*
13	* 1.1494	* 1.2457	* 1.2127	* 1.2805	* 1.2786	* 0.7102	* 0.5484	*
	* 1.6356	* 1.5198	* 1.5958	* 1.5037	* 1.4795	* 2.6150	* 3.1193	*
14	* 1.2810	* 1.3161	* 1.3051	* 1.2801	* 0.8488	* 0.5217	*	*
	* 1.4559	* 1.4285	* 1.4701	* 1.5050	* 2.0647	* 3.2797	*	*
15	* 0.7367	* 0.7389	* 0.7161	* 0.6167	* F-SUB-Q			
	* 2.3143	* 2.2910	* 2.3817	* 2.8789	* M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2093	* 1.2984	* 1.3896	* 1.2603	* 1.4720	* 1.2822	* 1.4636	* 0.8017
	* 1.6471	* 1.5491	* 1.4361	* 1.5415	* 1.3005	* 1.4908	* 1.2948	* 2.1620
9	* 1.2984	* 1.4968	* 1.2870	* 1.4860	* 1.2783	* 1.3995	* 1.5100	* 0.8051
	* 1.5491	* 1.3492	* 1.5498	* 1.3338	* 1.5096	* 1.3741	* 1.2657	* 2.1409
10	* 1.3896	* 1.2881	* 1.4900	* 1.4467	* 1.4945	* 1.3588	* 1.5011	* 0.7781
	* 1.4361	* 1.5483	* 1.3412	* 1.3772	* 1.3296	* 1.4394	* 1.2980	* 2.2274
11	* 1.2604	* 1.4863	* 1.4467	* 1.4927	* 1.4636	* 1.4693	* 1.4768	* 0.6770
	* 1.5415	* 1.3338	* 1.3772	* 1.3168	* 1.3370	* 1.3365	* 1.3289	* 2.6661
12	* 1.4720	* 1.2777	* 1.4932	* 1.4617	* 1.3922	* 1.4784	* 0.9306	*
	* 1.3005	* 1.5101	* 1.3310	* 1.3389	* 1.3928	* 1.3099	* 1.9231	*
13	* 1.2822	* 1.3981	* 1.3577	* 1.4655	* 1.4686	* 0.8277	* 0.6029	*
	* 1.4908	* 1.3753	* 1.4401	* 1.3404	* 1.3192	* 2.3030	* 2.9063	*
14	* 1.4636	* 1.5096	* 1.4997	* 1.4734	* 0.9266	* 0.5714	*	*
	* 1.2948	* 1.2658	* 1.2985	* 1.3324	* 1.9321	* 3.0671	*	*
15	* 0.8017	* 0.8068	* 0.7783	* 0.6756	* F-SUB-Q			
	* 2.1620	* 2.1342	* 2.2261	* 2.6686	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2650	1.3635	1.4750	1.3224	1.5701	1.3518	1.5676	0.8477
	1.6127	1.5090	1.3822	1.4968	1.2436	1.4416	1.2316	2.0845
9	1.3635	1.5844	1.3483	1.5729	1.3446	1.4787	1.6230	0.8497
	1.5090	1.3010	1.5083	1.2812	1.4629	1.3258	1.1997	2.0678
10	1.4750	1.3496	1.5647	1.5198	1.5940	1.4418	1.6171	0.8214
	1.3822	1.5065	1.3013	1.3354	1.2700	1.3808	1.2264	2.1495
11	1.3224	1.5732	1.5198	1.5909	1.5567	1.5848	1.5970	0.7189
	1.4968	1.2812	1.3353	1.2594	1.2862	1.2670	1.2556	2.5547
12	1.5701	1.3439	1.5924	1.5544	1.4768	1.5910	0.9956	
	1.2436	1.4634	1.2729	1.2882	1.3445	1.2463	1.8401	
13	1.3518	1.4771	1.4405	1.5802	1.5795	0.8940	0.6400	
	1.4416	1.3270	1.3817	1.2711	1.2558	2.1876	2.8086	
14	1.5676	1.6224	1.6154	1.5929	0.9910	0.6067		
	1.2316	1.1998	1.2270	1.2593	1.8493	2.9633		
15	0.8477	0.8514	0.8215	0.7173	F-SUB-Q			
	2.0845	2.0609	2.1483	2.5575	M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2970	1.4032	1.5267	1.3626	1.6305	1.3951	1.6322	0.8818
	1.6064	1.4958	1.3660	1.4852	1.2263	1.4286	1.2091	2.0492
9	1.4032	1.6344	1.3849	1.6234	1.3857	1.5284	1.6950	0.8820
	1.4958	1.2819	1.4988	1.2656	1.4499	1.3115	1.1728	2.0366
10	1.5267	1.3865	1.6098	1.5648	1.6614	1.4960	1.6924	0.8546
	1.3660	1.4968	1.2906	1.3235	1.2429	1.3573	1.1955	2.1096
11	1.3626	1.6238	1.5645	1.6565	1.6177	1.6604	1.6767	0.7505
	1.4852	1.2655	1.3234	1.2377	1.2661	1.2351	1.2197	2.4931
12	1.6305	1.3851	1.6576	1.6151	1.5313	1.6635	1.0464	
	1.2263	1.4505	1.2460	1.2683	1.3279	1.2211	1.7912	
13	1.3951	1.5265	1.4944	1.6551	1.6507	0.9349	0.6675	
	1.4286	1.3128	1.3583	1.2393	1.2309	2.1482	2.7643	
14	1.6322	1.6943	1.6904	1.6720	1.0413	0.6321		
	1.2091	1.1731	1.1963	1.2234	1.8004	2.9195		
15	0.8818	0.8835	0.8547	0.7487	F-SUB-Q			
	2.0492	2.0297	2.1086	2.4964	M-SUB-Q			



Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of numerical data. Row 15 includes 'F-SUB-Q' and 'M-SUB-Q' labels.

AT 100% POWER, 50 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of numerical data. Row 15 includes 'F-SUB-Q' and 'M-SUB-Q' labels.

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3617	* 1.4852	* 1.6379	* 1.4417	* 1.7644	* 1.4860	* 1.7823	* 0.9314
	* 1.6554	* 1.5107	* 1.3635	* 1.5290	* 1.2383	* 1.4659	* 1.2097	* 2.1186
9	* 1.4852	* 1.7490	* 1.4614	* 1.7393	* 1.4710	* 1.6380	* 1.8615	* 0.9313
	* 1.5107	* 1.2766	* 1.5259	* 1.2724	* 1.4898	* 1.3277	* 1.1600	* 2.1023
10	* 1.6379	* 1.4635	* 1.7115	* 1.6716	* 1.8158	* 1.6164	* 1.8668	* 0.8981
	* 1.3635	* 1.5234	* 1.3005	* 1.3255	* 1.2172	* 1.3516	* 1.1649	* 2.1773
11	* 1.4417	* 1.7395	* 1.6709	* 1.8059	* 1.7546	* 1.8325	* 1.8589	* 0.7936
	* 1.5290	* 1.2730	* 1.3260	* 1.2259	* 1.2607	* 1.2045	* 1.1754	* 2.5123
12	* 1.7644	* 1.4702	* 1.8108	* 1.7512	* 1.6517	* 1.8260	* 1.1102	
	* 1.2383	* 1.4905	* 1.2204	* 1.2633	* 1.3341	* 1.2031	* 1.8184	
13	* 1.4860	* 1.6356	* 1.6141	* 1.8254	* 1.8105	* 1.0195	* 0.7005	
	* 1.4659	* 1.3289	* 1.3534	* 1.2090	* 1.2136	* 2.1335	* 2.8415	
14	* 1.7823	* 1.8605	* 1.8639	* 1.8526	* 1.1041	* 0.6595		
	* 1.2097	* 1.1605	* 1.1666	* 1.1792	* 1.8286	* 3.0186		
15	* 0.9314	* 0.9330	* 0.8981	* 0.7914	F-SUB-Q			
	* 2.1186	* 2.0980	* 2.1767	* 2.5175	M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3546	* 1.4791	* 1.6282	* 1.4383	* 1.7578	* 1.4833	* 1.7779	* 0.9437
	* 1.7110	* 1.5618	* 1.4157	* 1.5887	* 1.2898	* 1.5235	* 1.2591	* 2.1697
9	* 1.4791	* 1.7366	* 1.4556	* 1.7308	* 1.4685	* 1.6372	* 1.8625	* 0.9412
	* 1.5618	* 1.3273	* 1.5835	* 1.3218	* 1.5472	* 1.3751	* 1.2016	* 2.1566
10	* 1.6282	* 1.4577	* 1.7063	* 1.6681	* 1.8140	* 1.6189	* 1.8696	* 0.9139
	* 1.4157	* 1.5808	* 1.3478	* 1.3720	* 1.2544	* 1.3957	* 1.2026	* 2.2151
11	* 1.4383	* 1.7299	* 1.6674	* 1.8042	* 1.7577	* 1.8346	* 1.8638	* 0.8073
	* 1.5887	* 1.3225	* 1.3725	* 1.2666	* 1.2990	* 1.2370	* 1.2073	* 2.5494
12	* 1.7578	* 1.4678	* 1.8088	* 1.7541	* 1.6521	* 1.8271	* 1.1368	
	* 1.2898	* 1.5479	* 1.2578	* 1.3017	* 1.3815	* 1.2445	* 1.8289	
13	* 1.4833	* 1.6353	* 1.6164	* 1.8272	* 1.8108	* 1.0157	* 0.7109	
	* 1.5235	* 1.3765	* 1.3976	* 1.2419	* 1.2557	* 2.2247	* 2.8993	
14	* 1.7779	* 1.8614	* 1.8666	* 1.8572	* 1.1304	* 0.6701		
	* 1.2591	* 1.2022	* 1.2044	* 1.2115	* 1.8390	* 3.0757		
15	* 0.9437	* 0.9428	* 0.9139	* 0.8049	F-SUB-Q			
	* 2.1697	* 2.1523	* 2.2146	* 2.5552	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3678	* 1.4970	* 1.6575	* 1.4534	* 1.7943	* 1.5036	* 1.8218	* 0.9439
	* 1.7557	* 1.6008	* 1.4436	* 1.6361	* 1.3165	* 1.5639	* 1.2807	* 2.2586
9	* 1.4970	* 1.7698	* 1.4721	* 1.7655	* 1.4858	* 1.6658	* 1.9105	* 0.9428
	* 1.6008	* 1.3524	* 1.6260	* 1.3453	* 1.5927	* 1.4061	* 1.2192	* 2.2400
10	* 1.6575	* 1.4744	* 1.7321	* 1.6942	* 1.8572	* 1.6485	* 1.9198	* 0.9092
	* 1.4436	* 1.6231	* 1.3794	* 1.4032	* 1.2710	* 1.4235	* 1.2162	* 2.3144
11	* 1.4534	* 1.7646	* 1.6934	* 1.8457	* 1.7925	* 1.8825	* 1.9154	* 0.8054
	* 1.6361	* 1.3460	* 1.4038	* 1.2817	* 1.3191	* 1.2503	* 1.2190	* 2.6520
12	* 1.7943	* 1.4850	* 1.8516	* 1.7886	* 1.6817	* 1.8717	* 1.1321	
	* 1.3165	* 1.5935	* 1.2747	* 1.3219	* 1.4041	* 1.2566	* 1.9011	
13	* 1.5036	* 1.6637	* 1.6459	* 1.8745	* 1.8548	* 1.0379	* 0.7071	
	* 1.5639	* 1.4076	* 1.4255	* 1.2555	* 1.2680	* 2.2479	* 3.0072	
14	* 1.8218	* 1.9092	* 1.9165	* 1.9083	* 1.1255	* 0.6646		
	* 1.2807	* 1.2199	* 1.2180	* 1.2233	* 1.9119	* 3.1994		
15	* 0.9439	* 0.9445	* 0.9091	* 0.8029	* F-SUB-Q			
	* 2.2586	* 2.2354	* 2.3140	* 2.6578	* M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3646	* 1.4957	* 1.6590	* 1.4523	* 1.8006	* 1.5054	* 1.8329	* 0.9455
	* 1.7841	* 1.6267	* 1.4648	* 1.6677	* 1.3470	* 1.6089	* 1.3223	* 2.3535
9	* 1.4957	* 1.7720	* 1.4706	* 1.7699	* 1.4862	* 1.6721	* 1.9258	* 0.9441
	* 1.6267	* 1.3726	* 1.6531	* 1.3746	* 1.6311	* 1.4557	* 1.2628	* 2.3339
10	* 1.6590	* 1.4730	* 1.7344	* 1.6971	* 1.8686	* 1.6566	* 1.9371	* 0.9104
	* 1.4648	* 1.6505	* 1.4047	* 1.4371	* 1.3090	* 1.4731	* 1.2564	* 2.4098
11	* 1.4523	* 1.7689	* 1.6963	* 1.8563	* 1.8025	* 1.8982	* 1.9346	* 0.8076
	* 1.6677	* 1.3753	* 1.4377	* 1.3193	* 1.3592	* 1.2900	* 1.2581	* 2.7508
12	* 1.8006	* 1.4854	* 1.8627	* 1.7984	* 1.6882	* 1.8853	* 1.1375	
	* 1.3470	* 1.6319	* 1.3131	* 1.3622	* 1.4509	* 1.2984	* 1.9694	
13	* 1.5054	* 1.6699	* 1.6537	* 1.8897	* 1.8677	* 1.0430	* 0.7073	
	* 1.6089	* 1.4575	* 1.4753	* 1.2956	* 1.3105	* 2.3260	* 3.1223	
14	* 1.8329	* 1.9245	* 1.9336	* 1.9270	* 1.1306	* 0.6642		
	* 1.3223	* 1.2635	* 1.2584	* 1.2627	* 1.9808	* 3.3251		
15	* 0.9455	* 0.9458	* 0.9102	* 0.8049	* F-SUB-Q			
	* 2.3535	* 2.3291	* 2.4094	* 2.7573	* M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3464	* 1.4771	* 1.6354	* 1.4359	* 1.7790	* 1.4901	* 1.8142	* 0.9473
	* 1.7702	* 1.6070	* 1.4498	* 1.6455	* 1.3302	* 1.5863	* 1.3037	* 2.2929
9	* 1.4771	* 1.7462	* 1.4525	* 1.7472	* 1.4713	* 1.6583	* 1.9116	* 0.9445
	* 1.6070	* 1.3590	* 1.6328	* 1.3591	* 1.6074	* 1.4322	* 1.2431	* 2.2817
10	* 1.6354	* 1.4550	* 1.7151	* 1.6794	* 1.8515	* 1.6452	* 1.9246	* 0.9159
	* 1.4498	* 1.6301	* 1.3864	* 1.4178	* 1.2927	* 1.4478	* 1.2395	* 2.3436
11	* 1.4359	* 1.7462	* 1.6786	* 1.8395	* 1.7904	* 1.8842	* 1.9240	* 0.8119
	* 1.6455	* 1.3597	* 1.4184	* 1.3092	* 1.3466	* 1.2745	* 1.2460	* 2.6880
12	* 1.7790	* 1.4705	* 1.8454	* 1.7861	* 1.6743	* 1.8709	* 1.1488	
	* 1.3302	* 1.6082	* 1.2967	* 1.3496	* 1.4446	* 1.2896	* 1.9198	
13	* 1.4901	* 1.6560	* 1.6422	* 1.8754	* 1.8527	* 1.0303	* 0.7090	
	* 1.5863	* 1.4340	* 1.4501	* 1.2801	* 1.3017	* 2.3332	* 3.0967	
14	* 1.8142	* 1.9102	* 1.9208	* 1.9161	* 1.1417	* 0.6661		
	* 1.3037	* 1.2438	* 1.2416	* 1.2507	* 1.9312	* 3.2951		
15	* 0.9473	* 0.9456	* 0.9157	* 0.8091	* F-SUB-Q			
	* 2.2929	* 2.2772	* 2.3436	* 2.6953	* M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3448	* 1.4785	* 1.6449	* 1.4347	* 1.7944	* 1.4949	* 1.8377	* 0.9376
	* 1.7258	* 1.5613	* 1.4020	* 1.6025	* 1.2864	* 1.5424	* 1.2561	* 2.2516
9	* 1.4785	* 1.7594	* 1.4532	* 1.7616	* 1.4719	* 1.6688	* 1.9388	* 0.9358
	* 1.5613	* 1.3126	* 1.5880	* 1.3139	* 1.5659	* 1.3904	* 1.1978	* 2.2387
10	* 1.6449	* 1.4558	* 1.7219	* 1.6863	* 1.8739	* 1.6571	* 1.9540	* 0.9012
	* 1.4020	* 1.5852	* 1.3464	* 1.3781	* 1.2481	* 1.4045	* 1.1933	* 2.3161
11	* 1.4347	* 1.7605	* 1.6855	* 1.8603	* 1.8055	* 1.9107	* 1.9554	* 0.8016
	* 1.6025	* 1.3145	* 1.3787	* 1.2650	* 1.3048	* 1.2280	* 1.1979	* 2.6466
12	* 1.7944	* 1.4710	* 1.8674	* 1.8010	* 1.6852	* 1.8952	* 1.1320	
	* 1.2864	* 1.5666	* 1.2520	* 1.3079	* 1.4023	* 1.2434	* 1.8994	
13	* 1.4949	* 1.6663	* 1.6539	* 1.9014	* 1.8764	* 1.0401	* 0.6974	
	* 1.5424	* 1.3921	* 1.4068	* 1.2336	* 1.2554	* 2.2520	* 3.0523	
14	* 1.8377	* 1.9372	* 1.9500	* 1.9470	* 1.1247	* 0.6531		
	* 1.2561	* 1.1986	* 1.1954	* 1.2026	* 1.9107	* 3.2576		
15	* 0.9376	* 0.9371	* 0.9009	* 0.7988	* F-SUB-Q			
	* 2.2516	* 2.2342	* 2.3160	* 2.6536	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3303	* 1.4650	* 1.6326	* 1.4208	* 1.7855	* 1.4865	* 1.8350	* 0.9280
	* 1.6702	* 1.5083	* 1.3520	* 1.5491	* 1.2373	* 1.4852	* 1.2043	* 2.1781
9	* 1.4650	* 1.7483	* 1.4397	* 1.7521	* 1.4596	* 1.6612	* 1.9394	* 0.9264
	* 1.5083	* 1.2645	* 1.5344	* 1.2646	* 1.5117	* 1.3370	* 1.1466	* 2.1649
10	* 1.6326	* 1.4424	* 1.7098	* 1.6749	* 1.8705	* 1.6514	* 1.9565	* 0.8917
	* 1.3520	* 1.5316	* 1.2977	* 1.3280	* 1.1967	* 1.3490	* 1.1411	* 2.2419
11	* 1.4208	* 1.7510	* 1.6741	* 1.8562	* 1.8005	* 1.9108	* 1.9601	* 0.7936
	* 1.5491	* 1.2653	* 1.3285	* 1.2153	* 1.2554	* 1.1765	* 1.1443	* 2.5573
12	* 1.7855	* 1.4587	* 1.8638	* 1.7957	* 1.6776	* 1.8941	* 1.1205	
	* 1.2373	* 1.5124	* 1.2005	* 1.2585	* 1.3534	* 1.1929	* 1.8338	
13	* 1.4865	* 1.6587	* 1.6481	* 1.9011	* 1.8747	* 1.0362	* 0.6881	
	* 1.4852	* 1.3387	* 1.3513	* 1.1819	* 1.2044	* 2.1594	* 2.9562	
14	* 1.8350	* 1.9377	* 1.9523	* 1.9513	* 1.1131	* 0.6435		
	* 1.2043	* 1.1474	* 1.1432	* 1.1489	* 1.8451	* 3.1598		
15	* 0.9280	* 0.9276	* 0.8907	* 0.7906	F-SUB-Q			
	* 2.1781	* 2.1606	* 2.2420	* 2.5644	M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3081	* 1.4416	* 1.6073	* 1.3980	* 1.7616	* 1.4671	* 1.8145	* 0.9175
	* 1.6311	* 1.4719	* 1.3188	* 1.5121	* 1.2039	* 1.4450	* 1.1692	* 2.1160
9	* 1.4416	* 1.7226	* 1.4169	* 1.7278	* 1.4378	* 1.6412	* 1.9217	* 0.9154
	* 1.4719	* 1.2325	* 1.4974	* 1.2316	* 1.4734	* 1.2988	* 1.1102	* 2.1040
10	* 1.6073	* 1.4197	* 1.6864	* 1.6519	* 1.8502	* 1.6330	* 1.9402	* 0.8815
	* 1.3188	* 1.4945	* 1.2634	* 1.2928	* 1.1606	* 1.3088	* 1.1035	* 2.1770
11	* 1.3980	* 1.7267	* 1.6510	* 1.8361	* 1.7816	* 1.8925	* 1.9450	* 0.7855
	* 1.5121	* 1.2322	* 1.2933	* 1.1782	* 1.2165	* 1.1385	* 1.1051	* 2.4791
12	* 1.7616	* 1.4370	* 1.8433	* 1.7767	* 1.6574	* 1.8756	* 1.1130	
	* 1.2039	* 1.4741	* 1.1645	* 1.2196	* 1.3134	* 1.1546	* 1.7698	
13	* 1.4671	* 1.6385	* 1.6295	* 1.8826	* 1.8558	* 1.0217	* 0.6793	
	* 1.4450	* 1.3006	* 1.3112	* 1.1440	* 1.1661	* 2.0980	* 2.8710	
14	* 1.8145	* 1.9200	* 1.9358	* 1.9360	* 1.1054	* 0.6348		
	* 1.1692	* 1.1110	* 1.1057	* 1.1097	* 1.7811	* 3.0709		
15	* 0.9175	* 0.9162	* 0.8806	* 0.7825	F-SUB-Q			
	* 2.1160	* 2.1005	* 2.1772	* 2.4865	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2753	* 1.4058	* 1.5640	* 1.3647	* 1.7171	* 1.4348	* 1.7718	* 0.9058
	* 1.7387	* 1.5697	* 1.4097	* 1.6119	* 1.2846	* 1.5369	* 1.2455	* 2.2305
9	* 1.4058	* 1.6771	* 1.3827	* 1.6836	* 1.4052	* 1.6055	* 1.8805	* 0.9028
	* 1.5697	* 1.3169	* 1.5965	* 1.3149	* 1.5684	* 1.3803	* 1.1789	* 2.2192
10	* 1.5640	* 1.3854	* 1.6475	* 1.6135	* 1.8074	* 1.5993	* 1.8997	* 0.8737
	* 1.4097	* 1.5934	* 1.3450	* 1.3764	* 1.2342	* 1.3888	* 1.1705	* 2.2829
11	* 1.3647	* 1.6825	* 1.6126	* 1.7943	* 1.7451	* 1.8509	* 1.9059	* 0.7779
	* 1.6119	* 1.3156	* 1.3771	* 1.2515	* 1.2889	* 1.2081	* 1.1702	* 2.6022
12	* 1.7171	* 1.4043	* 1.8005	* 1.7402	* 1.6212	* 1.8345	* 1.1071	*
	* 1.2846	* 1.5692	* 1.2386	* 1.2923	* 1.3928	* 1.2243	* 1.8471	*
13	* 1.4348	* 1.6028	* 1.5958	* 1.8408	* 1.8146	* 0.9962	* 0.6713	*
	* 1.5369	* 1.3824	* 1.3915	* 1.2142	* 1.2371	* 2.2316	* 3.0163	*
14	* 1.7718	* 1.8787	* 1.8953	* 1.8968	* 1.0994	* 0.6279	*	*
	* 1.2455	* 1.1799	* 1.1730	* 1.1754	* 1.8593	* 3.2233	*	*
15	* 0.9058	* 0.9035	* 0.8734	* 0.7748	* F-SUB-Q			
	* 2.2305	* 2.2169	* 2.2833	* 2.6107	* M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2569	* 1.3878	* 1.5513	* 1.3438	* 1.7082	* 1.4190	* 1.7676	* 0.8802
	* 1.6910	* 1.5287	* 1.3667	* 1.5771	* 1.2435	* 1.4979	* 1.2028	* 2.2134
9	* 1.3878	* 1.6686	* 1.3649	* 1.6742	* 1.3852	* 1.5907	* 1.8773	* 0.8785
	* 1.5287	* 1.2733	* 1.5565	* 1.2726	* 1.5334	* 1.3412	* 1.1363	* 2.1977
10	* 1.5513	* 1.3678	* 1.6330	* 1.5977	* 1.8011	* 1.5851	* 1.8976	* 0.8451
	* 1.3667	* 1.5533	* 1.3054	* 1.3371	* 1.1894	* 1.3478	* 1.1262	* 2.2748
11	* 1.3438	* 1.6731	* 1.5968	* 1.7876	* 1.7332	* 1.8458	* 1.9046	* 0.7533
	* 1.5771	* 1.2734	* 1.3377	* 1.2039	* 1.2438	* 1.1617	* 1.1234	* 2.5859
12	* 1.7082	* 1.3844	* 1.7940	* 1.7279	* 1.6065	* 1.8287	* 1.0682	*
	* 1.2435	* 1.5342	* 1.1939	* 1.2472	* 1.3435	* 1.1759	* 1.8368	*
13	* 1.4190	* 1.5880	* 1.5816	* 1.8354	* 1.8085	* 0.9895	* 0.6480	*
	* 1.4979	* 1.3433	* 1.3505	* 1.1679	* 1.1885	* 2.1540	* 3.0037	*
14	* 1.7676	* 1.8754	* 1.8929	* 1.8951	* 1.0605	* 0.6041	*	*
	* 1.2028	* 1.1373	* 1.1287	* 1.1287	* 1.8495	* 3.2208	*	*
15	* 0.8802	* 0.8793	* 0.8440	* 0.7503	* F-SUB-Q			
	* 2.2134	* 2.1955	* 2.2773	* 2.5946	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2220	* 1.3494	* 1.5078	* 1.3055	* 1.6637	* 1.3812	* 1.7232	* 0.8542
	* 1.6697	* 1.5126	* 1.3530	* 1.5629	* 1.2286	* 1.4808	* 1.1868	* 2.1964
9	* 1.3494	* 1.6262	* 1.3286	* 1.6305	* 1.3472	* 1.5499	* 1.8322	* 0.8526
	* 1.5126	* 1.2573	* 1.5391	* 1.2576	* 1.5175	* 1.3238	* 1.1191	* 2.1800
10	* 1.5078	* 1.3315	* 1.5940	* 1.5572	* 1.7556	* 1.5450	* 1.8521	* 0.8199
	* 1.3530	* 1.5358	* 1.2866	* 1.3197	* 1.1727	* 1.3293	* 1.1086	* 2.2568
11	* 1.3055	* 1.6294	* 1.5563	* 1.7441	* 1.6921	* 1.7988	* 1.8585	* 0.7306
	* 1.5629	* 1.2584	* 1.3204	* 1.1844	* 1.2226	* 1.1443	* 1.1053	* 2.5658
12	* 1.6637	* 1.3463	* 1.7485	* 1.6867	* 1.5659	* 1.7830	* 1.0369	
	* 1.2286	* 1.5184	* 1.1772	* 1.2261	* 1.3203	* 1.1566	* 1.8181	
13	* 1.3812	* 1.5472	* 1.5415	* 1.7885	* 1.7629	* 0.9600	* 0.6267	
	* 1.4808	* 1.3260	* 1.3321	* 1.1507	* 1.1694	* 2.1309	* 2.9863	
14	* 1.7232	* 1.8303	* 1.8475	* 1.8490	* 1.0294	* 0.5838		
	* 1.1868	* 1.1202	* 1.1112	* 1.1107	* 1.8310	* 3.2049		
15	* 0.8542	* 0.8533	* 0.8187	* 0.7275	F-SUB-Q			
	* 2.1964	* 2.1779	* 2.2594	* 2.5748	M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1682	* 1.2876	* 1.4282	* 1.2469	* 1.5755	* 1.3175	* 1.6308	* 0.8259
	* 1.6892	* 1.5338	* 1.3823	* 1.5838	* 1.2552	* 1.5020	* 1.2130	* 2.1999
9	* 1.2876	* 1.5439	* 1.2708	* 1.5463	* 1.2875	* 1.4789	* 1.7363	* 0.8233
	* 1.5338	* 1.2814	* 1.5570	* 1.2832	* 1.5361	* 1.3415	* 1.1415	* 2.1857
10	* 1.4282	* 1.2736	* 1.5268	* 1.4883	* 1.6634	* 1.4745	* 1.7542	* 0.7964
	* 1.3823	* 1.5537	* 1.2992	* 1.3355	* 1.1962	* 1.3464	* 1.1309	* 2.2484
11	* 1.2469	* 1.5452	* 1.4875	* 1.6569	* 1.6165	* 1.7015	* 1.7577	* 0.7079
	* 1.5838	* 1.2840	* 1.3362	* 1.2041	* 1.2355	* 1.1683	* 1.1285	* 2.5626
12	* 1.5755	* 1.2867	* 1.6567	* 1.6116	* 1.4955	* 1.6894	* 1.0100	
	* 1.2552	* 1.5370	* 1.2009	* 1.2391	* 1.3345	* 1.1786	* 1.8042	
13	* 1.3175	* 1.4763	* 1.4711	* 1.6916	* 1.6699	* 0.9024	* 0.6059	
	* 1.5020	* 1.3437	* 1.3493	* 1.1749	* 1.1920	* 2.1901	* 2.9887	
14	* 1.6308	* 1.7345	* 1.7497	* 1.7486	* 1.0025	* 0.5656		
	* 1.2130	* 1.1426	* 1.1336	* 1.1341	* 1.8173	* 3.2009		
15	* 0.8259	* 0.8240	* 0.7960	* 0.7049	F-SUB-Q			
	* 2.1999	* 2.1836	* 2.2492	* 2.5722	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1226	* 1.2375	* 1.3694	* 1.1956	* 1.5088	* 1.2616	* 1.5596	* 0.7783
	* 1.7113	* 1.5532	* 1.4035	* 1.6079	* 1.2756	* 1.5265	* 1.2342	* 2.2742
9	* 1.2375	* 1.4855	* 1.2235	* 1.4843	* 1.2342	* 1.4191	* 1.6585	* 0.7767
	* 1.5532	* 1.2963	* 1.5742	* 1.3010	* 1.5608	* 1.3598	* 1.1620	* 2.2567
10	* 1.3694	* 1.2266	* 1.4752	* 1.4347	* 1.5924	* 1.4134	* 1.6740	* 0.7463
	* 1.4035	* 1.5709	* 1.3080	* 1.3478	* 1.2150	* 1.3659	* 1.1521	* 2.3372
11	* 1.1956	* 1.4834	* 1.4339	* 1.5896	* 1.5553	* 1.6226	* 1.6737	* 0.6621
	* 1.6079	* 1.3018	* 1.3485	* 1.2199	* 1.2477	* 1.1906	* 1.1517	* 2.6686
12	* 1.5088	* 1.2334	* 1.5860	* 1.5505	* 1.4386	* 1.6133	* 0.9421	*
	* 1.2756	* 1.5617	* 1.2198	* 1.2514	* 1.3480	* 1.1995	* 1.8818	*
13	* 1.2616	* 1.4166	* 1.4101	* 1.6132	* 1.5949	* 0.8534	* 0.5654	*
	* 1.5265	* 1.3621	* 1.3689	* 1.1973	* 1.2131	* 2.2532	* 3.1196	*
14	* 1.5596	* 1.6567	* 1.6697	* 1.6650	* 0.9351	* 0.5261	*	*
	* 1.2342	* 1.1632	* 1.1549	* 1.1575	* 1.8956	* 3.3519	*	*
15	* 0.7783	* 0.7775	* 0.7452	* 0.6592	* F-SUB-Q			
	* 2.2742	* 2.2537	* 2.3401	* 2.6786	* M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0302	* 1.1480	* 1.2643	* 1.1100	* 1.3686	* 1.1556	* 1.4113	* 0.7197
	* 1.8262	* 1.6392	* 1.4878	* 1.6958	* 1.3767	* 1.6314	* 1.3350	* 2.4104
9	* 1.1480	* 1.3523	* 1.1311	* 1.3604	* 1.1363	* 1.2991	* 1.4975	* 0.7161
	* 1.6392	* 1.3942	* 1.6682	* 1.3894	* 1.6600	* 1.4535	* 1.2591	* 2.3989
10	* 1.2643	* 1.1338	* 1.3571	* 1.3300	* 1.4517	* 1.2925	* 1.5098	* 0.6874
	* 1.4878	* 1.6642	* 1.3911	* 1.4227	* 1.3038	* 1.4614	* 1.2494	* 2.4867
11	* 1.1100	* 1.3595	* 1.3291	* 1.4489	* 1.4293	* 1.4732	* 1.5099	* 0.6040
	* 1.6958	* 1.3903	* 1.4234	* 1.3089	* 1.3272	* 1.2823	* 1.2486	* 2.8672
12	* 1.3686	* 1.1355	* 1.4460	* 1.4252	* 1.3218	* 1.4598	* 0.8650	*
	* 1.3767	* 1.6611	* 1.3087	* 1.3310	* 1.4347	* 1.2965	* 2.0069	*
13	* 1.1556	* 1.2969	* 1.2895	* 1.4650	* 1.4435	* 0.7578	* 0.5149	*
	* 1.6314	* 1.4560	* 1.4646	* 1.2894	* 1.3110	* 2.4857	* 3.3593	*
14	* 1.4113	* 1.4959	* 1.5060	* 1.5022	* 0.8587	* 0.4780	*	*
	* 1.3350	* 1.2604	* 1.2525	* 1.2548	* 2.0214	* 3.6185	*	*
15	* 0.7197	* 0.7174	* 0.6870	* 0.6013	* F-SUB-Q			
	* 2.4104	* 2.3944	* 2.4879	* 2.8783	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 50 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8288	* 0.9546	* 1.2061	* 0.9219	* 1.2373	* 0.9287	* 1.2404	* 0.6067
	* 2.2362	* 1.9409	* 1.5351	* 2.0111	* 1.4977	* 1.9986	* 1.4949	* 2.8203
9	* 0.9546	* 1.1575	* 0.9231	* 1.1576	* 0.9347	* 1.0451	* 1.2717	* 0.5913
	* 1.9409	* 1.6019	* 2.0121	* 1.6043	* 1.9889	* 1.7790	* 1.4593	* 2.8650
10	* 1.2061	* 0.9248	* 1.1016	* 1.1051	* 1.2334	* 1.0531	* 1.2751	* 0.5711
	* 1.5351	* 2.0083	* 1.6864	* 1.6863	* 1.5092	* 1.7669	* 1.4558	* 2.9521
11	* 0.9219	* 1.1578	* 1.1040	* 1.2576	* 1.1675	* 1.3286	* 1.2358	* 0.4924
	* 2.0111	* 1.6040	* 1.6873	* 1.4818	* 1.5976	* 1.3996	* 1.5018	* 3.4700
12	* 1.2373	* 0.9341	* 1.2307	* 1.1645	* 1.0686	* 1.1667	* 0.7185	
	* 1.4977	* 1.9901	* 1.5123	* 1.6016	* 1.7460	* 1.5962	* 2.3809	
13	* 0.9287	* 1.0433	* 1.0495	* 1.3219	* 1.1540	* 0.5833	* 0.4160	
	* 1.9986	* 1.7819	* 1.7728	* 1.4066	* 1.6137	* 3.1843	* 4.1042	
14	* 1.2404	* 1.2703	* 1.2724	* 1.2300	* 0.7134	* 0.3844		
	* 1.4949	* 1.4609	* 1.4588	* 1.5088	* 2.3977	* 4.4408		
15	* 0.6067	* 0.5927	* 0.5707	* 0.4901	F-SUB-Q			
	* 2.8203	* 2.8575	* 2.9534	* 3.4839	M-SUB-Q			

AT 100% POWER, 50 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3581	* 0.3971	* 0.4732	* 0.4043	* 0.4778	* 0.3975	* 0.4433	* 0.2493
	* 5.1277	* 4.6229	* 3.8768	* 4.5442	* 3.8442	* 4.6263	* 4.1450	* 6.8099
9	* 0.3971	* 0.4561	* 0.4025	* 0.4763	* 0.4116	* 0.4092	* 0.4503	* 0.2421
	* 4.6229	* 4.0265	* 4.5655	* 3.8629	* 4.4728	* 4.4989	* 4.0831	* 6.9435
10	* 0.4732	* 0.4030	* 0.4286	* 0.4444	* 0.5011	* 0.4304	* 0.4509	* 0.2356
	* 3.8768	* 4.5603	* 4.2958	* 4.1489	* 3.6781	* 4.2794	* 4.0787	* 7.1009
11	* 0.4043	* 0.4762	* 0.4439	* 0.5080	* 0.4574	* 0.4992	* 0.4337	* 0.2061
	* 4.5442	* 3.8639	* 4.1533	* 3.6301	* 4.0341	* 3.6899	* 4.2417	* 8.2275
12	* 0.4778	* 0.4112	* 0.5001	* 0.4566	* 0.4202	* 0.4358	* 0.2976	
	* 3.8442	* 4.4761	* 3.6852	* 4.0412	* 4.3924	* 4.2288	* 5.7000	
13	* 0.3975	* 0.4084	* 0.4289	* 0.4967	* 0.4320	* 0.3322	* 0.1657	
	* 4.6263	* 4.5075	* 4.2944	* 3.7078	* 4.2658	* 5.5497	* 10.2280	
14	* 0.4433	* 0.4498	* 0.4500	* 0.4317	* 0.2956	* 0.1583		
	* 4.1450	* 4.0876	* 4.0872	* 4.2615	* 5.7400	* 10.7035		
15	* 0.2493	* 0.2427	* 0.2354	* 0.2051	F-SUB-Q			
	* 6.8099	* 6.9261	* 7.1047	* 8.2616	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3784	* 0.4340	* 0.5050	* 0.4474	* 0.4976	* 0.4189	* 0.4379	* 0.2615
	* 4.3004	* 4.2911	* 3.6904	* 4.0752	* 3.6466	* 4.2874	* 4.0706	* 6.1796
9	* 0.4340	* 0.4919	* 0.4456	* 0.5082	* 0.4455	* 0.4281	* 0.4398	* 0.2559
	* 4.2911	* 3.8340	* 4.1745	* 3.6397	* 4.1163	* 4.2267	* 4.0815	* 6.2769
10	* 0.5050	* 0.4457	* 0.4663	* 0.4726	* 0.5114	* 0.4382	* 0.4380	* 0.2533
	* 3.6904	* 4.1734	* 4.0186	* 3.9404	* 3.6576	* 4.2263	* 4.1929	* 6.4015
11	* 0.4474	* 0.5080	* 0.4725	* 0.5158	* 0.4616	* 0.4801	* 0.4188	* 0.2176
	* 4.0752	* 3.6405	* 3.9411	* 3.6056	* 3.9573	* 3.8128	* 4.4205	* 7.7806
12	* 0.4976	* 0.4454	* 0.5111	* 0.4613	* 0.4000	* 0.4159	* 0.2984	
	* 3.6466	* 4.1181	* 3.6602	* 3.9611	* 4.1610	* 4.1440	* 5.5347	
13	* 0.4189	* 0.4278	* 0.4377	* 0.4793	* 0.4145	* 0.3423	* 0.1852	
	* 4.2874	* 4.2292	* 4.2325	* 3.8202	* 4.1601	* 4.8961	* 8.6690	
14	* 0.4379	* 0.4397	* 0.4377	* 0.4182	* 0.2974	* 0.1804		
	* 4.0706	* 4.0814	* 4.1937	* 4.4288	* 5.5547	* 8.8803		
15	* 0.2615	* 0.2564	* 0.2534	* 0.2172	F-SUB-Q			
	* 6.1796	* 6.2615	* 6.3977	* 7.7849	M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8357	* 0.9518	* 1.1353	* 0.9286	* 1.1272	* 0.8875	* 1.0607	* 0.5948
	* 2.1745	* 2.0000	* 1.6743	* 2.0068	* 1.6457	* 2.0700	* 1.7199	* 2.7784
9	* 0.9518	* 1.0980	* 0.9271	* 1.0998	* 0.9244	* 0.9725	* 1.0692	* 0.5867
	* 2.0000	* 1.7464	* 2.0529	* 1.7142	* 2.0176	* 1.9021	* 1.7199	* 2.8048
10	* 1.1353	* 0.9274	* 1.0491	* 1.0522	* 1.1144	* 0.9665	* 1.0659	* 0.5727
	* 1.6743	* 2.0521	* 1.8207	* 1.8048	* 1.7123	* 1.9486	* 1.7596	* 2.8963
11	* 0.9286	* 1.0996	* 1.0519	* 1.1295	* 1.0460	* 1.1130	* 1.0291	* 0.4902
	* 2.0068	* 1.7145	* 1.8056	* 1.6721	* 1.7883	* 1.6800	* 1.8258	* 3.5273
12	* 1.1272	* 0.9241	* 1.1137	* 1.0453	* 0.9448	* 1.0008	* 0.6795	
	* 1.6457	* 2.0183	* 1.7136	* 1.7901	* 1.8677	* 1.8050	* 2.4847	
13	* 0.8875	* 0.9718	* 0.9656	* 1.1113	* 0.9963	* 0.5729	* 0.4448	
	* 2.0700	* 1.9033	* 1.9515	* 1.6832	* 1.8137	* 3.1094	* 3.7045	
14	* 1.0607	* 1.0689	* 1.0654	* 1.0276	* 0.6773	* 0.4265		
	* 1.7199	* 1.7198	* 1.7599	* 1.8290	* 2.4936	* 3.8547		
15	* 0.5948	* 0.5880	* 0.5728	* 0.4895	F-SUB-Q			
	* 2.7784	* 2.7982	* 2.8944	* 3.5293	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0486	1.1575	1.3059	1.1240	1.3173	1.0922	1.2494	0.7256
	1.8351	1.6781	1.4792	1.6815	1.4297	1.7092	1.4822	2.3160
9	1.1575	1.2944	1.1247	1.2926	1.1199	1.1927	1.2867	0.7214
	1.6781	1.5072	1.7217	1.4745	1.6852	1.5735	1.4531	2.3149
10	1.3059	1.1253	1.2715	1.2698	1.3160	1.1833	1.2868	0.7035
	1.4792	1.7204	1.5286	1.5213	1.4658	1.6151	1.4862	2.3934
11	1.1240	1.2922	1.2695	1.3062	1.2700	1.3185	1.2683	0.6134
	1.6815	1.4742	1.5215	1.4748	1.4895	1.4443	1.5021	2.8603
12	1.3173	1.1196	1.3153	1.2690	1.1983	1.2701	0.8482	
	1.4297	1.6856	1.4669	1.4912	1.5557	1.4747	2.0293	
13	1.0922	1.1917	1.1819	1.3159	1.2638	0.7397	0.5560	
	1.7092	1.5745	1.6177	1.4475	1.4825	2.4880	3.0340	
14	1.2494	1.2865	1.2859	1.2661	0.8453	0.5310		
	1.4822	1.4531	1.4866	1.5052	2.0371	3.1695		
15	0.7256	0.7228	0.7038	0.6125	F-SUB-Q			
	2.3160	2.3079	2.3917	2.8619	M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1653	1.2895	1.4951	1.2481	1.5099	1.2155	1.4387	0.7945
	1.6916	1.5366	1.3128	1.5378	1.2659	1.5587	1.3046	2.1459
9	1.2895	1.4780	1.2506	1.4667	1.2439	1.3337	1.4760	0.7908
	1.5366	1.3446	1.5763	1.3134	1.5402	1.4276	1.2844	2.1448
10	1.4951	1.2513	1.4184	1.4168	1.4997	1.3235	1.4797	0.7674
	1.3128	1.5749	1.3916	1.3839	1.3101	1.4696	1.3083	2.2243
11	1.2481	1.4662	1.4165	1.4888	1.4302	1.5266	1.4638	0.6733
	1.5378	1.3130	1.3840	1.3192	1.3492	1.2705	1.3236	2.6415
12	1.5099	1.2438	1.4987	1.4287	1.3470	1.4607	0.9323	
	1.2659	1.5405	1.3111	1.3510	1.4164	1.3113	1.8830	
13	1.2155	1.3325	1.3218	1.5232	1.4532	0.8594	0.6089	
	1.5587	1.4285	1.4720	1.2736	1.3184	2.1951	2.8337	
14	1.4387	1.4757	1.4787	1.4611	0.9288	0.5788		
	1.3046	1.2843	1.3087	1.3265	1.8907	2.9740		
15	0.7945	0.7925	0.7677	0.6723	F-SUB-Q			
	2.1459	2.1382	2.2226	2.6430	M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2201	* 1.3579	* 1.5989	* 1.3121	* 1.6105	* 1.2752	* 1.5386	* 0.8369
	* 1.6532	* 1.4909	* 1.2489	* 1.4889	* 1.2072	* 1.5121	* 1.2386	* 2.0716
9	* 1.3579	* 1.5772	* 1.3160	* 1.5603	* 1.3071	* 1.4001	* 1.5733	* 0.8304
	* 1.4909	* 1.2859	* 1.5248	* 1.2557	* 1.4917	* 1.3841	* 1.2245	* 2.0754
10	* 1.5989	* 1.3169	* 1.4883	* 1.4926	* 1.6015	* 1.3962	* 1.5806	* 0.8066
	* 1.2489	* 1.5234	* 1.3490	* 1.3352	* 1.2519	* 1.4211	* 1.2402	* 2.1503
11	* 1.3121	* 1.5598	* 1.4923	* 1.5899	* 1.5139	* 1.6403	* 1.5709	* 0.7112
	* 1.4889	* 1.2552	* 1.3353	* 1.2608	* 1.3019	* 1.2065	* 1.2578	* 2.5387
12	* 1.6105	* 1.3069	* 1.6003	* 1.5122	* 1.4211	* 1.5645	* 0.9930	
	* 1.2072	* 1.4919	* 1.2530	* 1.3038	* 1.3727	* 1.2512	* 1.8061	
13	* 1.2752	* 1.3988	* 1.3942	* 1.6364	* 1.5557	* 0.9230	* 0.6429	
	* 1.5121	* 1.3851	* 1.4236	* 1.2096	* 1.2587	* 2.0932	* 2.7486	
14	* 1.5386	* 1.5729	* 1.5794	* 1.5677	* 0.9892	* 0.6116		
	* 1.2386	* 1.2244	* 1.2406	* 1.2606	* 1.8138	* 2.8823		
15	* 0.8369	* 0.8321	* 0.8069	* 0.7101	* F-SUB-Q			
	* 2.0716	* 2.0687	* 2.1487	* 2.5400	* M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2496	* 1.3967	* 1.6573	* 1.3493	* 1.6656	* 1.3069	* 1.5927	* 0.8639
	* 1.6461	* 1.4764	* 1.2277	* 1.4789	* 1.1905	* 1.5054	* 1.2192	* 2.0463
9	* 1.3967	* 1.6317	* 1.3528	* 1.6149	* 1.3427	* 1.4352	* 1.6293	* 0.8546
	* 1.4764	* 1.2646	* 1.5121	* 1.2398	* 1.4825	* 1.3777	* 1.2048	* 2.0539
10	* 1.6573	* 1.3538	* 1.5265	* 1.5356	* 1.6601	* 1.4372	* 1.6363	* 0.8320
	* 1.2277	* 1.5105	* 1.3399	* 1.3210	* 1.2308	* 1.4054	* 1.2167	* 2.1231
11	* 1.3493	* 1.6143	* 1.5353	* 1.6477	* 1.5626	* 1.7059	* 1.6311	* 0.7360
	* 1.4789	* 1.2393	* 1.3211	* 1.2372	* 1.2886	* 1.1831	* 1.2338	* 2.4925
12	* 1.6656	* 1.3426	* 1.6588	* 1.5607	* 1.4628	* 1.6238	* 1.0339	
	* 1.1905	* 1.4827	* 1.2319	* 1.2905	* 1.3639	* 1.2334	* 1.7725	
13	* 1.3069	* 1.4338	* 1.4351	* 1.7016	* 1.6145	* 0.9581	* 0.6657	
	* 1.5054	* 1.3787	* 1.4079	* 1.1864	* 1.2409	* 2.0686	* 2.7218	
14	* 1.5927	* 1.6289	* 1.6350	* 1.6278	* 1.0298	* 0.6337		
	* 1.2192	* 1.2048	* 1.2170	* 1.2366	* 1.7801	* 2.8530		
15	* 0.8639	* 0.8565	* 0.8324	* 0.7349	* F-SUB-Q			
	* 2.0463	* 2.0475	* 2.1215	* 2.4939	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2753	1.4313	1.7137	1.3814	1.7185	1.3325	1.6447	0.8772
	1.6412	1.4615	1.2126	1.4804	1.1811	1.5118	1.2074	2.0622
9	1.4313	1.6842	1.3848	1.6642	1.3733	1.4667	1.6832	0.8671
	1.4615	1.2431	1.5092	1.2316	1.4846	1.3800	1.1910	2.0716
10	1.7137	1.3859	1.5624	1.5750	1.7153	1.4733	1.6915	0.8426
	1.2126	1.5076	1.3362	1.3131	1.2102	1.3901	1.1993	2.1414
11	1.3814	1.6637	1.5747	1.7061	1.6068	1.7682	1.6876	0.7469
	1.4804	1.2310	1.3134	1.2148	1.2794	1.1616	1.2104	2.4957
12	1.7185	1.3732	1.7139	1.6047	1.5005	1.6768	1.0535	
	1.1811	1.4847	1.2112	1.2814	1.3607	1.2222	1.7744	
13	1.3325	1.4652	1.4711	1.7636	1.6670	0.9889	0.6752	
	1.5118	1.3811	1.3926	1.1648	1.2298	2.0525	2.7484	
14	1.6447	1.6828	1.6895	1.6840	1.0493	0.6408		
	1.2074	1.1910	1.1997	1.2131	1.7819	2.8895		
15	0.8772	0.8692	0.8429	0.7458	F-SUB-Q			
	2.0622	2.0645	2.1398	2.4975	M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2893	1.4517	1.7476	1.3998	1.7491	1.3460	1.6749	0.8862
	1.6618	1.4762	1.2164	1.5021	1.1923	1.5382	1.2175	2.0965
9	1.4517	1.7153	1.4033	1.6938	1.3904	1.4835	1.7147	0.8751
	1.4762	1.2504	1.5233	1.2438	1.5068	1.3995	1.1982	2.1072
10	1.7476	1.4045	1.5829	1.5980	1.7488	1.4945	1.7259	0.8502
	1.2164	1.5215	1.3463	1.3194	1.2133	1.4017	1.2027	2.1746
11	1.3998	1.6933	1.5977	1.7422	1.6337	1.8068	1.7223	0.7548
	1.5021	1.2432	1.3196	1.2155	1.2840	1.1610	1.2117	2.5126
12	1.7491	1.3903	1.7473	1.6315	1.5221	1.7091	1.0687	
	1.1923	1.5068	1.2148	1.2861	1.3676	1.2224	1.7843	
13	1.3460	1.4820	1.4921	1.8019	1.6991	1.0067	0.6821	
	1.5382	1.4008	1.4043	1.1643	1.2300	2.0581	2.7714	
14	1.6749	1.7143	1.7237	1.7185	1.0643	0.6466		
	1.2175	1.1982	1.2032	1.2145	1.7921	2.9171		
15	0.8862	0.8774	0.8505	0.7538	F-SUB-Q			
	2.0965	2.0998	2.1731	2.5145	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3018	* 1.4692	* 1.7795	* 1.4150	* 1.7782	* 1.3571	* 1.7035	* 0.8907
	* 1.7049	* 1.4963	* 1.2282	* 1.5341	* 1.2103	* 1.5750	* 1.2349	* 2.1516
9	* 1.4692	* 1.7448	* 1.4188	* 1.7210	* 1.4045	* 1.4987	* 1.7447	* 0.8795
	* 1.4963	* 1.2584	* 1.5488	* 1.2635	* 1.5391	* 1.4254	* 1.2123	* 2.1626
10	* 1.7795	* 1.4201	* 1.6022	* 1.6184	* 1.7790	* 1.5125	* 1.7580	* 0.8532
	* 1.2282	* 1.5470	* 1.3662	* 1.3370	* 1.2260	* 1.4194	* 1.2129	* 2.2298
11	* 1.4150	* 1.7205	* 1.6181	* 1.7753	* 1.6575	* 1.8427	* 1.7542	* 0.7583
	* 1.5341	* 1.2628	* 1.3372	* 1.2296	* 1.3057	* 1.1736	* 1.2215	* 2.5617
12	* 1.7782	* 1.4044	* 1.7776	* 1.6551	* 1.5406	* 1.7382	* 1.0752	
	* 1.2103	* 1.5391	* 1.2272	* 1.3079	* 1.3963	* 1.2403	* 1.8275	
13	* 1.3571	* 1.4971	* 1.5100	* 1.8375	* 1.7278	* 1.0222	* 0.6849	
	* 1.5750	* 1.4267	* 1.4218	* 1.1771	* 1.2480	* 2.0908	* 2.8435	
14	* 1.7035	* 1.7443	* 1.7557	* 1.7502	* 1.0707	* 0.6473		
	* 1.2349	* 1.2124	* 1.2135	* 1.2241	* 1.8356	* 3.0017		
15	* 0.8907	* 0.8815	* 0.8536	* 0.7572	F-SUB-Q			
	* 2.1516	* 2.1550	* 2.2282	* 2.5637	M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2960	* 1.4655	* 1.7707	* 1.4101	* 1.7674	* 1.3512	* 1.6936	* 0.8990
	* 1.7624	* 1.5475	* 1.2774	* 1.5972	* 1.2630	* 1.6409	* 1.2878	* 2.2093
9	* 1.4655	* 1.7364	* 1.4140	* 1.7138	* 1.3988	* 1.4906	* 1.7356	* 0.8849
	* 1.5475	* 1.3053	* 1.6069	* 1.3121	* 1.6007	* 1.4821	* 1.2608	* 2.2255
10	* 1.7707	* 1.4153	* 1.5951	* 1.6128	* 1.7724	* 1.5072	* 1.7509	* 0.8622
	* 1.2774	* 1.6054	* 1.4191	* 1.3864	* 1.2668	* 1.4677	* 1.2577	* 2.2815
11	* 1.4101	* 1.7133	* 1.6125	* 1.7702	* 1.6539	* 1.8366	* 1.7489	* 0.7679
	* 1.5972	* 1.3124	* 1.3866	* 1.2679	* 1.3506	* 1.2111	* 1.2606	* 2.6091
12	* 1.7674	* 1.3987	* 1.7709	* 1.6515	* 1.5346	* 1.7343	* 1.0947	
	* 1.2630	* 1.6010	* 1.2683	* 1.3529	* 1.4513	* 1.2864	* 1.8488	
13	* 1.3512	* 1.4890	* 1.5046	* 1.8313	* 1.7230	* 1.0153	* 0.6927	
	* 1.6409	* 1.4835	* 1.4703	* 1.2146	* 1.2949	* 2.1847	* 2.9079	
14	* 1.6936	* 1.7352	* 1.7484	* 1.7448	* 1.0899	* 0.6589		
	* 1.2878	* 1.2609	* 1.2586	* 1.2635	* 1.8568	* 3.0497		
15	* 0.8990	* 0.8872	* 0.8626	* 0.7668	F-SUB-Q			
	* 2.2093	* 2.2179	* 2.2799	* 2.6114	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3092	* 1.4838	* 1.8098	* 1.4261	* 1.8042	* 1.3630	* 1.7314	* 0.8965
	* 1.8127	* 1.5901	* 1.3003	* 1.6455	* 1.2896	* 1.6956	* 1.3122	* 2.3063
9	* 1.4838	* 1.7726	* 1.4305	* 1.7454	* 1.4138	* 1.5085	* 1.7749	* 0.8837
	* 1.5901	* 1.3302	* 1.6528	* 1.3386	* 1.6469	* 1.5229	* 1.2825	* 2.3197
10	* 1.8098	* 1.4319	* 1.6174	* 1.6357	* 1.8086	* 1.5275	* 1.7921	* 0.8570
	* 1.3003	* 1.6512	* 1.4553	* 1.4209	* 1.2882	* 1.5041	* 1.2765	* 2.3851
11	* 1.4261	* 1.7449	* 1.6354	* 1.8093	* 1.6808	* 1.8803	* 1.7891	* 0.7635
	* 1.6455	* 1.3389	* 1.4211	* 1.2873	* 1.3773	* 1.2275	* 1.2788	* 2.7219
12	* 1.8042	* 1.4138	* 1.8070	* 1.6782	* 1.5556	* 1.7682	* 1.0888	
	* 1.2896	* 1.6472	* 1.2902	* 1.3797	* 1.4821	* 1.3059	* 1.9249	
13	* 1.3630	* 1.5069	* 1.5249	* 1.8748	* 1.7570	* 1.0343	* 0.6877	
	* 1.6956	* 1.5244	* 1.5068	* 1.2310	* 1.3142	* 2.2155	* 3.0235	
14	* 1.7314	* 1.7745	* 1.7895	* 1.7848	* 1.0840	* 0.6493		
	* 1.3122	* 1.2826	* 1.2774	* 1.2817	* 1.9333	* 3.1948		
15	* 0.8965	* 0.8856	* 0.8574	* 0.7625	* F-SUB-Q			
	* 2.3063	* 2.3127	* 2.3835	* 2.7238	* M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3106	* 1.4882	* 1.8209	* 1.4289	* 1.8138	* 1.3641	* 1.7427	* 0.8984
	* 1.8562	* 1.6249	* 1.3329	* 1.6897	* 1.3359	* 1.7710	* 1.3633	* 2.4045
9	* 1.4882	* 1.7825	* 1.4336	* 1.7539	* 1.4158	* 1.5111	* 1.7873	* 0.8851
	* 1.6249	* 1.3627	* 1.6897	* 1.3849	* 1.7084	* 1.5879	* 1.3305	* 2.4187
10	* 1.8209	* 1.4351	* 1.6221	* 1.6409	* 1.8194	* 1.5325	* 1.8064	* 0.8581
	* 1.3329	* 1.6879	* 1.4961	* 1.4740	* 1.3359	* 1.5646	* 1.3200	* 2.4859
11	* 1.4289	* 1.7534	* 1.6406	* 1.8211	* 1.6890	* 1.8956	* 1.8040	* 0.7654
	* 1.6897	* 1.3839	* 1.4742	* 1.3348	* 1.4297	* 1.2710	* 1.3235	* 2.8269
12	* 1.8138	* 1.4158	* 1.8178	* 1.6863	* 1.5602	* 1.7801	* 1.0940	
	* 1.3359	* 1.7086	* 1.3386	* 1.4323	* 1.5408	* 1.3522	* 1.9968	
13	* 1.3641	* 1.5094	* 1.5298	* 1.8899	* 1.7686	* 1.0391	* 0.6885	
	* 1.7710	* 1.5895	* 1.5673	* 1.2747	* 1.3610	* 2.2963	* 3.1418	
14	* 1.7427	* 1.7869	* 1.8038	* 1.7996	* 1.0892	* 0.6497		
	* 1.3633	* 1.3306	* 1.3217	* 1.3263	* 2.0056	* 3.3216		
15	* 0.8984	* 0.8869	* 0.8585	* 0.7643	* F-SUB-Q			
	* 2.4045	* 2.4124	* 2.4842	* 2.8289	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3016	* 1.4806	* 1.8077	* 1.4201	* 1.7995	* 1.3559	* 1.7315	* 0.9033
	* 1.8216	* 1.5919	* 1.3091	* 1.6567	* 1.3122	* 1.7358	* 1.3632	* 2.3785
9	* 1.4806	* 1.7701	* 1.4250	* 1.7421	* 1.4065	* 1.5006	* 1.7771	* 0.8875
	* 1.5919	* 1.3381	* 1.6568	* 1.3596	* 1.6761	* 1.5674	* 1.3331	* 2.4015
10	* 1.8077	* 1.4265	* 1.6115	* 1.6311	* 1.8084	* 1.5251	* 1.7978	* 0.8637
	* 1.3091	* 1.6551	* 1.4683	* 1.4463	* 1.3189	* 1.5524	* 1.3252	* 2.4612
11	* 1.4201	* 1.7416	* 1.6309	* 1.8109	* 1.6816	* 1.8865	* 1.7973	* 0.7716
	* 1.6567	* 1.3599	* 1.4465	* 1.3203	* 1.4224	* 1.2705	* 1.3305	* 2.8037
12	* 1.7995	* 1.4065	* 1.8067	* 1.6788	* 1.5508	* 1.7731	* 1.1067	
	* 1.3122	* 1.6762	* 1.3200	* 1.4249	* 1.5430	* 1.3565	* 1.9736	
13	* 1.3559	* 1.4989	* 1.5222	* 1.8807	* 1.7609	* 1.0302	* 0.6926	
	* 1.7358	* 1.5689	* 1.5550	* 1.2741	* 1.3654	* 2.3246	* 3.1430	
14	* 1.7315	* 1.7767	* 1.7952	* 1.7928	* 1.1017	* 0.6570		
	* 1.3632	* 1.3332	* 1.3268	* 1.3334	* 1.9822	* 3.3040		
15	* 0.9033	* 0.8896	* 0.8642	* 0.7704	* F-SUB-Q			
	* 2.3785	* 2.3930	* 2.4595	* 2.8060	* M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3089	* 1.4924	* 1.8373	* 1.4298	* 1.8278	* 1.3631	* 1.7636	* 0.8984
	* 1.7703	* 1.5428	* 1.2590	* 1.6066	* 1.2627	* 1.6859	* 1.3083	* 2.3317
9	* 1.4924	* 1.7977	* 1.4352	* 1.7655	* 1.4155	* 1.5127	* 1.8107	* 0.8839
	* 1.5428	* 1.2878	* 1.6063	* 1.3110	* 1.6267	* 1.5192	* 1.2786	* 2.3518
10	* 1.8373	* 1.4369	* 1.6265	* 1.6465	* 1.8361	* 1.5391	* 1.8337	* 0.8560
	* 1.2590	* 1.6045	* 1.4215	* 1.4005	* 1.2689	* 1.5014	* 1.2687	* 2.4216
11	* 1.4298	* 1.7650	* 1.6463	* 1.8409	* 1.7016	* 1.9230	* 1.8329	* 0.7651
	* 1.6066	* 1.3096	* 1.4007	* 1.2686	* 1.3723	* 1.2166	* 1.2730	* 2.7562
12	* 1.8278	* 1.4155	* 1.8344	* 1.6987	* 1.5654	* 1.8009	* 1.0976	
	* 1.2627	* 1.6268	* 1.2700	* 1.3748	* 1.4921	* 1.3030	* 1.9412	
13	* 1.3631	* 1.5110	* 1.5363	* 1.9169	* 1.7887	* 1.0446	* 0.6850	
	* 1.6859	* 1.5207	* 1.5041	* 1.2201	* 1.3115	* 2.2349	* 3.0927	
14	* 1.7636	* 1.8103	* 1.8309	* 1.8282	* 1.0926	* 0.6448		
	* 1.3083	* 1.2787	* 1.2703	* 1.2758	* 1.9499	* 3.2761		
15	* 0.8984	* 0.8858	* 0.8564	* 0.7640	* F-SUB-Q			
	* 2.3317	* 2.3449	* 2.4198	* 2.7582	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3069	* 1.4938	* 1.8454	* 1.4296	* 1.8354	* 1.3623	* 1.7759	* 0.8964
	* 1.7064	* 1.4832	* 1.2062	* 1.5459	* 1.2100	* 1.6227	* 1.2502	* 2.2463
9	* 1.4938	* 1.8052	* 1.4353	* 1.7715	* 1.4148	* 1.5134	* 1.8242	* 0.8818
	* 1.4832	* 1.2343	* 1.5453	* 1.2571	* 1.5659	* 1.4611	* 1.2223	* 2.2657
10	* 1.8454	* 1.4370	* 1.6280	* 1.6487	* 1.8446	* 1.5427	* 1.8492	* 0.8529
	* 1.2062	* 1.5435	* 1.3668	* 1.3466	* 1.2174	* 1.4433	* 1.2127	* 2.3359
11	* 1.4296	* 1.7710	* 1.6484	* 1.8500	* 1.7077	* 1.9379	* 1.8494	* 0.7630
	* 1.5459	* 1.2561	* 1.3467	* 1.2179	* 1.3207	* 1.1655	* 1.2164	* 2.6551
12	* 1.8354	* 1.4148	* 1.8428	* 1.7046	* 1.5678	* 1.8123	* 1.0956	
	* 1.2100	* 1.5659	* 1.2184	* 1.3230	* 1.4399	* 1.2503	* 1.8709	
13	* 1.3623	* 1.5116	* 1.5398	* 1.9316	* 1.7997	* 1.0483	* 0.6812	
	* 1.6227	* 1.4626	* 1.4458	* 1.1689	* 1.2584	* 2.1412	* 2.9836	
14	* 1.7759	* 1.8238	* 1.8464	* 1.8446	* 1.0904	* 0.6398		
	* 1.2502	* 1.2223	* 1.2142	* 1.2190	* 1.8792	* 3.1678		
15	* 0.8964	* 0.8838	* 0.8533	* 0.7618	* F-SUB-Q			
	* 2.2463	* 2.2596	* 2.3341	* 2.6572	* M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2998	* 1.4874	* 1.8399	* 1.4221	* 1.8304	* 1.3566	* 1.7754	* 0.8957
	* 1.6563	* 1.4372	* 1.1669	* 1.4998	* 1.1703	* 1.5722	* 1.2057	* 2.1686
9	* 1.4874	* 1.8004	* 1.4281	* 1.7652	* 1.4074	* 1.5077	* 1.8251	* 0.8801
	* 1.4372	* 1.1938	* 1.4988	* 1.2175	* 1.5188	* 1.4146	* 1.1774	* 2.1895
10	* 1.8399	* 1.4299	* 1.6221	* 1.6423	* 1.8405	* 1.5382	* 1.8513	* 0.8519
	* 1.1669	* 1.4970	* 1.3238	* 1.3040	* 1.1763	* 1.3951	* 1.1667	* 2.2550
11	* 1.4221	* 1.7647	* 1.6420	* 1.8466	* 1.7046	* 1.9388	* 1.8525	* 0.7629
	* 1.4998	* 1.2171	* 1.3042	* 1.1760	* 1.2748	* 1.1218	* 1.1694	* 2.5594
12	* 1.8304	* 1.4074	* 1.8386	* 1.7014	* 1.5624	* 1.8118	* 1.0982	
	* 1.1703	* 1.5189	* 1.1774	* 1.2772	* 1.3922	* 1.2044	* 1.7973	
13	* 1.3566	* 1.5059	* 1.5352	* 1.9323	* 1.7987	* 1.0439	* 0.6793	
	* 1.5722	* 1.4162	* 1.3976	* 1.1252	* 1.2125	* 2.0697	* 2.8816	
14	* 1.7754	* 1.8247	* 1.8483	* 1.8475	* 1.0930	* 0.6384		
	* 1.2057	* 1.1774	* 1.1682	* 1.1720	* 1.8054	* 3.0575		
15	* 0.8957	* 0.8821	* 0.8523	* 0.7616	* F-SUB-Q			
	* 2.1686	* 2.1837	* 2.2534	* 2.5618	* M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2837	* 1.4710	* 1.8139	* 1.4051	* 1.8061	* 1.3433	* 1.7561	* 0.8960
	* 1.7526	* 1.5191	* 1.2371	* 1.5875	* 1.2396	* 1.6603	* 1.2733	* 2.2663
9	* 1.4710	* 1.7761	* 1.4112	* 1.7421	* 1.3908	* 1.4914	* 1.8067	* 0.8787
	* 1.5191	* 1.2647	* 1.5861	* 1.2895	* 1.6071	* 1.4949	* 1.2419	* 2.2922
10	* 1.8139	* 1.4129	* 1.6035	* 1.6233	* 1.8202	* 1.5249	* 1.8340	* 0.8539
	* 1.2371	* 1.5842	* 1.4004	* 1.3789	* 1.2421	* 1.4698	* 1.2288	* 2.3507
11	* 1.4051	* 1.7417	* 1.6230	* 1.8227	* 1.6881	* 1.9194	* 1.8373	* 0.7650
	* 1.5875	* 1.2898	* 1.3791	* 1.2438	* 1.3431	* 1.1818	* 1.2299	* 2.6656
12	* 1.8061	* 1.3908	* 1.8162	* 1.6849	* 1.5512	* 1.7954	* 1.1041	
	* 1.2396	* 1.6072	* 1.2449	* 1.3457	* 1.4581	* 1.2671	* 1.8647	
13	* 1.3433	* 1.4895	* 1.5217	* 1.9127	* 1.7814	* 1.0299	* 0.6794	
	* 1.6603	* 1.4966	* 1.4727	* 1.1856	* 1.2765	* 2.1867	* 3.0059	
14	* 1.7561	* 1.8063	* 1.8309	* 1.8322	* 1.0986	* 0.6428		
	* 1.2733	* 1.2420	* 1.2306	* 1.2329	* 1.8735	* 3.1678		
15	* 0.8960	* 0.8807	* 0.8544	* 0.7636	* F-SUB-Q			
	* 2.2663	* 2.2857	* 2.3491	* 2.6686	* M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2795	* 1.4688	* 1.8259	* 1.4016	* 1.8196	* 1.3409	* 1.7759	* 0.8826
	* 1.6941	* 1.4700	* 1.1870	* 1.5396	* 1.1898	* 1.6104	* 1.2178	* 2.2281
9	* 1.4688	* 1.7875	* 1.4082	* 1.7508	* 1.3875	* 1.4929	* 1.8283	* 0.8672
	* 1.4700	* 1.2134	* 1.5365	* 1.2402	* 1.5581	* 1.4447	* 1.1862	* 2.2484
10	* 1.8259	* 1.4101	* 1.6061	* 1.6247	* 1.8354	* 1.5260	* 1.8568	* 0.8377
	* 1.1870	* 1.5344	* 1.3516	* 1.3315	* 1.1885	* 1.4178	* 1.1715	* 2.3189
11	* 1.4016	* 1.7503	* 1.6245	* 1.8348	* 1.6941	* 1.9406	* 1.8599	* 0.7508
	* 1.5396	* 1.2405	* 1.3317	* 1.1915	* 1.2896	* 1.1267	* 1.1715	* 2.6261
12	* 1.8196	* 1.3875	* 1.8305	* 1.6907	* 1.5474	* 1.8091	* 1.0819	
	* 1.1898	* 1.5582	* 1.1914	* 1.2923	* 1.4096	* 1.2103	* 1.8348	
13	* 1.3409	* 1.4910	* 1.5227	* 1.9335	* 1.7953	* 1.0350	* 0.6642	
	* 1.6104	* 1.4464	* 1.4207	* 1.1305	* 1.2191	* 2.0970	* 2.9696	
14	* 1.7759	* 1.8278	* 1.8536	* 1.8546	* 1.0765	* 0.6224		
	* 1.2178	* 1.1863	* 1.1733	* 1.1745	* 1.8438	* 3.1602		
15	* 0.8826	* 0.8692	* 0.8381	* 0.7493	* F-SUB-Q			
	* 2.2281	* 2.2428	* 2.3173	* 2.6293	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2581	1.4451	1.7967	1.3775	1.7934	1.3218	1.7559	0.8691
	1.6576	1.4405	1.1626	1.5113	1.1637	1.5759	1.1869	2.1832
9	1.4451	1.7606	1.3848	1.7238	1.3646	1.4729	1.8093	0.8539
	1.4405	1.1874	1.5071	1.2147	1.5281	1.4120	1.1545	2.2026
10	1.7967	1.3867	1.5844	1.6010	1.8116	1.5054	1.8378	0.8245
	1.1626	1.5050	1.3215	1.3027	1.1594	1.3841	1.1393	2.2723
11	1.3775	1.7233	1.6007	1.8071	1.6726	1.9182	1.8419	0.7387
	1.5113	1.2150	1.3029	1.1648	1.2565	1.0964	1.1380	2.5731
12	1.7934	1.3647	1.8065	1.6692	1.5262	1.7875	1.0650	
	1.1637	1.5282	1.1624	1.2592	1.3716	1.1773	1.7942	
13	1.3218	1.4709	1.5021	1.9108	1.7735	1.0171	0.6509	
	1.5759	1.4137	1.3872	1.1003	1.1862	2.0521	2.9190	
14	1.7559	1.8088	1.8345	1.8364	1.0595	0.6095		
	1.1869	1.1547	1.1411	1.1412	1.8033	3.1088		
15	0.8691	0.8559	0.8249	0.7372	F-SUB-Q			
	2.1832	2.1972	2.2709	2.5768	M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2143	1.3929	1.7145	1.3265	1.7151	1.2799	1.6821	0.8517
	1.6647	1.4483	1.1807	1.5217	1.1794	1.5785	1.2005	2.1612
9	1.3929	1.6843	1.3345	1.6505	1.3161	1.4243	1.7357	0.8355
	1.4483	1.2029	1.5164	1.2298	1.5367	1.4156	1.1655	2.1840
10	1.7145	1.3363	1.5313	1.5446	1.7355	1.4557	1.7624	0.8114
	1.1807	1.5145	1.3256	1.3088	1.1719	1.3861	1.1499	2.2392
11	1.3265	1.6501	1.5443	1.7273	1.6152	1.8370	1.7685	0.7258
	1.5217	1.2301	1.3090	1.1800	1.2594	1.1074	1.1466	2.5391
12	1.7151	1.3159	1.7305	1.6118	1.4821	1.7179	1.0494	
	1.1794	1.5369	1.1751	1.2621	1.3647	1.1850	1.7630	
13	1.2799	1.4224	1.4524	1.8298	1.7033	0.9684	0.6369	
	1.5785	1.4174	1.3893	1.1115	1.1949	2.0862	2.8911	
14	1.6821	1.7352	1.7591	1.7630	1.0438	0.6011		
	1.2005	1.1657	1.1518	1.1499	1.7723	3.0550		
15	0.8517	0.8371	0.8118	0.7241	F-SUB-Q			
	2.1612	2.1791	2.2378	2.5436	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1702	* 1.3400	* 1.6435	* 1.2747	* 1.6478	* 1.2332	* 1.6168	* 0.8076
	* 1.6847	* 1.4682	* 1.2002	* 1.5448	* 1.1965	* 1.5977	* 1.2172	* 2.2242
9	* 1.3400	* 1.6166	* 1.2837	* 1.5866	* 1.2663	* 1.3777	* 1.6703	* 0.7945
	* 1.4682	* 1.2213	* 1.5373	* 1.2472	* 1.5574	* 1.4267	* 1.1798	* 2.2406
10	* 1.6435	* 1.2855	* 1.4839	* 1.4921	* 1.6673	* 1.4020	* 1.6955	* 0.7668
	* 1.2002	* 1.5352	* 1.3336	* 1.3203	* 1.1881	* 1.4020	* 1.1642	* 2.3114
11	* 1.2747	* 1.5862	* 1.4918	* 1.6549	* 1.5613	* 1.7657	* 1.7009	* 0.6841
	* 1.5448	* 1.2474	* 1.3206	* 1.1995	* 1.2685	* 1.1212	* 1.1604	* 2.6276
12	* 1.6478	* 1.2662	* 1.6625	* 1.5580	* 1.4250	* 1.6506	* 0.9864	
	* 1.1965	* 1.5575	* 1.1914	* 1.2713	* 1.3849	* 1.2007	* 1.8272	
13	* 1.2332	* 1.3759	* 1.3987	* 1.7586	* 1.6368	* 0.9224	* 0.5990	
	* 1.5977	* 1.4285	* 1.4053	* 1.1256	* 1.2106	* 2.1341	* 2.9985	
14	* 1.6168	* 1.6697	* 1.6928	* 1.6956	* 0.9811	* 0.5602		
	* 1.2172	* 1.1800	* 1.1659	* 1.1639	* 1.8371	* 3.1979		
15	* 0.8076	* 0.7963	* 0.7672	* 0.6824	* F-SUB-Q			
	* 2.2242	* 2.2352	* 2.3101	* 2.6323	* M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0730	* 1.2307	* 1.4824	* 1.1713	* 1.4837	* 1.1303	* 1.4499	* 0.7406
	* 1.8018	* 1.5666	* 1.3037	* 1.6481	* 1.3023	* 1.7090	* 1.3304	* 2.3801
9	* 1.2307	* 1.4602	* 1.1789	* 1.4393	* 1.1648	* 1.2643	* 1.4984	* 0.7287
	* 1.5666	* 1.3249	* 1.6409	* 1.3473	* 1.6598	* 1.5237	* 1.2892	* 2.3974
10	* 1.4824	* 1.1805	* 1.3651	* 1.3744	* 1.5048	* 1.2860	* 1.5244	* 0.7024
	* 1.3037	* 1.6388	* 1.4205	* 1.4042	* 1.2908	* 1.4972	* 1.2683	* 2.4763
11	* 1.1713	* 1.4389	* 1.3742	* 1.4967	* 1.4335	* 1.5871	* 1.5285	* 0.6220
	* 1.6481	* 1.3475	* 1.4045	* 1.2988	* 1.3526	* 1.2212	* 1.2646	* 2.8358
12	* 1.4837	* 1.1646	* 1.5030	* 1.4305	* 1.3101	* 1.4890	* 0.8997	
	* 1.3023	* 1.6600	* 1.2935	* 1.3556	* 1.4752	* 1.3035	* 1.9640	
13	* 1.1303	* 1.2626	* 1.2831	* 1.5808	* 1.4764	* 0.8207	* 0.5469	
	* 1.7090	* 1.5256	* 1.5007	* 1.2259	* 1.3144	* 2.3520	* 3.2236	
14	* 1.4499	* 1.4980	* 1.5220	* 1.5236	* 0.8948	* 0.5096		
	* 1.3304	* 1.2895	* 1.2702	* 1.2685	* 1.9746	* 3.4503		
15	* 0.7406	* 0.7304	* 0.7027	* 0.6207	* F-SUB-Q			
	* 2.3801	* 2.3917	* 2.4750	* 2.8404	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 175 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8662	* 1.0028	* 1.2630	* 0.9594	* 1.2442	* 0.9111	* 1.2051	* 0.6096
	* 2.1990	* 1.8936	* 1.5076	* 1.9819	* 1.5305	* 2.0898	* 1.5776	* 2.8538
9	* 1.0028	* 1.2194	* 0.9615	* 1.2145	* 0.9536	* 1.0193	* 1.2290	* 0.5917
	* 1.8936	* 1.5623	* 1.9817	* 1.5706	* 1.9965	* 1.8618	* 1.5484	* 2.9131
10	* 1.2630	* 0.9626	* 1.1142	* 1.1246	* 1.2645	* 1.0428	* 1.2374	* 0.5724
	* 1.5076	* 1.9795	* 1.7135	* 1.6901	* 1.5111	* 1.8181	* 1.5389	* 2.9985
11	* 0.9594	* 1.2149	* 1.1243	* 1.2906	* 1.1630	* 1.3120	* 1.2216	* 0.4998
	* 1.9819	* 1.5700	* 1.6906	* 1.4825	* 1.6406	* 1.4551	* 1.5587	* 3.4834
12	* 1.2442	* 0.9534	* 1.2629	* 1.1608	* 1.0629	* 1.1752	* 0.7311	
	* 1.5305	* 1.9970	* 1.5129	* 1.6438	* 1.7902	* 1.6257	* 2.3830	
13	* 0.9111	* 1.0181	* 1.0407	* 1.3075	* 1.1655	* 0.6323	* 0.4439	
	* 2.0898	* 1.8640	* 1.8220	* 1.4600	* 1.6392	* 3.0113	* 3.9212	
14	* 1.2051	* 1.2287	* 1.2358	* 1.2180	* 0.7272	* 0.4110		
	* 1.5776	* 1.5487	* 1.5405	* 1.5632	* 2.3955	* 4.2239		
15	* 0.6096	* 0.5937	* 0.5727	* 0.4983	* F-SUB-Q			
	* 2.8538	* 2.9031	* 2.9971	* 3.4921	* M-SUB-Q			

AT 100% POWER, 175 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3842	* 0.4234	* 0.5054	* 0.4274	* 0.4925	* 0.3999	* 0.4474	* 0.2537
	* 4.9106	* 4.4402	* 3.7306	* 4.4053	* 3.8290	* 4.7166	* 4.2113	* 6.8019
9	* 0.4234	* 0.4888	* 0.4269	* 0.5033	* 0.4263	* 0.4135	* 0.4543	* 0.2461
	* 4.4402	* 3.8587	* 4.4199	* 3.7531	* 4.4210	* 4.5422	* 4.1503	* 6.9496
10	* 0.5054	* 0.4274	* 0.4478	* 0.4601	* 0.5220	* 0.4365	* 0.4565	* 0.2398
	* 3.7306	* 4.4147	* 4.2196	* 4.0860	* 3.6242	* 4.2995	* 4.1313	* 7.1004
11	* 0.4274	* 0.5033	* 0.4599	* 0.5276	* 0.4693	* 0.5113	* 0.4454	* 0.2127
	* 4.4053	* 3.7530	* 4.0872	* 3.5874	* 4.0189	* 3.6966	* 4.2367	* 8.1215
12	* 0.4925	* 0.4262	* 0.5214	* 0.4686	* 0.4309	* 0.4567	* 0.3074	
	* 3.8290	* 4.4227	* 3.6285	* 4.0255	* 4.3664	* 4.1380	* 5.6184	
13	* 0.3999	* 0.4130	* 0.4356	* 0.5095	* 0.4535	* 0.3579	* 0.1814	
	* 4.7166	* 4.5472	* 4.3083	* 3.7089	* 4.1673	* 5.2801	* 9.5222	
14	* 0.4474	* 0.4541	* 0.4561	* 0.4440	* 0.3058	* 0.1736		
	* 4.2113	* 4.1514	* 4.1351	* 4.2493	* 5.6484	* 9.9282		
15	* 0.2537	* 0.2468	* 0.2399	* 0.2120	* F-SUB-Q			
	* 6.8019	* 6.9292	* 7.0975	* 8.1430	* M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4025	* 0.4618	* 0.5352	* 0.4760	* 0.5271	* 0.4436	* 0.4641	* 0.2793
	* 3.9876	* 3.9877	* 3.5036	* 3.7975	* 3.4704	* 4.0284	* 3.8796	* 5.8169
9	* 0.4618	* 0.5224	* 0.4742	* 0.5389	* 0.4740	* 0.4554	* 0.4670	* 0.2733
	* 3.9877	* 3.6364	* 3.8837	* 3.4574	* 3.8386	* 3.9441	* 3.8866	* 5.9106
10	* 0.5352	* 0.4743	* 0.4960	* 0.5026	* 0.5423	* 0.4662	* 0.4665	* 0.2710
	* 3.5036	* 3.8839	* 3.7320	* 3.6608	* 3.4777	* 3.9346	* 3.9767	* 6.0124
11	* 0.4760	* 0.5387	* 0.5025	* 0.5468	* 0.4918	* 0.5112	* 0.4482	* 0.2346
	* 3.7975	* 3.4580	* 3.6612	* 3.4254	* 3.6720	* 3.6097	* 4.1613	* 7.2583
12	* 0.5271	* 0.4739	* 0.5420	* 0.4915	* 0.4241	* 0.4479	* 0.3208	
	* 3.4704	* 3.8400	* 3.4798	* 3.6753	* 3.8230	* 3.8717	* 5.1662	
13	* 0.4436	* 0.4551	* 0.4658	* 0.5105	* 0.4465	* 0.3751	* 0.2065	
	* 4.0284	* 3.9461	* 3.9397	* 3.6160	* 3.8854	* 4.4952	* 7.8125	
14	* 0.4641	* 0.4669	* 0.4662	* 0.4475	* 0.3199	* 0.2014		
	* 3.8796	* 3.8863	* 3.9771	* 4.1682	* 5.1833	* 7.9728		
15	* 0.2793	* 0.2738	* 0.2711	* 0.2343	F-SUB-Q			
	* 5.8169	* 5.8966	* 6.0081	* 7.2609	M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8649	* 0.9842	* 1.1632	* 0.9607	* 1.1524	* 0.9099	* 1.0855	* 0.6170
	* 2.0948	* 1.9129	* 1.6431	* 1.9251	* 1.6221	* 2.0099	* 1.6977	* 2.6930
9	* 0.9842	* 1.1346	* 0.9586	* 1.1375	* 0.9561	* 1.0004	* 1.0948	* 0.6083
	* 1.9129	* 1.7011	* 1.9647	* 1.6682	* 1.9392	* 1.8367	* 1.6975	* 2.7205
10	* 1.1632	* 0.9589	* 1.0801	* 1.0867	* 1.1525	* 0.9983	* 1.0939	* 0.5942
	* 1.6431	* 1.9646	* 1.7502	* 1.7282	* 1.6674	* 1.8678	* 1.7317	* 2.8051
11	* 0.9607	* 1.1373	* 1.0865	* 1.1676	* 1.0814	* 1.1435	* 1.0632	* 0.5128
	* 1.9251	* 1.6684	* 1.7288	* 1.6285	* 1.7070	* 1.6474	* 1.7815	* 3.3900
12	* 1.1524	* 0.9559	* 1.1519	* 1.0807	* 0.9795	* 1.0388	* 0.7095	
	* 1.6221	* 1.9398	* 1.6685	* 1.7086	* 1.7798	* 1.7500	* 2.3867	
13	* 0.9099	* 0.9997	* 0.9974	* 1.1418	* 1.0348	* 0.6193	* 0.4788	
	* 2.0099	* 1.8377	* 1.8701	* 1.6501	* 1.7572	* 2.9000	* 3.4575	
14	* 1.0855	* 1.0947	* 1.0935	* 1.0618	* 0.7075	* 0.4594		
	* 1.6977	* 1.6973	* 1.7318	* 1.7842	* 2.3945	* 3.5859		
15	* 0.6170	* 0.6096	* 0.5944	* 0.5121	F-SUB-Q			
	* 2.6930	* 2.7140	* 2.8030	* 3.3940	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0712	* 1.1873	* 1.3751	* 1.1557	* 1.3716	* 1.1046	* 1.2932	* 0.7482
	* 1.7927	* 1.6167	* 1.4114	* 1.6233	* 1.3828	* 1.6810	* 1.4438	* 2.2557
9	* 1.1873	* 1.3420	* 1.1546	* 1.3387	* 1.1498	* 1.2108	* 1.3156	* 0.7414
	* 1.6167	* 1.4616	* 1.6572	* 1.4306	* 1.6325	* 1.5388	* 1.4342	* 2.2588
10	* 1.3751	* 1.1552	* 1.2909	* 1.3039	* 1.3672	* 1.2084	* 1.3177	* 0.7245
	* 1.4114	* 1.6568	* 1.4887	* 1.4629	* 1.4201	* 1.5651	* 1.4580	* 2.3332
11	* 1.1557	* 1.3383	* 1.3036	* 1.3600	* 1.3029	* 1.3780	* 1.2983	* 0.6359
	* 1.6233	* 1.4303	* 1.4630	* 1.4218	* 1.4356	* 1.3914	* 1.4777	* 2.7689
12	* 1.3716	* 1.1496	* 1.3665	* 1.3020	* 1.2260	* 1.3068	* 0.8806	
	* 1.3828	* 1.6329	* 1.4210	* 1.4371	* 1.5036	* 1.4429	* 1.9593	
13	* 1.1046	* 1.2099	* 1.2072	* 1.3756	* 1.3012	* 0.7885	* 0.5898	
	* 1.6810	* 1.5397	* 1.5673	* 1.3941	* 1.4494	* 2.3509	* 2.8713	
14	* 1.2932	* 1.3154	* 1.3171	* 1.2963	* 0.8778	* 0.5645		
	* 1.4438	* 1.4341	* 1.4581	* 1.4803	* 1.9662	* 2.9855		
15	* 0.7482	* 0.7430	* 0.7249	* 0.6354	* F-SUB-Q			
	* 2.2557	* 2.2525	* 2.3313	* 2.7706	* M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1791	* 1.3118	* 1.5636	* 1.2744	* 1.5547	* 1.2144	* 1.4725	* 0.8105
	* 1.6665	* 1.4907	* 1.2584	* 1.4942	* 1.2363	* 1.5496	* 1.2833	* 2.1091
9	* 1.3118	* 1.5220	* 1.2738	* 1.5126	* 1.2661	* 1.3360	* 1.4976	* 0.8040
	* 1.4907	* 1.3110	* 1.5245	* 1.2834	* 1.5032	* 1.4136	* 1.2762	* 2.1157
10	* 1.5636	* 1.2745	* 1.4247	* 1.4419	* 1.5505	* 1.3361	* 1.5016	* 0.7812
	* 1.2584	* 1.5239	* 1.3674	* 1.3406	* 1.2734	* 1.4379	* 1.2938	* 2.1906
11	* 1.2744	* 1.5133	* 1.4417	* 1.5486	* 1.4496	* 1.5749	* 1.4844	* 0.6900
	* 1.4942	* 1.2830	* 1.3406	* 1.2699	* 1.3135	* 1.2386	* 1.3138	* 2.5879
12	* 1.5547	* 1.2660	* 1.5497	* 1.4482	* 1.3636	* 1.4855	* 0.9594	
	* 1.2363	* 1.5034	* 1.2742	* 1.3150	* 1.3823	* 1.2966	* 1.8316	
13	* 1.2144	* 1.3350	* 1.3348	* 1.5720	* 1.4792	* 0.9055	* 0.6388	
	* 1.5496	* 1.4144	* 1.4400	* 1.2411	* 1.3024	* 2.0959	* 2.7083	
14	* 1.4725	* 1.4974	* 1.5009	* 1.4822	* 0.9562	* 0.6079		
	* 1.2833	* 1.2760	* 1.2939	* 1.3161	* 1.8384	* 2.8325		
15	* 0.8105	* 0.8056	* 0.7816	* 0.6897	* F-SUB-Q			
	* 2.1091	* 2.1093	* 2.1886	* 2.5863	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2225	* 1.3679	* 1.6534	* 1.3284	* 1.6375	* 1.2583	* 1.5520	* 0.8433
	* 1.6421	* 1.4576	* 1.2082	* 1.4584	* 1.1917	* 1.5187	* 1.2345	* 2.0569
9	* 1.3679	* 1.6081	* 1.3272	* 1.5955	* 1.3182	* 1.3860	* 1.5777	* 0.8335
	* 1.4576	* 1.2637	* 1.4860	* 1.2374	* 1.4684	* 1.3844	* 1.2288	* 2.0667
10	* 1.6534	* 1.3280	* 1.4807	* 1.5044	* 1.6397	* 1.3935	* 1.5839	* 0.8111
	* 1.2082	* 1.4851	* 1.3357	* 1.3035	* 1.2268	* 1.4040	* 1.2422	* 2.1398
11	* 1.3284	* 1.5964	* 1.5042	* 1.6455	* 1.5182	* 1.6678	* 1.5732	* 0.7198
	* 1.4584	* 1.2369	* 1.3035	* 1.2176	* 1.2789	* 1.1917	* 1.2618	* 2.5134
12	* 1.6375	* 1.3181	* 1.6388	* 1.5168	* 1.4223	* 1.5714	* 1.0093	
	* 1.1917	* 1.4684	* 1.2276	* 1.2805	* 1.3529	* 1.2508	* 1.7758	
13	* 1.2583	* 1.3849	* 1.3921	* 1.6646	* 1.5645	* 0.9615	* 0.6674	
	* 1.5187	* 1.3852	* 1.4061	* 1.1942	* 1.2566	* 2.0181	* 2.6506	
14	* 1.5520	* 1.5775	* 1.5828	* 1.5707	* 1.0059	* 0.6362		
	* 1.2345	* 1.2286	* 1.2423	* 1.2640	* 1.7825	* 2.7671		
15	* 0.8433	* 0.8356	* 0.8115	* 0.7195	F-SUB-Q			
	* 2.0569	* 2.0594	* 2.1378	* 2.5117	M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2406	* 1.3949	* 1.6959	* 1.3531	* 1.6743	* 1.2752	* 1.5848	* 0.8603
	* 1.6457	* 1.4527	* 1.1977	* 1.4596	* 1.1860	* 1.5251	* 1.2288	* 2.0506
9	* 1.3949	* 1.6481	* 1.3513	* 1.6341	* 1.3417	* 1.4050	* 1.6115	* 0.8487
	* 1.4527	* 1.2511	* 1.4841	* 1.2314	* 1.4699	* 1.3902	* 1.2226	* 2.0611
10	* 1.6959	* 1.3523	* 1.5047	* 1.5330	* 1.6826	* 1.4183	* 1.6218	* 0.8274
	* 1.1977	* 1.4831	* 1.3359	* 1.2991	* 1.2159	* 1.4016	* 1.2323	* 2.1311
11	* 1.3531	* 1.6347	* 1.5329	* 1.6936	* 1.5501	* 1.7118	* 1.6139	* 0.7362
	* 1.4596	* 1.2310	* 1.2991	* 1.2040	* 1.2769	* 1.1820	* 1.2501	* 2.4900
12	* 1.6743	* 1.3417	* 1.6816	* 1.5485	* 1.4478	* 1.6127	* 1.0392	
	* 1.1860	* 1.4699	* 1.2167	* 1.2786	* 1.3565	* 1.2445	* 1.7591	
13	* 1.2752	* 1.4039	* 1.4168	* 1.7083	* 1.6047	* 0.9875	* 0.6839	
	* 1.5251	* 1.3911	* 1.4037	* 1.1846	* 1.2510	* 2.0117	* 2.6468	
14	* 1.5848	* 1.6114	* 1.6203	* 1.6113	* 1.0357	* 0.6528		
	* 1.2288	* 1.2224	* 1.2324	* 1.2522	* 1.7657	* 2.7596		
15	* 0.8603	* 0.8511	* 0.8278	* 0.7359	F-SUB-Q			
	* 2.0506	* 2.0550	* 2.1291	* 2.4898	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2554	1.4162	1.7366	1.3727	1.7096	1.2869	1.6171	0.8641
	1.6496	1.4469	1.1916	1.4707	1.1857	1.5430	1.2282	2.0832
9	1.4162	1.6870	1.3709	1.6748	1.3598	1.4211	1.6447	0.8513
	1.4469	1.2372	1.4910	1.2253	1.4814	1.4006	1.2199	2.0976
10	1.7366	1.3720	1.5266	1.5581	1.7215	1.4385	1.6581	0.8280
	1.1916	1.4898	1.3406	1.2996	1.2045	1.3981	1.2264	2.1690
11	1.3727	1.6750	1.5580	1.7386	1.5779	1.7534	1.6525	0.7390
	1.4707	1.2251	1.2996	1.1905	1.2776	1.1719	1.2359	2.5136
12	1.7096	1.3599	1.7205	1.5763	1.4697	1.6477	1.0473	
	1.1857	1.4813	1.2052	1.2792	1.3642	1.2434	1.7771	
13	1.2869	1.4199	1.4370	1.7498	1.6401	1.0094	0.6873	
	1.5430	1.4014	1.4000	1.1743	1.2495	2.0105	2.6907	
14	1.6171	1.6446	1.6566	1.6498	1.0438	0.6539		
	1.2282	1.2197	1.2264	1.2379	1.7836	2.8146		
15	0.8641	0.8535	0.8285	0.7388	F-SUB-Q			
	2.0832	2.0908	2.1669	2.5130	M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2606	1.4262	1.7571	1.3809	1.7258	1.2891	1.6306	0.8652
	1.6774	1.4683	1.2011	1.4958	1.2033	1.5783	1.2468	2.1299
9	1.4262	1.7065	1.3793	1.6949	1.3670	1.4252	1.6590	0.8517
	1.4683	1.2497	1.5114	1.2379	1.5073	1.4266	1.2355	2.1477
10	1.7571	1.3805	1.5356	1.5693	1.7412	1.4462	1.6750	0.8280
	1.2011	1.5102	1.3566	1.3117	1.2144	1.4184	1.2380	2.2155
11	1.3809	1.6951	1.5692	1.7619	1.5910	1.7739	1.6712	0.7402
	1.4958	1.2377	1.3118	1.1970	1.2894	1.1794	1.2450	2.5457
12	1.7258	1.3671	1.7401	1.5893	1.4782	1.6651	1.0534	
	1.2033	1.5073	1.2151	1.2911	1.3791	1.2511	1.7970	
13	1.2891	1.4240	1.4446	1.7703	1.6573	1.0193	0.6891	
	1.5783	1.4275	1.4204	1.1820	1.2572	2.0272	2.7272	
14	1.6306	1.6589	1.6735	1.6685	1.0497	0.6548		
	1.2468	1.2354	1.2383	1.2471	1.8036	2.8561		
15	0.8652	0.8539	0.8285	0.7400	F-SUB-Q			
	2.1299	2.1394	2.2134	2.5445	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2660	1.4350	1.7782	1.3880	1.7430	1.2910	1.6452	0.8634
	1.7256	1.4905	1.2169	1.5291	1.2259	1.6221	1.2706	2.1947
9	1.4350	1.7268	1.3867	1.7151	1.3726	1.4299	1.6744	0.8498
	1.4905	1.2595	1.5415	1.2561	1.5403	1.4587	1.2560	2.2144
10	1.7782	1.3879	1.5453	1.5798	1.7598	1.4527	1.6922	0.8249
	1.2169	1.5402	1.3810	1.3336	1.2302	1.4422	1.2534	2.2809
11	1.3880	1.7154	1.5797	1.7848	1.6029	1.7940	1.6896	0.7381
	1.5291	1.2559	1.3337	1.2138	1.3167	1.1987	1.2590	2.6059
12	1.7430	1.3727	1.7588	1.6011	1.4858	1.6813	1.0534	
	1.2259	1.5403	1.2309	1.3185	1.4136	1.2747	1.8462	
13	1.2910	1.4287	1.4512	1.7903	1.6734	1.0279	0.6876	
	1.6221	1.4597	1.4439	1.2012	1.2810	2.0675	2.8077	
14	1.6452	1.6744	1.6907	1.6869	1.0497	0.6509		
	1.2706	1.2558	1.2543	1.2609	1.8531	2.9514		
15	0.8634	0.8517	0.8255	0.7380	F-SUB-Q			
	2.1947	2.2066	2.2787	2.6047	M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2566	1.4275	1.7633	1.3800	1.7258	1.2797	1.6267	0.8674
	1.7825	1.5429	1.2674	1.5901	1.2805	1.6925	1.3280	2.2568
9	1.4275	1.7124	1.3790	1.7020	1.3639	1.4156	1.6566	0.8524
	1.5429	1.3082	1.6019	1.3065	1.5993	1.5192	1.3093	2.2768
10	1.7633	1.3802	1.5331	1.5688	1.7471	1.4405	1.6758	0.8302
	1.2674	1.6006	1.4363	1.3843	1.2729	1.4944	1.3015	2.3359
11	1.3800	1.7024	1.5688	1.7731	1.5924	1.7786	1.6742	0.7438
	1.5901	1.3061	1.3844	1.2530	1.3633	1.2392	1.3036	2.6589
12	1.7258	1.3641	1.7460	1.5906	1.4731	1.6697	1.0693	
	1.2805	1.5993	1.2737	1.3651	1.4712	1.3240	1.8677	
13	1.2797	1.4145	1.4390	1.7749	1.6609	1.0169	0.6924	
	1.6925	1.5203	1.4962	1.2417	1.3311	2.1632	2.8769	
14	1.6267	1.6566	1.6743	1.6715	1.0654	0.6592		
	1.3280	1.3091	1.3025	1.3056	1.8747	3.0068		
15	0.8674	0.8551	0.8308	0.7435	F-SUB-Q			
	2.2568	2.2693	2.3337	2.6584	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2664	* 1.4414	* 1.7971	* 1.3910	* 1.7552	* 1.2859	* 1.6550	* 0.8613
	* 1.8349	* 1.5873	* 1.2914	* 1.6386	* 1.3093	* 1.7512	* 1.3559	* 2.3595
9	* 1.4414	* 1.7453	* 1.3904	* 1.7334	* 1.3734	* 1.4269	* 1.6851	* 0.8462
	* 1.5873	* 1.3331	* 1.6496	* 1.3318	* 1.6482	* 1.5633	* 1.3349	* 2.3827
10	* 1.7971	* 1.3917	* 1.5502	* 1.5863	* 1.7762	* 1.4532	* 1.7057	* 0.8210
	* 1.2914	* 1.6480	* 1.4751	* 1.4210	* 1.2965	* 1.5346	* 1.3247	* 2.4478
11	* 1.3910	* 1.7338	* 1.5862	* 1.8075	* 1.6115	* 1.8116	* 1.7060	* 0.7365
	* 1.6386	* 1.3315	* 1.4211	* 1.2728	* 1.3928	* 1.2589	* 1.3240	* 2.7792
12	* 1.7552	* 1.3736	* 1.7751	* 1.6096	* 1.4872	* 1.6950	* 1.0569	
	* 1.3093	* 1.6482	* 1.2974	* 1.3948	* 1.5049	* 1.3464	* 1.9517	
13	* 1.2859	* 1.4257	* 1.4517	* 1.8077	* 1.6866	* 1.0319	* 0.6855	
	* 1.7512	* 1.5644	* 1.5365	* 1.2615	* 1.3532	* 2.1967	* 2.9924	
14	* 1.6550	* 1.6852	* 1.7044	* 1.7033	* 1.0531	* 0.6486		
	* 1.3559	* 1.3347	* 1.3256	* 1.3260	* 1.9587	* 3.1472		
15	* 0.8613	* 0.8481	* 0.8216	* 0.7364	* F-SUB-Q			
	* 2.3595	* 2.3754	* 2.4454	* 2.7778	* M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2675	* 1.4453	* 1.8073	* 1.3934	* 1.7624	* 1.2847	* 1.6611	* 0.8612
	* 1.8906	* 1.6329	* 1.3338	* 1.6931	* 1.3625	* 1.8306	* 1.4094	* 2.4601
9	* 1.4453	* 1.7550	* 1.3932	* 1.7419	* 1.3744	* 1.4265	* 1.6916	* 0.8455
	* 1.6329	* 1.3755	* 1.6997	* 1.3832	* 1.7179	* 1.6302	* 1.3858	* 2.4848
10	* 1.8073	* 1.3945	* 1.5536	* 1.5899	* 1.7847	* 1.4544	* 1.7136	* 0.8202
	* 1.3338	* 1.6987	* 1.5258	* 1.4776	* 1.3445	* 1.5979	* 1.3712	* 2.5510
11	* 1.3934	* 1.7423	* 1.5898	* 1.8178	* 1.6164	* 1.8213	* 1.7149	* 0.7365
	* 1.6931	* 1.3828	* 1.4777	* 1.3190	* 1.4463	* 1.3046	* 1.3717	* 2.8871
12	* 1.7624	* 1.3747	* 1.7836	* 1.6144	* 1.4885	* 1.7027	* 1.0594	
	* 1.3625	* 1.7180	* 1.3455	* 1.4484	* 1.5646	* 1.3947	* 2.0253	
13	* 1.2846	* 1.4254	* 1.4529	* 1.8174	* 1.6941	* 1.0349	* 0.6854	
	* 1.8306	* 1.6314	* 1.5998	* 1.3073	* 1.4018	* 2.2770	* 3.1087	
14	* 1.6611	* 1.6917	* 1.7123	* 1.7123	* 1.0557	* 0.6484		
	* 1.4094	* 1.3856	* 1.3721	* 1.3736	* 2.0327	* 3.2699		
15	* 0.8612	* 0.8474	* 0.8209	* 0.7364	* F-SUB-Q			
	* 2.4601	* 2.4779	* 2.5484	* 2.8856	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2612	* 1.4408	* 1.7972	* 1.3886	* 1.7510	* 1.2773	* 1.6492	* 0.8658
	* 1.8505	* 1.5956	* 1.3067	* 1.6543	* 1.3388	* 1.8023	* 1.4189	* 2.4473
9	* 1.4408	* 1.7453	* 1.3887	* 1.7327	* 1.3685	* 1.4166	* 1.6807	* 0.8488
	* 1.5956	* 1.3479	* 1.6608	* 1.3568	* 1.6816	* 1.6178	* 1.3977	* 2.4743
10	* 1.7972	* 1.3900	* 1.5452	* 1.5823	* 1.7759	* 1.4462	* 1.7039	* 0.8258
	* 1.3067	* 1.6598	* 1.4946	* 1.4529	* 1.3340	* 1.5935	* 1.3866	* 2.5386
11	* 1.3886	* 1.7332	* 1.5823	* 1.8097	* 1.6096	* 1.8118	* 1.7062	* 0.7421
	* 1.6543	* 1.3564	* 1.4529	* 1.3129	* 1.4468	* 1.3131	* 1.3892	* 2.8792
12	* 1.7510	* 1.3688	* 1.7747	* 1.6078	* 1.4794	* 1.6959	* 1.0742	
	* 1.3388	* 1.6814	* 1.3347	* 1.4483	* 1.5762	* 1.4075	* 2.0087	
13	* 1.2773	* 1.4155	* 1.4447	* 1.8078	* 1.6862	* 1.0267	* 0.6896	
	* 1.8023	* 1.6189	* 1.5952	* 1.3157	* 1.4152	* 2.3141	* 3.1194	
14	* 1.6492	* 1.6809	* 1.7026	* 1.7035	* 1.0702	* 0.6548		
	* 1.4189	* 1.3974	* 1.3874	* 1.3910	* 2.0160	* 3.2680		
15	* 0.8658	* 0.8517	* 0.8265	* 0.7419	F-SUB-Q			
	* 2.4473	* 2.4659	* 2.5358	* 2.8780	M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2716	* 1.4558	* 1.8312	* 1.4005	* 1.7813	* 1.2851	* 1.6800	* 0.8614
	* 1.7949	* 1.5440	* 1.2537	* 1.6038	* 1.2865	* 1.7506	* 1.3613	* 2.3998
9	* 1.4558	* 1.7787	* 1.4011	* 1.7641	* 1.3790	* 1.4290	* 1.7118	* 0.8444
	* 1.5440	* 1.2930	* 1.6095	* 1.3028	* 1.6311	* 1.5672	* 1.3405	* 2.4308
10	* 1.8312	* 1.4025	* 1.5629	* 1.6003	* 1.8053	* 1.4605	* 1.7371	* 0.8183
	* 1.2537	* 1.6084	* 1.4446	* 1.4038	* 1.2815	* 1.5405	* 1.3278	* 2.4998
11	* 1.4005	* 1.7647	* 1.6003	* 1.8437	* 1.6297	* 1.8465	* 1.7401	* 0.7361
	* 1.6038	* 1.3023	* 1.4038	* 1.2583	* 1.3945	* 1.2570	* 1.3287	* 2.8316
12	* 1.7813	* 1.3793	* 1.8042	* 1.6276	* 1.4944	* 1.7232	* 1.0638	
	* 1.2865	* 1.6309	* 1.2821	* 1.3965	* 1.5223	* 1.3508	* 1.9777	
13	* 1.2851	* 1.4279	* 1.4590	* 1.8425	* 1.7141	* 1.0422	* 0.6833	
	* 1.7506	* 1.5683	* 1.5421	* 1.2595	* 1.3576	* 2.2211	* 3.0660	
14	* 1.6800	* 1.7120	* 1.7358	* 1.7374	* 1.0599	* 0.6448		
	* 1.3613	* 1.3402	* 1.3285	* 1.3304	* 1.9847	* 3.2317		
15	* 0.8614	* 0.8463	* 0.8191	* 0.7360	F-SUB-Q			
	* 2.3998	* 2.4230	* 2.4969	* 2.8296	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2758	* 1.4641	* 1.8484	* 1.4069	* 1.7962	* 1.2883	* 1.6956	* 0.8619
	* 1.7282	* 1.4828	* 1.2007	* 1.5410	* 1.2328	* 1.6843	* 1.3026	* 2.3121
9	* 1.4641	* 1.7956	* 1.4078	* 1.7791	* 1.3841	* 1.4338	* 1.7281	* 0.8446
	* 1.4828	* 1.2384	* 1.5463	* 1.2489	* 1.5691	* 1.5079	* 1.2835	* 2.3423
10	* 1.8484	* 1.4092	* 1.5710	* 1.6091	* 1.8206	* 1.4675	* 1.7555	* 0.8175
	* 1.2007	* 1.5451	* 1.3881	* 1.3501	* 1.2300	* 1.4825	* 1.2711	* 2.4115
11	* 1.4069	* 1.7798	* 1.6091	* 1.8611	* 1.6405	* 1.8652	* 1.7591	* 0.7358
	* 1.5410	* 1.2484	* 1.3500	* 1.2079	* 1.3426	* 1.2058	* 1.2718	* 2.7284
12	* 1.7962	* 1.3844	* 1.8194	* 1.6382	* 1.5010	* 1.7388	* 1.0654	
	* 1.2328	* 1.5689	* 1.2306	* 1.3445	* 1.4695	* 1.2971	* 1.9066	
13	* 1.2883	* 1.4326	* 1.4660	* 1.8610	* 1.7294	* 1.0493	* 0.6820	
	* 1.6843	* 1.5089	* 1.4840	* 1.2081	* 1.3035	* 2.1287	* 2.9550	
14	* 1.6956	* 1.7284	* 1.7542	* 1.7565	* 1.0615	* 0.6418		
	* 1.3026	* 1.2831	* 1.2718	* 1.2733	* 1.9133	* 3.1235		
15	* 0.8619	* 0.8466	* 0.8183	* 0.7359	* F-SUB-Q			
	* 2.3121	* 2.3354	* 2.4087	* 2.7262	* M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2774	* 1.4682	* 1.8563	* 1.4097	* 1.8034	* 1.2898	* 1.7032	* 0.8656
	* 1.6714	* 1.4314	* 1.1571	* 1.4889	* 1.1882	* 1.6285	* 1.2542	* 2.2277
9	* 1.4682	* 1.8036	* 1.4109	* 1.7861	* 1.3858	* 1.4356	* 1.7367	* 0.8470
	* 1.4314	* 1.1934	* 1.4938	* 1.2039	* 1.5168	* 1.4572	* 1.2348	* 2.2594
10	* 1.8563	* 1.4124	* 1.5750	* 1.6129	* 1.8276	* 1.4700	* 1.7653	* 0.8206
	* 1.1571	* 1.4928	* 1.3404	* 1.3034	* 1.1842	* 1.4309	* 1.2215	* 2.3237
11	* 1.4097	* 1.7868	* 1.6129	* 1.8701	* 1.6460	* 1.8751	* 1.7695	* 0.7391
	* 1.4889	* 1.2034	* 1.3033	* 1.1623	* 1.2933	* 1.1588	* 1.2212	* 2.6257
12	* 1.8034	* 1.3862	* 1.8264	* 1.6437	* 1.5035	* 1.7470	* 1.0723	
	* 1.1882	* 1.5165	* 1.1850	* 1.2952	* 1.4182	* 1.2471	* 1.8299	
13	* 1.2898	* 1.4344	* 1.4685	* 1.8709	* 1.7372	* 1.0507	* 0.6837	
	* 1.6285	* 1.4583	* 1.4324	* 1.1611	* 1.2536	* 2.0524	* 2.8466	
14	* 1.7032	* 1.7370	* 1.7640	* 1.7667	* 1.0683	* 0.6445		
	* 1.2542	* 1.2345	* 1.2221	* 1.2228	* 1.8364	* 3.0036		
15	* 0.8656	* 0.8491	* 0.8214	* 0.7391	* F-SUB-Q			
	* 2.2277	* 2.2526	* 2.3210	* 2.6238	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2732	* 1.4658	* 1.8485	* 1.4072	* 1.7963	* 1.2870	* 1.6970	* 0.8725
	* 1.7589	* 1.5042	* 1.2189	* 1.5655	* 1.2514	* 1.7127	* 1.3196	* 2.3181
9	* 1.4658	* 1.7958	* 1.4085	* 1.7771	* 1.3824	* 1.4320	* 1.7319	* 0.8527
	* 1.5042	* 1.2572	* 1.5703	* 1.2692	* 1.5953	* 1.5337	* 1.2977	* 2.3507
10	* 1.8485	* 1.4100	* 1.5702	* 1.6081	* 1.8212	* 1.4676	* 1.7613	* 0.8286
	* 1.2189	* 1.5691	* 1.4110	* 1.3711	* 1.2463	* 1.5028	* 1.2821	* 2.4128
11	* 1.4072	* 1.7779	* 1.6082	* 1.8625	* 1.6428	* 1.8706	* 1.7663	* 0.7465
	* 1.5655	* 1.2686	* 1.3710	* 1.2225	* 1.3564	* 1.2160	* 1.2806	* 2.7242
12	* 1.7963	* 1.3828	* 1.8199	* 1.6409	* 1.5058	* 1.7436	* 1.0883	
	* 1.2514	* 1.5950	* 1.2471	* 1.3580	* 1.4779	* 1.3073	* 1.8871	
13	* 1.2870	* 1.4310	* 1.4658	* 1.8662	* 1.7332	* 1.0448	* 0.6889	
	* 1.7127	* 1.5348	* 1.5046	* 1.2185	* 1.3146	* 2.1584	* 2.9566	
14	* 1.6970	* 1.7322	* 1.7600	* 1.7635	* 1.0841	* 0.6520		
	* 1.3196	* 1.2973	* 1.2827	* 1.2822	* 1.8942	* 3.1074		
15	* 0.8725	* 0.8559	* 0.8294	* 0.7464	* F-SUB-Q			
	* 2.3181	* 2.3421	* 2.4099	* 2.7229	* M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2819	* 1.4785	* 1.8814	* 1.4169	* 1.8282	* 1.2959	* 1.7315	* 0.8671
	* 1.6905	* 1.4466	* 1.1621	* 1.5099	* 1.1943	* 1.6538	* 1.2571	* 2.2695
9	* 1.4785	* 1.8279	* 1.4186	* 1.8059	* 1.3912	* 1.4444	* 1.7673	* 0.8482
	* 1.4466	* 1.1976	* 1.5132	* 1.2122	* 1.5397	* 1.4762	* 1.2354	* 2.3017
10	* 1.8814	* 1.4202	* 1.5878	* 1.6249	* 1.8507	* 1.4813	* 1.7987	* 0.8203
	* 1.1621	* 1.5119	* 1.3545	* 1.3171	* 1.1886	* 1.4441	* 1.2183	* 2.3702
11	* 1.4169	* 1.8068	* 1.6250	* 1.8947	* 1.6628	* 1.9075	* 1.8037	* 0.7389
	* 1.5099	* 1.2116	* 1.3170	* 1.1646	* 1.2983	* 1.1556	* 1.2161	* 2.6748
12	* 1.8282	* 1.3917	* 1.8491	* 1.6603	* 1.5156	* 1.7725	* 1.0746	
	* 1.1943	* 1.5393	* 1.1894	* 1.3003	* 1.4231	* 1.2446	* 1.8529	
13	* 1.2959	* 1.4432	* 1.4796	* 1.9030	* 1.7620	* 1.0594	* 0.6800	
	* 1.6538	* 1.4773	* 1.4458	* 1.1580	* 1.2514	* 2.0626	* 2.9085	
14	* 1.7315	* 1.7677	* 1.7974	* 1.8008	* 1.0705	* 0.6388		
	* 1.2571	* 1.2350	* 1.2190	* 1.2177	* 1.8599	* 3.0801		
15	* 0.8671	* 0.8504	* 0.8211	* 0.7390	* F-SUB-Q			
	* 2.2695	* 2.2955	* 2.3674	* 2.6727	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2760	* 1.4733	* 1.8777	* 1.4104	* 1.8255	* 1.2921	* 1.7328	* 0.8640
	* 1.6373	* 1.4025	* 1.1251	* 1.4663	* 1.1556	* 1.6038	* 1.2134	* 2.2026
9	* 1.4733	* 1.8241	* 1.4127	* 1.7995	* 1.3846	* 1.4411	* 1.7703	* 0.8451
	* 1.4025	* 1.1590	* 1.4686	* 1.1755	* 1.4954	* 1.4300	* 1.1910	* 2.2334
10	* 1.8777	* 1.4144	* 1.5846	* 1.6204	* 1.8460	* 1.4782	* 1.8020	* 0.8170
	* 1.1251	* 1.4673	* 1.3119	* 1.2761	* 1.1504	* 1.3972	* 1.1734	* 2.3003
11	* 1.4104	* 1.8004	* 1.6205	* 1.8899	* 1.6605	* 1.9091	* 1.8071	* 0.7355
	* 1.4663	* 1.1749	* 1.2760	* 1.1264	* 1.2533	* 1.1132	* 1.1706	* 2.5963
12	* 1.8255	* 1.3851	* 1.8447	* 1.6580	* 1.5121	* 1.7715	* 1.0703	
	* 1.1556	* 1.4950	* 1.1513	* 1.2554	* 1.3721	* 1.1993	* 1.7945	
13	* 1.2921	* 1.4398	* 1.4762	* 1.9044	* 1.7607	* 1.0533	* 0.6741	
	* 1.6038	* 1.4312	* 1.3989	* 1.1157	* 1.2062	* 1.9986	* 2.8310	
14	* 1.7328	* 1.7707	* 1.8006	* 1.8040	* 1.0660	* 0.6328		
	* 1.2134	* 1.1907	* 1.1741	* 1.1723	* 1.8015	* 2.9999		
15	* 0.8640	* 0.8473	* 0.8178	* 0.7355	* F-SUB-Q			
	* 2.2026	* 2.2274	* 2.2976	* 2.5946	* M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2489	* 1.4416	* 1.8220	* 1.3798	* 1.7738	* 1.2685	* 1.6860	* 0.8591
	* 1.6242	* 1.3917	* 1.1255	* 1.4561	* 1.1547	* 1.5874	* 1.2105	* 2.1526
9	* 1.4416	* 1.7698	* 1.3828	* 1.7435	* 1.3549	* 1.4140	* 1.7247	* 0.8389
	* 1.3917	* 1.1594	* 1.4571	* 1.1778	* 1.4845	* 1.4164	* 1.1862	* 2.1849
10	* 1.8220	* 1.3844	* 1.5519	* 1.5852	* 1.7950	* 1.4496	* 1.7544	* 0.8149
	* 1.1255	* 1.4559	* 1.3013	* 1.2666	* 1.1485	* 1.3824	* 1.1686	* 2.2403
11	* 1.3798	* 1.7444	* 1.5852	* 1.8333	* 1.6260	* 1.8596	* 1.7585	* 0.7330
	* 1.4561	* 1.1772	* 1.2665	* 1.1260	* 1.2409	* 1.1076	* 1.1659	* 2.5297
12	* 1.7738	* 1.3553	* 1.7937	* 1.6234	* 1.4886	* 1.7271	* 1.0714	
	* 1.1547	* 1.4841	* 1.1492	* 1.2428	* 1.3493	* 1.1919	* 1.7382	
13	* 1.2685	* 1.4129	* 1.4476	* 1.8548	* 1.7151	* 1.0168	* 0.6684	
	* 1.5874	* 1.4173	* 1.3844	* 1.1103	* 1.1999	* 2.0067	* 2.7707	
14	* 1.6860	* 1.7250	* 1.7529	* 1.7552	* 1.0669	* 0.6326		
	* 1.2105	* 1.1859	* 1.1695	* 1.1678	* 1.7455	* 2.9126		
15	* 0.8591	* 0.8421	* 0.8157	* 0.7328	* F-SUB-Q			
	* 2.1526	* 2.1764	* 2.2378	* 2.5291	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2192	* 1.4042	* 1.7748	* 1.3415	* 1.7305	* 1.2387	* 1.6474	* 0.8260
	* 1.6246	* 1.3947	* 1.1271	* 1.4622	* 1.1548	* 1.5875	* 1.2086	* 2.1870
9	* 1.4042	* 1.7230	* 1.3464	* 1.6913	* 1.3177	* 1.3845	* 1.6868	* 0.8087
	* 1.3947	* 1.1616	* 1.4613	* 1.1846	* 1.4899	* 1.4114	* 1.1827	* 2.2149
10	* 1.7748	* 1.3481	* 1.5223	* 1.5501	* 1.7481	* 1.4154	* 1.7138	* 0.7820
	* 1.1271	* 1.4599	* 1.2950	* 1.2637	* 1.1501	* 1.3807	* 1.1659	* 2.2799
11	* 1.3415	* 1.6922	* 1.5502	* 1.7817	* 1.5918	* 1.8162	* 1.7160	* 0.7007
	* 1.4622	* 1.1839	* 1.2636	* 1.1294	* 1.2357	* 1.1050	* 1.1642	* 2.5838
12	* 1.7305	* 1.3182	* 1.7468	* 1.5892	* 1.4471	* 1.6825	* 1.0192	
	* 1.1548	* 1.4896	* 1.1509	* 1.2379	* 1.3540	* 1.1923	* 1.7817	
13	* 1.2387	* 1.3833	* 1.4136	* 1.8112	* 1.6713	* 0.9814	* 0.6371	
	* 1.5875	* 1.4125	* 1.3826	* 1.1078	* 1.2000	* 2.0275	* 2.8377	
14	* 1.6474	* 1.6870	* 1.7122	* 1.7126	* 1.0149	* 0.5977		
	* 1.2086	* 1.1825	* 1.1669	* 1.1663	* 1.7893	* 3.0092		
15	* 0.8260	* 0.8108	* 0.7827	* 0.7005	* F-SUB-Q			
	* 2.1870	* 2.2090	* 2.2774	* 2.5830	* M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1321	* 1.3029	* 1.6177	* 1.2444	* 1.5798	* 1.1515	* 1.5008	* 0.7660
	* 1.7168	* 1.4743	* 1.2120	* 1.5461	* 1.2398	* 1.6754	* 1.3005	* 2.3151
9	* 1.3029	* 1.5724	* 1.2494	* 1.5398	* 1.2240	* 1.2880	* 1.5375	* 0.7506
	* 1.4743	* 1.2476	* 1.5445	* 1.2752	* 1.5732	* 1.4878	* 1.2715	* 2.3427
10	* 1.6177	* 1.2509	* 1.4176	* 1.4425	* 1.5989	* 1.3150	* 1.5591	* 0.7247
	* 1.2120	* 1.5431	* 1.3636	* 1.3310	* 1.2320	* 1.4567	* 1.2552	* 2.4146
11	* 1.2444	* 1.5405	* 1.4425	* 1.6260	* 1.4781	* 1.6569	* 1.5587	* 0.6455
	* 1.5461	* 1.2745	* 1.3310	* 1.2120	* 1.3038	* 1.1859	* 1.2554	* 2.7529
12	* 1.5798	* 1.2243	* 1.5977	* 1.4757	* 1.3477	* 1.5365	* 0.9403	
	* 1.2398	* 1.5730	* 1.2328	* 1.3061	* 1.4261	* 1.2791	* 1.8934	
13	* 1.1515	* 1.2869	* 1.3131	* 1.6524	* 1.5260	* 0.8849	* 0.5889	
	* 1.6754	* 1.4890	* 1.4588	* 1.1889	* 1.2876	* 2.2056	* 3.0137	
14	* 1.5008	* 1.5377	* 1.5575	* 1.5555	* 0.9362	* 0.5498		
	* 1.3005	* 1.2712	* 1.2563	* 1.2577	* 1.9016	* 3.2118		
15	* 0.7660	* 0.7525	* 0.7254	* 0.6451	* F-SUB-Q			
	* 2.3151	* 2.3365	* 2.4120	* 2.7532	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 250 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9279	* 1.0707	* 1.3398	* 1.0244	* 1.3004	* 0.9422	* 1.2305	* 0.6346
	* 2.0635	* 1.7664	* 1.4402	* 1.8496	* 1.4829	* 2.0179	* 1.5629	* 2.7561
9	* 1.0707	* 1.3062	* 1.0263	* 1.3009	* 1.0098	* 1.0554	* 1.2515	* 0.6153
	* 1.7664	* 1.4783	* 1.8514	* 1.4855	* 1.8775	* 1.7884	* 1.5384	* 2.8185
10	* 1.3398	* 1.0274	* 1.1768	* 1.1887	* 1.3382	* 1.0801	* 1.2642	* 0.5955
	* 1.4402	* 1.8501	* 1.6172	* 1.5899	* 1.4462	* 1.7457	* 1.5243	* 2.8987
11	* 1.0244	* 1.3015	* 1.1888	* 1.3678	* 1.2139	* 1.3505	* 1.2526	* 0.5236
	* 1.8496	* 1.4849	* 1.5898	* 1.4172	* 1.5619	* 1.4312	* 1.5383	* 3.3482
12	* 1.3004	* 1.0100	* 1.3372	* 1.2121	* 1.1099	* 1.2285	* 0.7683	
	* 1.4829	* 1.8773	* 1.4472	* 1.5644	* 1.7046	* 1.5741	* 2.2834	
13	* 0.9422	* 1.0545	* 1.0789	* 1.3472	* 1.2201	* 0.6921	* 0.4850	
	* 2.0178	* 1.7898	* 1.7480	* 1.4345	* 1.5848	* 2.7808	* 3.6116	
14	* 1.2305	* 1.2516	* 1.2631	* 1.2502	* 0.7650	* 0.4497		
	* 1.5629	* 1.5381	* 1.5255	* 1.5410	* 2.2931	* 3.8756		
15	* 0.6346	* 0.6175	* 0.5960	* 0.5224	* F-SUB-Q			
	* 2.7561	* 2.8084	* 2.8957	* 3.3537	* M-SUB-Q			

AT 100% POWER, 250 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4239	* 0.4644	* 0.5523	* 0.4676	* 0.5321	* 0.4268	* 0.4739	* 0.2711
	* 4.4690	* 4.0272	* 3.4562	* 4.0077	* 3.5866	* 4.4074	* 4.0166	* 6.3935
9	* 0.4644	* 0.5371	* 0.4675	* 0.5492	* 0.4629	* 0.4428	* 0.4808	* 0.2629
	* 4.0272	* 3.5550	* 4.0202	* 3.4809	* 4.0502	* 4.2136	* 3.9621	* 6.5396
10	* 0.5523	* 0.4681	* 0.4890	* 0.5003	* 0.5647	* 0.4668	* 0.4837	* 0.2563
	* 3.4562	* 4.0168	* 3.8467	* 3.7320	* 3.3898	* 3.9936	* 3.9400	* 6.6755
11	* 0.4676	* 0.5493	* 0.5003	* 0.5717	* 0.5066	* 0.5461	* 0.4756	* 0.2290
	* 4.0077	* 3.4803	* 3.7323	* 3.3505	* 3.6956	* 3.5004	* 4.0098	* 7.5889
12	* 0.5321	* 0.4630	* 0.5643	* 0.5060	* 0.4652	* 0.4958	* 0.3316	
	* 3.5866	* 4.0502	* 3.3924	* 3.7002	* 4.0170	* 3.8532	* 5.2383	
13	* 0.4268	* 0.4425	* 0.4662	* 0.5447	* 0.4928	* 0.3965	* 0.2040	
	* 4.4074	* 4.2164	* 3.9990	* 3.5090	* 3.8768	* 4.8144	* 8.5156	
14	* 0.4739	* 0.4809	* 0.4836	* 0.4746	* 0.3302	* 0.1953		
	* 4.0166	* 3.9615	* 3.9412	* 4.0180	* 5.2615	* 8.8495		
15	* 0.2711	* 0.2637	* 0.2565	* 0.2284	* F-SUB-Q			
	* 6.3935	* 6.5190	* 6.6692	* 7.6037	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4524	* 0.5199	* 0.6010	* 0.5359	* 0.5935	* 0.4997	* 0.5249	* 0.3200
	* 3.4691	* 3.5255	* 3.1631	* 3.3535	* 3.1354	* 3.5671	* 3.4960	* 5.1396
9	* 0.5199	* 0.5888	* 0.5339	* 0.6065	* 0.5343	* 0.5150	* 0.5291	* 0.3135
	* 3.5255	* 3.2921	* 3.4243	* 3.1218	* 3.3883	* 3.4726	* 3.5004	* 5.2011
10	* 0.6010	* 0.5340	* 0.5584	* 0.5656	* 0.6104	* 0.5262	* 0.5294	* 0.3111
	* 3.1631	* 3.4243	* 3.2793	* 3.2203	* 3.1550	* 3.4792	* 3.5678	* 5.2356
11	* 0.5359	* 0.6064	* 0.5655	* 0.6146	* 0.5547	* 0.5793	* 0.5118	* 0.2720
	* 3.3535	* 3.1221	* 3.2204	* 3.1080	* 3.2265	* 3.2519	* 3.7258	* 6.3180
12	* 0.5935	* 0.5342	* 0.6102	* 0.5544	* 0.4751	* 0.5138	* 0.3687	
	* 3.1354	* 3.3891	* 3.1568	* 3.2292	* 3.3180	* 3.4309	* 4.5553	
13	* 0.4997	* 0.5147	* 0.5258	* 0.5786	* 0.5124	* 0.4396	* 0.2498	
	* 3.5671	* 3.4741	* 3.4829	* 3.2568	* 3.4436	* 3.8997	* 6.5638	
14	* 0.5249	* 0.5290	* 0.5293	* 0.5112	* 0.3679	* 0.2440		
	* 3.4960	* 3.4999	* 3.5677	* 3.7308	* 4.5684	* 6.6510		
15	* 0.3200	* 0.3140	* 0.3112	* 0.2717	F-SUB-Q			
	* 5.1396	* 5.1899	* 5.2326	* 6.3160	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9257	* 1.0512	* 1.2350	* 1.0277	* 1.2220	* 0.9679	* 1.1521	* 0.6697
	* 1.9460	* 1.7817	* 1.5739	* 1.7925	* 1.5582	* 1.8860	* 1.6317	* 2.5135
9	* 1.0512	* 1.2153	* 1.0249	* 1.2186	* 1.0246	* 1.0672	* 1.1620	* 0.6601
	* 1.7817	* 1.6183	* 1.8252	* 1.5838	* 1.8048	* 1.7172	* 1.6320	* 2.5312
10	* 1.2350	* 1.0252	* 1.1505	* 1.1609	* 1.2405	* 1.0685	* 1.1634	* 0.6450
	* 1.5739	* 1.8249	* 1.6317	* 1.6058	* 1.5757	* 1.7395	* 1.6600	* 2.5853
11	* 1.0277	* 1.2184	* 1.1608	* 1.2504	* 1.1565	* 1.2194	* 1.1400	* 0.5626
	* 1.7925	* 1.5840	* 1.6059	* 1.5505	* 1.5840	* 1.5764	* 1.6966	* 3.1243
12	* 1.2220	* 1.0245	* 1.2400	* 1.1560	* 1.0519	* 1.1195	* 0.7737	
	* 1.5582	* 1.8053	* 1.5766	* 1.5853	* 1.6444	* 1.6530	* 2.2169	
13	* 0.9679	* 1.0667	* 1.0678	* 1.2179	* 1.1162	* 0.7043	* 0.5455	
	* 1.8860	* 1.7179	* 1.7413	* 1.5786	* 1.6583	* 2.6007	* 3.0819	
14	* 1.1521	* 1.1620	* 1.1631	* 1.1389	* 0.7719	* 0.5239		
	* 1.6317	* 1.6318	* 1.6599	* 1.6987	* 2.2232	* 3.1762		
15	* 0.6697	* 0.6615	* 0.6453	* 0.5620	F-SUB-Q			
	* 2.5135	* 2.5248	* 2.5837	* 3.1234	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1188	* 1.2394	* 1.4651	* 1.2119	* 1.4472	* 1.1437	* 1.3682	* 0.7970
	* 1.7101	* 1.5387	* 1.3458	* 1.5433	* 1.3341	* 1.6195	* 1.3915	* 2.1448
9	* 1.2394	* 1.4208	* 1.2092	* 1.4221	* 1.2066	* 1.2570	* 1.3836	* 0.7886
	* 1.5387	* 1.4046	* 1.5702	* 1.3759	* 1.5530	* 1.4782	* 1.3909	* 2.1417
10	* 1.4651	* 1.2098	* 1.3369	* 1.3652	* 1.4533	* 1.2610	* 1.3871	* 0.7717
	* 1.3458	* 1.5698	* 1.4244	* 1.3848	* 1.3612	* 1.4936	* 1.4104	* 2.1903
11	* 1.2119	* 1.4219	* 1.3651	* 1.4635	* 1.3633	* 1.4615	* 1.3732	* 0.6837
	* 1.5433	* 1.3759	* 1.3848	* 1.3456	* 1.3625	* 1.3377	* 1.4261	* 2.6055
12	* 1.4472	* 1.2065	* 1.4528	* 1.3626	* 1.2849	* 1.3768	* 0.9458	
	* 1.3341	* 1.5532	* 1.3618	* 1.3638	* 1.4267	* 1.3949	* 1.8458	
13	* 1.1437	* 1.2563	* 1.2601	* 1.4595	* 1.3721	* 0.8745	* 0.6550	
	* 1.6195	* 1.4789	* 1.4951	* 1.3398	* 1.4001	* 2.1605	* 2.6232	
14	* 1.3682	* 1.3835	* 1.3868	* 1.3717	* 0.9433	* 0.6291		
	* 1.3915	* 1.3907	* 1.4103	* 1.4279	* 1.8514	* 2.7034		
15	* 0.7970	* 0.7906	* 0.7721	* 0.6833	* F-SUB-Q			
	* 2.1448	* 2.1359	* 2.1888	* 2.6037	* M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2061	* 1.3427	* 1.6277	* 1.3104	* 1.6042	* 1.2299	* 1.5199	* 0.8461
	* 1.6203	* 1.4435	* 1.2257	* 1.4464	* 1.2172	* 1.5234	* 1.2658	* 2.0427
9	* 1.3427	* 1.5798	* 1.3072	* 1.5828	* 1.3033	* 1.3573	* 1.5381	* 0.8376
	* 1.4435	* 1.2821	* 1.4701	* 1.2502	* 1.4560	* 1.3859	* 1.2646	* 2.0444
10	* 1.6277	* 1.3081	* 1.4465	* 1.4808	* 1.6115	* 1.3671	* 1.5447	* 0.8146
	* 1.2257	* 1.4695	* 1.3321	* 1.2914	* 1.2456	* 1.3967	* 1.2795	* 2.0973
11	* 1.3104	* 1.5828	* 1.4807	* 1.6337	* 1.4850	* 1.6318	* 1.5339	* 0.7276
	* 1.4464	* 1.2501	* 1.2914	* 1.2235	* 1.2706	* 1.2165	* 1.2940	* 2.4751
12	* 1.6042	* 1.3033	* 1.6108	* 1.4840	* 1.3984	* 1.5322	* 1.0098	
	* 1.2172	* 1.4560	* 1.2462	* 1.2719	* 1.3383	* 1.2787	* 1.7576	
13	* 1.2299	* 1.3565	* 1.3662	* 1.6295	* 1.5275	* 0.9835	* 0.6964	
	* 1.5234	* 1.3865	* 1.3981	* 1.2184	* 1.2828	* 1.9641	* 2.5167	
14	* 1.5199	* 1.5382	* 1.5444	* 1.5323	* 1.0071	* 0.6634		
	* 1.2658	* 1.2644	* 1.2793	* 1.2956	* 1.7631	* 2.6151		
15	* 0.8461	* 0.8394	* 0.8152	* 0.7275	* F-SUB-Q			
	* 2.0427	* 2.0380	* 2.0958	* 2.4720	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2294	* 1.3756	* 1.6850	* 1.3417	* 1.6554	* 1.2518	* 1.5672	* 0.8643
	* 1.6193	* 1.4317	* 1.1987	* 1.4328	* 1.1941	* 1.5157	* 1.2415	* 2.0239
9	* 1.3756	* 1.6374	* 1.3379	* 1.6455	* 1.3348	* 1.3824	* 1.5855	* 0.8538
	* 1.4317	* 1.2551	* 1.4548	* 1.2171	* 1.4426	* 1.3780	* 1.2410	* 2.0243
10	* 1.6850	* 1.3389	* 1.4786	* 1.5174	* 1.6741	* 1.3982	* 1.5954	* 0.8318
	* 1.1987	* 1.4540	* 1.3194	* 1.2752	* 1.2191	* 1.3864	* 1.2528	* 2.0781
11	* 1.3417	* 1.6455	* 1.5174	* 1.7005	* 1.5259	* 1.6906	* 1.5900	* 0.7453
	* 1.4328	* 1.2169	* 1.2752	* 1.1939	* 1.2575	* 1.1928	* 1.2674	* 2.4426
12	* 1.6554	* 1.3349	* 1.6733	* 1.5248	* 1.4320	* 1.5889	* 1.0429	
	* 1.1941	* 1.4425	* 1.2197	* 1.2588	* 1.3307	* 1.2551	* 1.7312	
13	* 1.2518	* 1.3816	* 1.3973	* 1.6882	* 1.5839	* 1.0256	* 0.7154	
	* 1.5157	* 1.3785	* 1.3878	* 1.1946	* 1.2593	* 1.9209	* 2.4982	
14	* 1.5672	* 1.5856	* 1.5946	* 1.5883	* 1.0401	* 0.6835		
	* 1.2415	* 1.2407	* 1.2526	* 1.2689	* 1.7367	* 2.5885		
15	* 0.8643	* 0.8564	* 0.8324	* 0.7453	F-SUB-Q			
	* 2.0239	* 2.0176	* 2.0764	* 2.4393	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2293	* 1.3800	* 1.6982	* 1.3466	* 1.6639	* 1.2491	* 1.5722	* 0.8687
	* 1.6395	* 1.4436	* 1.2053	* 1.4489	* 1.2047	* 1.5406	* 1.2537	* 2.0411
9	* 1.3800	* 1.6527	* 1.3427	* 1.6624	* 1.3387	* 1.3803	* 1.5909	* 0.8572
	* 1.4436	* 1.2578	* 1.4693	* 1.2206	* 1.4576	* 1.3985	* 1.2528	* 2.0438
10	* 1.6982	* 1.3437	* 1.4806	* 1.5222	* 1.6923	* 1.3994	* 1.6042	* 0.8358
	* 1.2053	* 1.4684	* 1.3349	* 1.2870	* 1.2192	* 1.4015	* 1.2615	* 2.0945
11	* 1.3466	* 1.6625	* 1.5222	* 1.7198	* 1.5334	* 1.7032	* 1.6013	* 0.7503
	* 1.4489	* 1.2205	* 1.2869	* 1.1965	* 1.2714	* 1.2006	* 1.2743	* 2.4511
12	* 1.6639	* 1.3389	* 1.6915	* 1.5326	* 1.4346	* 1.6029	* 1.0599	
	* 1.2047	* 1.4575	* 1.2196	* 1.2726	* 1.3511	* 1.2661	* 1.7317	
13	* 1.2491	* 1.3795	* 1.3986	* 1.7009	* 1.5978	* 1.0370	* 0.7224	
	* 1.5406	* 1.3990	* 1.4029	* 1.2024	* 1.2705	* 1.9389	* 2.5241	
14	* 1.5722	* 1.5911	* 1.6035	* 1.5997	* 1.0571	* 0.6925		
	* 1.2537	* 1.2525	* 1.2612	* 1.2757	* 1.7370	* 2.6067		
15	* 0.8687	* 0.8594	* 0.8364	* 0.7503	F-SUB-Q			
	* 2.0411	* 2.0379	* 2.0927	* 2.4488	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2283	1.3829	1.7132	1.3477	1.6744	1.2443	1.5807	0.8601
	1.6559	1.4499	1.2125	1.4708	1.2173	1.5730	1.2668	2.0955
9	1.3829	1.6693	1.3438	1.6798	1.3389	1.3776	1.5997	0.8484
	1.4499	1.2531	1.4907	1.2266	1.4798	1.4218	1.2646	2.0989
10	1.7132	1.3449	1.4831	1.5261	1.7107	1.3996	1.6159	0.8252
	1.2125	1.4896	1.3520	1.3004	1.2145	1.4113	1.2700	2.1527
11	1.3477	1.6800	1.5262	1.7391	1.5391	1.7164	1.6144	0.7433
	1.4708	1.2264	1.3003	1.1957	1.2846	1.2047	1.2744	2.4955
12	1.6744	1.3391	1.7100	1.5383	1.4365	1.6146	1.0515	
	1.2173	1.4796	1.2150	1.2857	1.3709	1.2775	1.7705	
13	1.2443	1.3768	1.3988	1.7141	1.6095	1.0458	0.7171	
	1.5730	1.4224	1.4125	1.2064	1.2819	1.9552	2.5864	
14	1.5807	1.5999	1.6152	1.6129	1.0486	0.6842		
	1.2668	1.2641	1.2697	1.2756	1.7757	2.6835		
15	0.8601	0.8507	0.8259	0.7435	F-SUB-Q			
	2.0955	2.0927	2.1508	2.4930	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2216	1.3782	1.7138	1.3421	1.6712	1.2342	1.5764	0.8527
	1.6915	1.4795	1.2310	1.5052	1.2441	1.6181	1.2948	2.1550
9	1.3782	1.6710	1.3382	1.6818	1.3324	1.3678	1.5954	0.8399
	1.4795	1.2727	1.5214	1.2476	1.5135	1.4569	1.2900	2.1614
10	1.7138	1.3394	1.4769	1.5210	1.7130	1.3918	1.6137	0.8169
	1.2310	1.5204	1.3761	1.3211	1.2321	1.4408	1.2912	2.2124
11	1.3421	1.6820	1.5210	1.7415	1.5349	1.7152	1.6134	0.7371
	1.5052	1.2473	1.3211	1.2109	1.3046	1.2216	1.2930	2.5448
12	1.6712	1.3327	1.7123	1.5340	1.4293	1.6136	1.0464	
	1.2441	1.5132	1.2326	1.3057	1.3936	1.2939	1.8003	
13	1.2342	1.3671	1.3911	1.7129	1.6085	1.0455	0.7122	
	1.6181	1.4575	1.4420	1.2233	1.2982	1.9827	2.6348	
14	1.5764	1.5957	1.6131	1.6119	1.0436	0.6786		
	1.2948	1.2896	1.2910	1.2942	1.8056	2.7372		
15	0.8527	0.8428	0.8176	0.7372	F-SUB-Q			
	2.1550	2.1536	2.2103	2.5414	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2177	* 1.3758	* 1.7186	* 1.3379	* 1.6729	* 1.2266	* 1.5770	* 0.8444
	* 1.7446	* 1.5105	* 1.2532	* 1.5444	* 1.2732	* 1.6684	* 1.3251	* 2.2279
9	* 1.3758	* 1.6769	* 1.3342	* 1.6875	* 1.3273	* 1.3613	* 1.5958	* 0.8307
	* 1.5105	* 1.2921	* 1.5576	* 1.2712	* 1.5522	* 1.4950	* 1.3175	* 2.2423
10	* 1.7186	* 1.3356	* 1.4743	* 1.5184	* 1.7200	* 1.3862	* 1.6154	* 0.8065
	* 1.2532	* 1.5564	* 1.4061	* 1.3487	* 1.2500	* 1.4736	* 1.3121	* 2.2884
11	* 1.3379	* 1.6879	* 1.5185	* 1.7473	* 1.5326	* 1.7179	* 1.6161	* 0.7293
	* 1.5444	* 1.2709	* 1.3486	* 1.2353	* 1.3379	* 1.2478	* 1.3168	* 2.6139
12	* 1.6729	* 1.3276	* 1.7194	* 1.5318	* 1.4246	* 1.6150	* 1.0370	*
	* 1.2732	* 1.5520	* 1.2503	* 1.3391	* 1.4313	* 1.3236	* 1.8576	*
13	* 1.2266	* 1.3605	* 1.3855	* 1.7156	* 1.6099	* 1.0462	* 0.7055	*
	* 1.6684	* 1.4956	* 1.4746	* 1.2495	* 1.3280	* 2.0280	* 2.7197	*
14	* 1.5770	* 1.5962	* 1.6149	* 1.6147	* 1.0343	* 0.6692	*	*
	* 1.3251	* 1.3170	* 1.3123	* 1.3178	* 1.8630	* 2.8380	*	*
15	* 0.8444	* 0.8324	* 0.8073	* 0.7296	* F-SUB-Q			
	* 2.2279	* 2.2338	* 2.2863	* 2.6103	* M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2026	* 1.3614	* 1.6956	* 1.3243	* 1.6481	* 1.2104	* 1.5514	* 0.8466
	* 1.8070	* 1.5649	* 1.3061	* 1.6061	* 1.3309	* 1.7413	* 1.3858	* 2.2859
9	* 1.3614	* 1.6571	* 1.3205	* 1.6665	* 1.3125	* 1.3448	* 1.5704	* 0.8317
	* 1.5649	* 1.3403	* 1.6187	* 1.3232	* 1.6128	* 1.5580	* 1.3746	* 2.2988
10	* 1.6956	* 1.3218	* 1.4553	* 1.5002	* 1.6962	* 1.3687	* 1.5905	* 0.8095
	* 1.3061	* 1.6175	* 1.4638	* 1.4013	* 1.2964	* 1.5281	* 1.3643	* 2.3398
11	* 1.3243	* 1.6669	* 1.5003	* 1.7261	* 1.5153	* 1.6929	* 1.5921	* 0.7313
	* 1.6061	* 1.3228	* 1.4012	* 1.2787	* 1.3889	* 1.2952	* 1.3652	* 2.6686
12	* 1.6481	* 1.3129	* 1.6957	* 1.5144	* 1.4044	* 1.5955	* 1.0470	*
	* 1.3309	* 1.6125	* 1.2968	* 1.3901	* 1.4948	* 1.3792	* 1.8855	*
13	* 1.2104	* 1.3442	* 1.3680	* 1.6907	* 1.5899	* 1.0305	* 0.7073	*
	* 1.7413	* 1.5586	* 1.5291	* 1.2968	* 1.3840	* 2.1251	* 2.7914	*
14	* 1.5514	* 1.5708	* 1.5901	* 1.5907	* 1.0442	* 0.6761	*	*
	* 1.3858	* 1.3741	* 1.3646	* 1.3663	* 1.8907	* 2.8904	*	*
15	* 0.8466	* 0.8341	* 0.8103	* 0.7314	* F-SUB-Q			
	* 2.2859	* 2.2914	* 2.3376	* 2.6657	* M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2073	* 1.3683	* 1.7185	* 1.3286	* 1.6675	* 1.2111	* 1.5701	* 0.8355
	* 1.8602	* 1.6110	* 1.3334	* 1.6569	* 1.3625	* 1.8020	* 1.4163	* 2.3947
9	* 1.3683	* 1.6793	* 1.3249	* 1.6890	* 1.3159	* 1.3460	* 1.5888	* 0.8202
	* 1.6110	* 1.3680	* 1.6693	* 1.3503	* 1.6629	* 1.6040	* 1.4032	* 2.4117
10	* 1.7185	* 1.3263	* 1.4648	* 1.5094	* 1.7218	* 1.3725	* 1.6105	* 0.7967
	* 1.3334	* 1.6678	* 1.5046	* 1.4402	* 1.3212	* 1.5718	* 1.3899	* 2.4536
11	* 1.3286	* 1.6895	* 1.5096	* 1.7489	* 1.5240	* 1.7136	* 1.6123	* 0.7213
	* 1.6569	* 1.3500	* 1.4400	* 1.3017	* 1.4222	* 1.3185	* 1.3891	* 2.7900
12	* 1.6675	* 1.3163	* 1.7212	* 1.5231	* 1.4115	* 1.6112	* 1.0310	
	* 1.3625	* 1.6626	* 1.3217	* 1.4235	* 1.5272	* 1.4040	* 1.9691	
13	* 1.2111	* 1.3453	* 1.3719	* 1.7114	* 1.6059	* 1.0412	* 0.6980	
	* 1.8020	* 1.6047	* 1.5728	* 1.3201	* 1.4088	* 2.1595	* 2.9018	
14	* 1.5701	* 1.5893	* 1.6102	* 1.6111	* 1.0283	* 0.6621		
	* 1.4163	* 1.4026	* 1.3901	* 1.3901	* 1.9746	* 3.0282		
15	* 0.8355	* 0.8228	* 0.7975	* 0.7216	* F-SUB-Q			
	* 2.3947	* 2.4016	* 2.4513	* 2.7863	* M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2058	* 1.3686	* 1.7234	* 1.3279	* 1.6697	* 1.2072	* 1.5712	* 0.8336
	* 1.9129	* 1.6544	* 1.3746	* 1.7066	* 1.4161	* 1.8810	* 1.4710	* 2.4929
9	* 1.3686	* 1.6843	* 1.3241	* 1.6935	* 1.3140	* 1.3425	* 1.5898	* 0.8177
	* 1.6544	* 1.4093	* 1.7167	* 1.4009	* 1.7275	* 1.6707	* 1.4559	* 2.5114
10	* 1.7234	* 1.3256	* 1.4644	* 1.5089	* 1.7267	* 1.3699	* 1.6126	* 0.7942
	* 1.3746	* 1.7153	* 1.5518	* 1.4965	* 1.3688	* 1.6360	* 1.4389	* 2.5532
11	* 1.3279	* 1.6940	* 1.5091	* 1.7534	* 1.5238	* 1.7163	* 1.6150	* 0.7195
	* 1.7066	* 1.4004	* 1.4963	* 1.3487	* 1.4764	* 1.3665	* 1.4388	* 2.8951
12	* 1.6697	* 1.3144	* 1.7261	* 1.5229	* 1.4102	* 1.6138	* 1.0313	
	* 1.4161	* 1.7272	* 1.3694	* 1.4778	* 1.5846	* 1.4534	* 2.0406	
13	* 1.2072	* 1.3418	* 1.3694	* 1.7141	* 1.6084	* 1.0420	* 0.6966	
	* 1.8810	* 1.6714	* 1.6368	* 1.3682	* 1.4584	* 2.2356	* 3.0101	
14	* 1.5712	* 1.5903	* 1.6123	* 1.6138	* 1.0285	* 0.6609		
	* 1.4710	* 1.4553	* 1.4390	* 1.4398	* 2.0463	* 3.1406		
15	* 0.8336	* 0.8214	* 0.7951	* 0.7198	* F-SUB-Q			
	* 2.4929	* 2.4988	* 2.5506	* 2.8909	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1993	1.3637	1.7136	1.3232	1.6579	1.1998	1.5586	0.8395
	1.8737	1.6178	1.3472	1.6682	1.3891	1.8447	1.4741	2.4607
9	1.3637	1.6770	1.3194	1.6850	1.3081	1.3375	1.5774	0.8228
	1.6178	1.3798	1.6783	1.3723	1.6906	1.6474	1.4621	2.4798
10	1.7136	1.3209	1.4556	1.5010	1.7153	1.3623	1.6007	0.7998
	1.3472	1.6769	1.5213	1.4687	1.3585	1.6235	1.4502	2.5247
11	1.3232	1.6855	1.5013	1.7447	1.5169	1.7045	1.6040	0.7242
	1.6682	1.3719	1.4684	1.3404	1.4716	1.3720	1.4522	2.8729
12	1.6579	1.3086	1.7148	1.5159	1.4019	1.6059	1.0443	
	1.3891	1.6901	1.3587	1.4728	1.5955	1.4620	2.0173	
13	1.1998	1.3370	1.3618	1.7024	1.6000	1.0338	0.7008	
	1.8447	1.6478	1.6243	1.3734	1.4670	2.2608	3.0031	
14	1.5586	1.5780	1.6005	1.6029	1.0416	0.6682		
	1.4741	1.4614	1.4501	1.4529	2.0226	3.1163		
15	0.8395	0.8254	0.8007	0.7244	F-SUB-Q			
	2.4607	2.4716	2.5220	2.8689	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2096	1.3777	1.7448	1.3345	1.6854	1.2068	1.5853	0.8331
	1.8187	1.5675	1.2948	1.6190	1.3373	1.7950	1.4178	2.4258
9	1.3777	1.7075	1.3306	1.7154	1.3182	1.3434	1.6040	0.8158
	1.5675	1.3263	1.6288	1.3190	1.6413	1.6014	1.4059	2.4500
10	1.7448	1.3323	1.4719	1.5175	1.7487	1.3731	1.6291	0.7912
	1.2948	1.6273	1.4723	1.4209	1.3025	1.5739	1.3919	2.4955
11	1.3345	1.7160	1.5178	1.7759	1.5329	1.7337	1.6328	0.7181
	1.6190	1.3185	1.4207	1.2867	1.4223	1.3171	1.3927	2.8301
12	1.6854	1.3188	1.7482	1.5319	1.4169	1.6297	1.0337	
	1.3373	1.6408	1.3028	1.4235	1.5442	1.4066	1.9887	
13	1.2068	1.3428	1.3727	1.7316	1.6239	1.0494	0.6950	
	1.7950	1.6020	1.5746	1.3184	1.4111	2.1720	2.9524	
14	1.5853	1.6046	1.6290	1.6318	1.0310	0.6576		
	1.4178	1.4052	1.3918	1.3933	1.9939	3.0874		
15	0.8331	0.8183	0.7921	0.7185	F-SUB-Q			
	2.4258	2.4389	2.4926	2.8255	M-SUB-Q			



TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2167	* 1.3885	* 1.7649	* 1.3438	* 1.7024	* 1.2118	* 1.6012	* 0.8348
	* 1.7548	* 1.5094	* 1.2438	* 1.5597	* 1.2853	* 1.7308	* 1.3614	* 2.3393
9	* 1.3885	* 1.7273	* 1.3398	* 1.7348	* 1.3263	* 1.3500	* 1.6200	* 0.8173
	* 1.5094	* 1.2742	* 1.5692	* 1.2676	* 1.5827	* 1.5448	* 1.3509	* 2.3634
10	* 1.7649	* 1.3416	* 1.4825	* 1.5290	* 1.7692	* 1.3813	* 1.6467	* 0.7902
	* 1.2438	* 1.5677	* 1.4185	* 1.3703	* 1.2528	* 1.5196	* 1.3377	* 2.4153
11	* 1.3438	* 1.7355	* 1.5293	* 1.7960	* 1.5446	* 1.7519	* 1.6510	* 0.7189
	* 1.5597	* 1.2671	* 1.3701	* 1.2392	* 1.3739	* 1.2684	* 1.3384	* 2.7326
12	* 1.7024	* 1.3269	* 1.7687	* 1.5436	* 1.4269	* 1.6461	* 1.0367	
	* 1.2853	* 1.5822	* 1.2530	* 1.3750	* 1.4930	* 1.3551	* 1.9231	
13	* 1.2118	* 1.3494	* 1.3808	* 1.7498	* 1.6402	* 1.0590	* 0.6956	
	* 1.7308	* 1.5454	* 1.5202	* 1.2696	* 1.3594	* 2.0864	* 2.8492	
14	* 1.6012	* 1.6207	* 1.6466	* 1.6500	* 1.0340	* 0.6559		
	* 1.3614	* 1.3502	* 1.3375	* 1.3389	* 1.9279	* 2.9894		
15	* 0.8348	* 0.8193	* 0.7912	* 0.7193	F-SUB-Q			
	* 2.3393	* 2.3566	* 2.4124	* 2.7278	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2239	* 1.3988	* 1.7813	* 1.3530	* 1.7161	* 1.2177	* 1.6134	* 0.8414
	* 1.6942	* 1.4547	* 1.1961	* 1.5038	* 1.2373	* 1.6716	* 1.3102	* 2.2513
9	* 1.3988	* 1.7447	* 1.3490	* 1.7513	* 1.3343	* 1.3568	* 1.6324	* 0.8224
	* 1.4547	* 1.2244	* 1.5131	* 1.2185	* 1.5267	* 1.4911	* 1.2996	* 2.2769
10	* 1.7813	* 1.3508	* 1.4927	* 1.5395	* 1.7847	* 1.3890	* 1.6599	* 0.7972
	* 1.1961	* 1.5116	* 1.3676	* 1.3204	* 1.2041	* 1.4648	* 1.2855	* 2.3210
11	* 1.3530	* 1.7520	* 1.5398	* 1.8130	* 1.5558	* 1.7662	* 1.6648	* 0.7245
	* 1.5038	* 1.2180	* 1.3202	* 1.1899	* 1.3218	* 1.2186	* 1.2854	* 2.6275
12	* 1.7161	* 1.3349	* 1.7841	* 1.5547	* 1.4355	* 1.6597	* 1.0476	
	* 1.2373	* 1.5262	* 1.2043	* 1.3229	* 1.4373	* 1.3016	* 1.8427	
13	* 1.2177	* 1.3562	* 1.3886	* 1.7641	* 1.6536	* 1.0651	* 0.7004	
	* 1.6716	* 1.4917	* 1.4653	* 1.2198	* 1.3059	* 2.0074	* 2.7388	
14	* 1.6134	* 1.6332	* 1.6599	* 1.6638	* 1.0449	* 0.6624		
	* 1.3102	* 1.2989	* 1.2853	* 1.2858	* 1.8474	* 2.8653		
15	* 0.8414	* 0.8260	* 0.7983	* 0.7249	F-SUB-Q			
	* 2.2513	* 2.2646	* 2.3182	* 2.6230	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2290	* 1.4074	* 1.7892	* 1.3615	* 1.7219	* 1.2231	* 1.6175	* 0.8551
	* 1.7765	* 1.5227	* 1.2539	* 1.5744	* 1.2985	* 1.7527	* 1.3748	* 2.3311
9	* 1.4074	* 1.7530	* 1.3573	* 1.7584	* 1.3425	* 1.3688	* 1.6369	* 0.8357
	* 1.5227	* 1.2830	* 1.5842	* 1.2776	* 1.5989	* 1.5588	* 1.3629	* 2.3558
10	* 1.7892	* 1.3592	* 1.4999	* 1.5468	* 1.7898	* 1.3958	* 1.6650	* 0.8109
	* 1.2539	* 1.5826	* 1.4320	* 1.3833	* 1.2626	* 1.5328	* 1.3467	* 2.4005
11	* 1.3615	* 1.7592	* 1.5471	* 1.8208	* 1.5644	* 1.7725	* 1.6705	* 0.7360
	* 1.5744	* 1.2770	* 1.3830	* 1.2454	* 1.3810	* 1.2755	* 1.3453	* 2.7191
12	* 1.7219	* 1.3430	* 1.7893	* 1.5633	* 1.4450	* 1.6681	* 1.0707	
	* 1.2985	* 1.5984	* 1.2629	* 1.3822	* 1.4950	* 1.3595	* 1.8933	
13	* 1.2231	* 1.3683	* 1.3954	* 1.7704	* 1.6615	* 1.0670	* 0.7107	
	* 1.7527	* 1.5592	* 1.5334	* 1.2768	* 1.3644	* 2.1022	* 2.8333	
14	* 1.6175	* 1.6377	* 1.6651	* 1.6696	* 1.0679	* 0.6755		
	* 1.3748	* 1.3622	* 1.3464	* 1.3458	* 1.8982	* 2.9497		
15	* 0.8551	* 0.8386	* 0.8119	* 0.7364	* F-SUB-Q			
	* 2.3311	* 2.3473	* 2.3975	* 2.7148	* M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2494	* 1.4330	* 1.8384	* 1.3840	* 1.7675	* 1.2416	* 1.6624	* 0.8550
	* 1.6995	* 1.4575	* 1.1898	* 1.5109	* 1.2348	* 1.6875	* 1.3080	* 2.2810
9	* 1.4330	* 1.8003	* 1.3798	* 1.8056	* 1.3631	* 1.3852	* 1.6819	* 0.8353
	* 1.4576	* 1.2175	* 1.5200	* 1.2136	* 1.5360	* 1.5021	* 1.2965	* 2.3081
10	* 1.8384	* 1.3818	* 1.5295	* 1.5776	* 1.8409	* 1.4197	* 1.7120	* 0.8066
	* 1.1898	* 1.5183	* 1.3711	* 1.3231	* 1.1970	* 1.4709	* 1.2793	* 2.3601
11	* 1.3840	* 1.8065	* 1.5779	* 1.8700	* 1.5951	* 1.8209	* 1.7177	* 0.7346
	* 1.5109	* 1.2130	* 1.3228	* 1.1819	* 1.3198	* 1.2111	* 1.2775	* 2.6625
12	* 1.7675	* 1.3638	* 1.8404	* 1.5939	* 1.4690	* 1.7084	* 1.0651	
	* 1.2348	* 1.5354	* 1.1972	* 1.3209	* 1.4348	* 1.2935	* 1.8578	
13	* 1.2416	* 1.3846	* 1.4193	* 1.8187	* 1.7017	* 1.0917	* 0.7084	
	* 1.6875	* 1.5026	* 1.4714	* 1.2123	* 1.2981	* 2.0025	* 2.7731	
14	* 1.6624	* 1.6828	* 1.7122	* 1.7168	* 1.0623	* 0.6672		
	* 1.3080	* 1.2958	* 1.2791	* 1.2779	* 1.8626	* 2.9137		
15	* 0.8550	* 0.8376	* 0.8077	* 0.7352	* F-SUB-Q			
	* 2.2810	* 2.3012	* 2.3571	* 2.6576	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2602	1.4476	1.8621	1.3972	1.7895	1.2532	1.6846	0.8626
	1.6273	1.3970	1.1373	1.4501	1.1813	1.6205	1.2501	2.1931
9	1.4476	1.8230	1.3931	1.8271	1.3755	1.3989	1.7048	0.8424
	1.3970	1.1636	1.4586	1.1614	1.4744	1.4408	1.2383	2.2197
10	1.8621	1.3950	1.5462	1.5949	1.8633	1.4341	1.7357	0.8132
	1.1373	1.4569	1.3138	1.2672	1.1438	1.4087	1.2205	2.2697
11	1.3972	1.8280	1.5953	1.8943	1.6137	1.8451	1.7413	0.7401
	1.4501	1.1608	1.2669	1.1277	1.2599	1.1547	1.2181	2.5615
12	1.7895	1.3762	1.8628	1.6123	1.4841	1.7295	1.0744	
	1.1813	1.4738	1.1440	1.2612	1.3683	1.2327	1.7801	
13	1.2532	1.3982	1.4337	1.8429	1.7225	1.1002	0.7117	
	1.6205	1.4414	1.4093	1.1559	1.2373	1.9197	2.6738	
14	1.6846	1.7057	1.7358	1.7403	1.0716	0.6700		
	1.2501	1.2376	1.2203	1.2186	1.7849	2.8107		
15	0.8626	0.8447	0.8144	0.7407	F-SUB-Q			
	2.1931	2.2131	2.2668	2.5569	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2550	1.4426	1.8444	1.3928	1.7735	1.2513	1.6701	0.8745
	1.5900	1.3644	1.1172	1.4165	1.1603	1.5810	1.2271	2.1068
9	1.4426	1.8055	1.3892	1.8068	1.3746	1.4055	1.6919	0.8535
	1.3644	1.1429	1.4242	1.1428	1.4389	1.3978	1.2138	2.1321
10	1.8444	1.3908	1.5412	1.5894	1.8410	1.4315	1.7216	0.8276
	1.1172	1.4230	1.2819	1.2376	1.1249	1.3724	1.1960	2.1714
11	1.3928	1.8078	1.5898	1.8781	1.6098	1.8307	1.7269	0.7500
	1.4165	1.1422	1.2373	1.1052	1.2269	1.1303	1.1931	2.4596
12	1.7735	1.3751	1.8406	1.6086	1.4849	1.7179	1.0949	
	1.1603	1.4385	1.1250	1.2280	1.3267	1.2046	1.6970	
13	1.2513	1.4051	1.4310	1.8284	1.7103	1.0825	0.7180	
	1.5810	1.3981	1.3730	1.1316	1.2096	1.8935	2.5756	
14	1.6701	1.6928	1.7217	1.7258	1.0919	0.6812		
	1.2271	1.2131	1.1958	1.1937	1.7019	2.6865		
15	0.8745	0.8566	0.8287	0.7504	F-SUB-Q			
	2.1068	2.1240	2.1687	2.4561	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2487	* 1.4333	* 1.8364	* 1.3807	* 1.7683	* 1.2453	* 1.6679	* 0.8561
	* 1.5635	* 1.3433	* 1.0971	* 1.3982	* 1.1380	* 1.5548	* 1.2011	* 2.1061
9	* 1.4333	* 1.7940	* 1.3784	* 1.7927	* 1.3598	* 1.3922	* 1.6910	* 0.8363
	* 1.3433	* 1.1245	* 1.4042	* 1.1263	* 1.4205	* 1.3789	* 1.1869	* 2.1302
10	* 1.8364	* 1.3799	* 1.5387	* 1.5851	* 1.8288	* 1.4250	* 1.7196	* 0.8085
	* 1.0971	* 1.4032	* 1.2577	* 1.2133	* 1.1064	* 1.3473	* 1.1695	* 2.1744
11	* 1.3807	* 1.7936	* 1.5855	* 1.8682	* 1.6062	* 1.8280	* 1.7227	* 0.7312
	* 1.3982	* 1.1258	* 1.2131	* 1.0852	* 1.2010	* 1.1051	* 1.1676	* 2.4671
12	* 1.7683	* 1.3605	* 1.8282	* 1.6045	* 1.4724	* 1.7085	* 1.0626	
	* 1.1380	* 1.4199	* 1.1066	* 1.2025	* 1.3066	* 1.1823	* 1.7077	
13	* 1.2453	* 1.3916	* 1.4246	* 1.8256	* 1.7010	* 1.0665	* 0.6979	
	* 1.5548	* 1.3795	* 1.3480	* 1.1065	* 1.1873	* 1.8764	* 2.5896	
14	* 1.6679	* 1.6919	* 1.7195	* 1.7214	* 1.0596	* 0.6569		
	* 1.2011	* 1.1862	* 1.1694	* 1.1683	* 1.7128	* 2.7224		
15	* 0.8561	* 0.8386	* 0.8096	* 0.7315	F-SUB-Q			
	* 2.1061	* 2.1238	* 2.1717	* 2.4636	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1860	* 1.3585	* 1.7152	* 1.3062	* 1.6565	* 1.1831	* 1.5596	* 0.8109
	* 1.6179	* 1.3925	* 1.1533	* 1.4518	* 1.1929	* 1.6081	* 1.2606	* 2.1844
9	* 1.3585	* 1.6732	* 1.3056	* 1.6695	* 1.2875	* 1.3253	* 1.5842	* 0.7920
	* 1.3925	* 1.1836	* 1.4564	* 1.1872	* 1.4735	* 1.4230	* 1.2432	* 2.2101
10	* 1.7152	* 1.3071	* 1.4634	* 1.5065	* 1.7059	* 1.3531	* 1.6080	* 0.7648
	* 1.1533	* 1.4552	* 1.2990	* 1.2534	* 1.1637	* 1.3925	* 1.2267	* 2.2581
11	* 1.3062	* 1.6703	* 1.5068	* 1.7463	* 1.5261	* 1.7136	* 1.6081	* 0.6881
	* 1.4518	* 1.1866	* 1.2531	* 1.1389	* 1.2403	* 1.1563	* 1.2264	* 2.5753
12	* 1.6565	* 1.2882	* 1.7054	* 1.5245	* 1.3978	* 1.5987	* 1.0022	
	* 1.1929	* 1.4730	* 1.1639	* 1.2419	* 1.3504	* 1.2390	* 1.7764	
13	* 1.1831	* 1.3246	* 1.3526	* 1.7111	* 1.5912	* 0.9833	* 0.6588	
	* 1.6081	* 1.4236	* 1.3932	* 1.1578	* 1.2447	* 1.9973	* 2.6941	
14	* 1.5596	* 1.5850	* 1.6079	* 1.6067	* 0.9992	* 0.6160		
	* 1.2606	* 1.2425	* 1.2267	* 1.2273	* 1.7819	* 2.8514		
15	* 0.8109	* 0.7941	* 0.7658	* 0.6881	F-SUB-Q			
	* 2.1844	* 2.2036	* 2.2553	* 2.5726	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 350 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0003	1.1445	1.4209	1.0995	1.3741	0.9971	1.2893	0.6854
	1.8908	1.6282	1.3710	1.6998	1.4156	1.8806	1.5013	2.5481
9	1.1445	1.4033	1.0992	1.4054	1.0860	1.1185	1.3066	0.6639
	1.6282	1.3888	1.7049	1.3880	1.7210	1.6610	1.4833	2.5998
10	1.4209	1.1007	1.2522	1.2704	1.4495	1.1426	1.3223	0.6422
	1.3710	1.7031	1.4956	1.4634	1.3484	1.6242	1.4675	2.6517
11	1.0995	1.4060	1.2707	1.4657	1.2865	1.4148	1.3172	0.5697
	1.6998	1.3873	1.4631	1.3348	1.4484	1.3776	1.4737	3.0670
12	1.3741	1.0864	1.4491	1.2852	1.1836	1.3146	0.8340	
	1.4156	1.7205	1.3487	1.4501	1.5722	1.4805	2.1026	
13	0.9971	1.1180	1.1421	1.4128	1.3071	0.7891	0.5564	
	1.8806	1.6617	1.6251	1.3794	1.4889	2.4536	3.1464	
14	1.2893	1.3072	1.3221	1.3160	0.8314	0.5168		
	1.5013	1.4826	1.4676	1.4749	2.1093	3.3529		
15	0.6854	0.6661	0.6430	0.5689	F-SUB-Q			
	2.5481	2.5901	2.6486	3.0684	M-SUB-Q			

AT 100% POWER, 350 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.4803	0.5214	0.6165	0.5260	0.5947	0.4757	0.5268	0.3067
	3.8910	3.5285	3.1202	3.5088	3.2314	3.8958	3.6317	5.6351
9	0.5214	0.6037	0.5257	0.6177	0.5204	0.4951	0.5336	0.2973
	3.5285	3.1877	3.5205	3.1180	3.5463	3.7044	3.5889	5.7453
10	0.6165	0.5263	0.5494	0.5613	0.6315	0.5196	0.5379	0.2899
	3.1202	3.5178	3.3645	3.2672	3.0533	3.5257	3.5644	5.8139
11	0.5260	0.6179	0.5614	0.6384	0.5653	0.6069	0.5321	0.2612
	3.5088	3.1171	3.2668	3.0223	3.2510	3.1703	3.6036	6.6236
12	0.5947	0.5205	0.6313	0.5649	0.5230	0.5639	0.3769	
	3.2314	3.5457	3.0541	3.2539	3.5097	3.4081	4.5997	
13	0.4757	0.4949	0.5193	0.6059	0.5611	0.4640	0.2454	
	3.8958	3.7056	3.5282	3.1753	3.4251	4.1346	7.0663	
14	0.5268	0.5338	0.5377	0.5315	0.3756	0.2352		
	3.6317	3.5871	3.5654	3.6076	4.6157	7.2978		
15	0.3067	0.2982	0.2902	0.2607	F-SUB-Q			
	5.6351	5.7256	5.8077	6.6286	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5368	* 0.6210	* 0.7167	* 0.6409	* 0.7102	* 0.6036	* 0.6381	* 0.4005
	* 2.7794	* 2.9029	* 2.6892	* 2.7531	* 2.6594	* 2.9079	* 2.9224	* 4.0077
9	* 0.6210	* 0.7038	* 0.6378	* 0.7241	* 0.6401	* 0.6224	* 0.6419	* 0.3937
	* 2.9029	* 2.7978	* 2.8115	* 2.6513	* 2.7730	* 2.8223	* 2.9267	* 4.0297
10	* 0.7167	* 0.6380	* 0.6679	* 0.6738	* 0.7284	* 0.6325	* 0.6430	* 0.3901
	* 2.6892	* 2.8114	* 2.6879	* 2.6438	* 2.6872	* 2.8417	* 2.9807	* 4.0339
11	* 0.6409	* 0.7240	* 0.6738	* 0.7316	* 0.6617	* 0.6980	* 0.6261	* 0.3456
	* 2.7531	* 2.6514	* 2.6437	* 2.6475	* 2.6299	* 2.7500	* 3.1122	* 4.8710
12	* 0.7102	* 0.6401	* 0.7282	* 0.6615	* 0.5611	* 0.6296	* 0.4580	
	* 2.6594	* 2.7735	* 2.6872	* 2.6322	* 2.6560	* 2.8156	* 3.5309	
13	* 0.6036	* 0.6222	* 0.6323	* 0.6974	* 0.6283	* 0.5644	* 0.3329	
	* 2.9079	* 2.8230	* 2.8420	* 2.7531	* 2.8237	* 3.1235	* 4.9671	
14	* 0.6381	* 0.6420	* 0.6429	* 0.6256	* 0.4572	* 0.3260		
	* 2.9224	* 2.9261	* 2.9801	* 3.1150	* 3.5431	* 4.8645		
15	* 0.4005	* 0.3942	* 0.3903	* 0.3453	F-SUB-Q			
	* 4.0077	* 4.0184	* 4.0314	* 4.8594	M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0082	* 1.1381	* 1.3297	* 1.1159	* 1.3174	* 1.0558	* 1.2557	* 0.7590
	* 1.7521	* 1.6191	* 1.4876	* 1.6255	* 1.4716	* 1.7098	* 1.5255	* 2.1717
9	* 1.1381	* 1.3226	* 1.1126	* 1.3413	* 1.1165	* 1.1646	* 1.2644	* 0.7481
	* 1.6191	* 1.5145	* 1.6550	* 1.4695	* 1.6334	* 1.5505	* 1.5273	* 2.1767
10	* 1.3297	* 1.1130	* 1.2436	* 1.2576	* 1.3658	* 1.1632	* 1.2679	* 0.7301
	* 1.4876	* 1.6548	* 1.4823	* 1.4543	* 1.4594	* 1.5768	* 1.5502	* 2.2133
11	* 1.1159	* 1.3412	* 1.2575	* 1.3633	* 1.2540	* 1.3234	* 1.2504	* 0.6458
	* 1.6255	* 1.4696	* 1.4543	* 1.4471	* 1.4297	* 1.4808	* 1.5791	* 2.6749
12	* 1.3174	* 1.1165	* 1.3654	* 1.2536	* 1.1488	* 1.2432	* 0.8724	
	* 1.4716	* 1.6336	* 1.4600	* 1.4307	* 1.4705	* 1.5178	* 1.8926	
13	* 1.0558	* 1.1642	* 1.1627	* 1.3223	* 1.2400	* 0.8343	* 0.6534	
	* 1.7098	* 1.5510	* 1.5780	* 1.4823	* 1.5220	* 2.2329	* 2.5952	
14	* 1.2557	* 1.2645	* 1.2678	* 1.2497	* 0.8709	* 0.6285		
	* 1.5255	* 1.5270	* 1.5499	* 1.5804	* 1.8992	* 2.5876		
15	* 0.7590	* 0.7493	* 0.7306	* 0.6453	F-SUB-Q			
	* 2.1717	* 2.1700	* 2.2119	* 2.6684	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1650	* 1.2829	* 1.5275	* 1.2573	* 1.5076	* 1.1880	* 1.4419	* 0.8691
	* 1.6195	* 1.4616	* 1.3127	* 1.4645	* 1.3026	* 1.5406	* 1.3452	* 1.9251
9	* 1.2829	* 1.4920	* 1.2533	* 1.5066	* 1.2582	* 1.3062	* 1.4528	* 0.8595
	* 1.4616	* 1.3603	* 1.4889	* 1.3214	* 1.4706	* 1.4016	* 1.3479	* 1.9133
10	* 1.5275	* 1.2540	* 1.3787	* 1.4136	* 1.5366	* 1.3116	* 1.4586	* 0.8419
	* 1.3127	* 1.4885	* 1.3557	* 1.3120	* 1.3124	* 1.4146	* 1.3648	* 1.9450
11	* 1.2573	* 1.5065	* 1.4136	* 1.5473	* 1.4119	* 1.5320	* 1.4495	* 0.7556
	* 1.4645	* 1.3213	* 1.3119	* 1.2952	* 1.2890	* 1.2997	* 1.3780	* 2.3183
12	* 1.5076	* 1.2582	* 1.5362	* 1.4114	* 1.3405	* 1.4454	* 1.0282	
	* 1.3026	* 1.4706	* 1.3129	* 1.2899	* 1.3435	* 1.3519	* 1.6336	
13	* 1.1880	* 1.3057	* 1.3111	* 1.5307	* 1.4426	* 0.9917	* 0.7512	
	* 1.5406	* 1.4020	* 1.4155	* 1.3010	* 1.3548	* 1.9393	* 2.3069	
14	* 1.4419	* 1.4529	* 1.4586	* 1.4485	* 1.0262	* 0.7248		
	* 1.3452	* 1.3476	* 1.3644	* 1.3790	* 1.6395	* 2.2935		
15	* 0.8691	* 0.8612	* 0.8425	* 0.7553	F-SUB-Q			
	* 1.9251	* 1.9075	* 1.9435	* 2.3115	M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2192	* 1.3457	* 1.6362	* 1.3181	* 1.6091	* 1.2387	* 1.5463	* 0.8926
	* 1.5795	* 1.4130	* 1.2380	* 1.4125	* 1.2319	* 1.4915	* 1.2649	* 1.8918
9	* 1.3457	* 1.6029	* 1.3135	* 1.6242	* 1.3176	* 1.3657	* 1.5578	* 0.8856
	* 1.4130	* 1.2818	* 1.4355	* 1.2418	* 1.4184	* 1.3539	* 1.2676	* 1.8798
10	* 1.6362	* 1.3144	* 1.4445	* 1.4829	* 1.6598	* 1.3761	* 1.5677	* 0.8628
	* 1.2380	* 1.4349	* 1.3072	* 1.2629	* 1.2289	* 1.3639	* 1.2821	* 1.9160
11	* 1.3181	* 1.6242	* 1.4830	* 1.6625	* 1.4905	* 1.6441	* 1.5615	* 0.7807
	* 1.4125	* 1.2417	* 1.2628	* 1.2213	* 1.2406	* 1.2274	* 1.2936	* 2.2651
12	* 1.6091	* 1.3178	* 1.6594	* 1.4899	* 1.4127	* 1.5566	* 1.0689	
	* 1.2319	* 1.4183	* 1.2293	* 1.2415	* 1.2954	* 1.2755	* 1.5954	
13	* 1.2387	* 1.3652	* 1.3757	* 1.6427	* 1.5520	* 1.0786	* 0.7755	
	* 1.4915	* 1.3543	* 1.3648	* 1.2286	* 1.2795	* 1.8209	* 2.2768	
14	* 1.5463	* 1.5581	* 1.5673	* 1.5606	* 1.0667	* 0.7406		
	* 1.2649	* 1.2672	* 1.2817	* 1.2946	* 1.6014	* 2.2870		
15	* 0.8926	* 0.8872	* 0.8634	* 0.7808	F-SUB-Q			
	* 1.8918	* 1.8709	* 1.9144	* 2.2576	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2159	* 1.3469	* 1.6496	* 1.3194	* 1.6177	* 1.2345	* 1.5567	* 0.8959
	* 1.6097	* 1.4302	* 1.2406	* 1.4276	* 1.2374	* 1.5119	* 1.2676	* 1.9031
9	* 1.3469	* 1.6183	* 1.3146	* 1.6415	* 1.3180	* 1.3615	* 1.5675	* 0.8860
	* 1.4302	* 1.2849	* 1.4491	* 1.2406	* 1.4323	* 1.3721	* 1.2709	* 1.8918
10	* 1.6496	* 1.3155	* 1.4423	* 1.4833	* 1.6801	* 1.3750	* 1.5808	* 0.8631
	* 1.2406	* 1.4484	* 1.3229	* 1.2749	* 1.2291	* 1.3823	* 1.2842	* 1.9335
11	* 1.3194	* 1.6415	* 1.4834	* 1.6805	* 1.4944	* 1.6569	* 1.5771	* 0.7830
	* 1.4276	* 1.2405	* 1.2747	* 1.2242	* 1.2556	* 1.2334	* 1.2970	* 2.2793
12	* 1.6177	* 1.3181	* 1.6797	* 1.4938	* 1.4155	* 1.5830	* 1.0793	
	* 1.2374	* 1.4321	* 1.2294	* 1.2565	* 1.3120	* 1.2737	* 1.6037	
13	* 1.2345	* 1.3610	* 1.3746	* 1.6556	* 1.5783	* 1.0969	* 0.7792	
	* 1.5119	* 1.3724	* 1.3831	* 1.2354	* 1.2778	* 1.8227	* 2.3063	
14	* 1.5567	* 1.5678	* 1.5806	* 1.5763	* 1.0772	* 0.7471		
	* 1.2676	* 1.2705	* 1.2837	* 1.2979	* 1.6094	* 2.3073		
15	* 0.8959	* 0.8879	* 0.8638	* 0.7832	* F-SUB-Q			
	* 1.9031	* 1.8858	* 1.9317	* 2.2712	* M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1972	* 1.3295	* 1.6320	* 1.3022	* 1.5978	* 1.2148	* 1.5379	* 0.8902
	* 1.6474	* 1.4595	* 1.2671	* 1.4633	* 1.2667	* 1.5539	* 1.2962	* 1.9361
9	* 1.3295	* 1.6022	* 1.2973	* 1.6258	* 1.2997	* 1.3394	* 1.5481	* 0.8773
	* 1.4595	* 1.3059	* 1.4843	* 1.2654	* 1.4678	* 1.4098	* 1.2998	* 1.9312
10	* 1.6320	* 1.2982	* 1.4204	* 1.4618	* 1.6650	* 1.3533	* 1.5629	* 0.8554
	* 1.2671	* 1.4835	* 1.3572	* 1.3055	* 1.2500	* 1.4148	* 1.3113	* 1.9706
11	* 1.3022	* 1.6259	* 1.4620	* 1.6650	* 1.4754	* 1.6384	* 1.5610	* 0.7770
	* 1.4633	* 1.2652	* 1.3053	* 1.2473	* 1.2875	* 1.2609	* 1.3218	* 2.3144
12	* 1.5978	* 1.2999	* 1.6647	* 1.4750	* 1.3975	* 1.5727	* 1.0749	
	* 1.2667	* 1.4675	* 1.2503	* 1.2882	* 1.3487	* 1.3010	* 1.6314	
13	* 1.2148	* 1.3389	* 1.3530	* 1.6371	* 1.5682	* 1.0897	* 0.7744	
	* 1.5539	* 1.4100	* 1.4155	* 1.2621	* 1.3050	* 1.8668	* 2.3603	
14	* 1.5379	* 1.5485	* 1.5628	* 1.5603	* 1.0729	* 0.7465		
	* 1.2962	* 1.2993	* 1.3107	* 1.3224	* 1.6370	* 2.3487		
15	* 0.8902	* 0.8794	* 0.8561	* 0.7773	* F-SUB-Q			
	* 1.9361	* 1.9248	* 1.9688	* 2.3070	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1837	* 1.3163	* 1.6247	* 1.2880	* 1.5888	* 1.1987	* 1.5310	* 0.8721
	* 1.6742	* 1.4767	* 1.2870	* 1.4986	* 1.2911	* 1.5965	* 1.3188	* 2.0027
9	* 1.3163	* 1.5977	* 1.2830	* 1.6209	* 1.2846	* 1.3233	* 1.5405	* 0.8605
	* 1.4767	* 1.3129	* 1.5190	* 1.2840	* 1.5029	* 1.4432	* 1.3223	* 1.9953
10	* 1.6247	* 1.2840	* 1.4063	* 1.4475	* 1.6601	* 1.3378	* 1.5563	* 0.8375
	* 1.2870	* 1.5181	* 1.3840	* 1.3289	* 1.2586	* 1.4355	* 1.3308	* 2.0364
11	* 1.2880	* 1.6210	* 1.4477	* 1.6591	* 1.4617	* 1.6303	* 1.5553	* 0.7624
	* 1.4986	* 1.2838	* 1.3288	* 1.2601	* 1.3127	* 1.2765	* 1.3324	* 2.3689
12	* 1.5888	* 1.2849	* 1.6599	* 1.4614	* 1.3852	* 1.5703	* 1.0581	
	* 1.2911	* 1.5026	* 1.2588	* 1.3134	* 1.3769	* 1.3183	* 1.6747	
13	* 1.1987	* 1.3228	* 1.3376	* 1.6292	* 1.5658	* 1.0857	* 0.7606	
	* 1.5965	* 1.4435	* 1.4360	* 1.2774	* 1.3223	* 1.8969	* 2.4337	
14	* 1.5310	* 1.5409	* 1.5563	* 1.5547	* 1.0561	* 0.7286		
	* 1.3188	* 1.3218	* 1.3301	* 1.3328	* 1.6803	* 2.4370		
15	* 0.8721	* 0.8625	* 0.8383	* 0.7629	F-SUB-Q			
	* 2.0027	* 1.9886	* 2.0344	* 2.3610	M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1700	* 1.3027	* 1.6124	* 1.2739	* 1.5755	* 1.1834	* 1.5192	* 0.8610
	* 1.7123	* 1.5105	* 1.3096	* 1.5379	* 1.3236	* 1.6446	* 1.3504	* 2.0615
9	* 1.3027	* 1.5869	* 1.2689	* 1.6098	* 1.2698	* 1.3069	* 1.5279	* 0.8491
	* 1.5105	* 1.3379	* 1.5524	* 1.3080	* 1.5399	* 1.4815	* 1.3536	* 2.0550
10	* 1.6124	* 1.2699	* 1.3911	* 1.4319	* 1.6487	* 1.3218	* 1.5444	* 0.8251
	* 1.3096	* 1.5514	* 1.4120	* 1.3564	* 1.2808	* 1.4687	* 1.3545	* 2.0960
11	* 1.2739	* 1.6100	* 1.4321	* 1.6473	* 1.4466	* 1.6171	* 1.5439	* 0.7523
	* 1.5379	* 1.3078	* 1.3562	* 1.2815	* 1.3370	* 1.2982	* 1.3549	* 2.4213
12	* 1.5755	* 1.2701	* 1.6486	* 1.4462	* 1.3708	* 1.5610	* 1.0470	
	* 1.3236	* 1.5396	* 1.2809	* 1.3378	* 1.4031	* 1.3369	* 1.7047	
13	* 1.1834	* 1.3065	* 1.3216	* 1.6161	* 1.5565	* 1.0779	* 0.7510	
	* 1.6446	* 1.4819	* 1.4692	* 1.2991	* 1.3410	* 1.9288	* 2.4836	
14	* 1.5192	* 1.5285	* 1.5445	* 1.5435	* 1.0450	* 0.7184		
	* 1.3504	* 1.3530	* 1.3540	* 1.3553	* 1.7104	* 2.4901		
15	* 0.8610	* 0.8511	* 0.8260	* 0.7528	F-SUB-Q			
	* 2.0615	* 2.0479	* 2.0938	* 2.4126	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1617	* 1.2944	* 1.6087	* 1.2647	* 1.5709	* 1.1733	* 1.5159	* 0.8490
	* 1.7648	* 1.5462	* 1.3341	* 1.5772	* 1.3549	* 1.6936	* 1.3807	* 2.1330
9	* 1.2944	* 1.5849	* 1.2597	* 1.6074	* 1.2599	* 1.2971	* 1.5241	* 0.8369
	* 1.5462	* 1.3616	* 1.5901	* 1.3318	* 1.5785	* 1.5177	* 1.3817	* 2.1316
10	* 1.6087	* 1.2608	* 1.3829	* 1.4229	* 1.6462	* 1.3117	* 1.5409	* 0.8119
	* 1.3341	* 1.5890	* 1.4427	* 1.3853	* 1.3055	* 1.5044	* 1.3758	* 2.1680
11	* 1.2647	* 1.6076	* 1.4232	* 1.6443	* 1.4376	* 1.6123	* 1.5406	* 0.7429
	* 1.5772	* 1.3316	* 1.3851	* 1.3086	* 1.3717	* 1.3266	* 1.3823	* 2.4826
12	* 1.5709	* 1.2603	* 1.6460	* 1.4373	* 1.3624	* 1.5595	* 1.0357	
	* 1.3549	* 1.5781	* 1.3056	* 1.3726	* 1.4403	* 1.3629	* 1.7545	
13	* 1.1733	* 1.2967	* 1.3116	* 1.6114	* 1.5548	* 1.0745	* 0.7417	
	* 1.6936	* 1.5180	* 1.5047	* 1.3274	* 1.3671	* 1.9715	* 2.5597	
14	* 1.5159	* 1.5246	* 1.5411	* 1.5402	* 1.0339	* 0.7056		
	* 1.3807	* 1.3811	* 1.3755	* 1.3824	* 1.7603	* 2.5810		
15	* 0.8490	* 0.8391	* 0.8128	* 0.7434	* F-SUB-Q			
	* 2.1330	* 2.1193	* 2.1657	* 2.4737	* M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1463	* 1.2799	* 1.5851	* 1.2507	* 1.5468	* 1.1587	* 1.4921	* 0.8557
	* 1.8259	* 1.5962	* 1.3866	* 1.6349	* 1.4115	* 1.7598	* 1.4382	* 2.1697
9	* 1.2799	* 1.5614	* 1.2456	* 1.5831	* 1.2474	* 1.2791	* 1.5004	* 0.8408
	* 1.5962	* 1.4110	* 1.6472	* 1.3842	* 1.6342	* 1.5763	* 1.4360	* 2.1705
10	* 1.5851	* 1.2467	* 1.3633	* 1.4039	* 1.6211	* 1.2949	* 1.5167	* 0.8174
	* 1.3866	* 1.6461	* 1.4976	* 1.4357	* 1.3513	* 1.5540	* 1.4255	* 2.2025
11	* 1.2507	* 1.5834	* 1.4042	* 1.6194	* 1.4199	* 1.5875	* 1.5172	* 0.7455
	* 1.6349	* 1.3840	* 1.4354	* 1.3550	* 1.4227	* 1.3754	* 1.4279	* 2.5234
12	* 1.5468	* 1.2478	* 1.6210	* 1.4195	* 1.3441	* 1.5362	* 1.0410	
	* 1.4115	* 1.6339	* 1.3514	* 1.4235	* 1.5001	* 1.4218	* 1.7857	
13	* 1.1587	* 1.2787	* 1.2948	* 1.5866	* 1.5317	* 1.0584	* 0.7443	
	* 1.7598	* 1.5767	* 1.5544	* 1.3761	* 1.4262	* 2.0579	* 2.6204	
14	* 1.4921	* 1.5010	* 1.5170	* 1.5169	* 1.0391	* 0.7167		
	* 1.4382	* 1.4353	* 1.4252	* 1.4280	* 1.7914	* 2.6102		
15	* 0.8557	* 0.8431	* 0.8183	* 0.7459	* F-SUB-Q			
	* 2.1697	* 2.1624	* 2.2002	* 2.5147	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1493	* 1.2836	* 1.6021	* 1.2528	* 1.5626	* 1.1592	* 1.5096	* 0.8429
	* 1.8738	* 1.6399	* 1.4152	* 1.6840	* 1.4415	* 1.8146	* 1.4650	* 2.2693
9	* 1.2836	* 1.5803	* 1.2477	* 1.6022	* 1.2467	* 1.2820	* 1.5170	* 0.8282
	* 1.6399	* 1.4362	* 1.6964	* 1.4097	* 1.6834	* 1.6183	* 1.4615	* 2.2704
10	* 1.6021	* 1.2488	* 1.3703	* 1.4101	* 1.6405	* 1.2972	* 1.5342	* 0.8035
	* 1.4152	* 1.6951	* 1.5360	* 1.4724	* 1.3729	* 1.5946	* 1.4485	* 2.3039
11	* 1.2528	* 1.6024	* 1.4103	* 1.6379	* 1.4251	* 1.6035	* 1.5343	* 0.7354
	* 1.6840	* 1.4095	* 1.4722	* 1.3768	* 1.4541	* 1.3977	* 1.4494	* 2.6280
12	* 1.5626	* 1.2472	* 1.6405	* 1.4248	* 1.3497	* 1.5565	* 1.0291	
	* 1.4415	* 1.6831	* 1.3729	* 1.4548	* 1.5312	* 1.4367	* 1.8506	
13	* 1.1592	* 1.2817	* 1.2972	* 1.6027	* 1.5517	* 1.0682	* 0.7344	
	* 1.8146	* 1.6186	* 1.5949	* 1.3983	* 1.4411	* 2.0900	* 2.7151	
14	* 1.5096	* 1.5177	* 1.5346	* 1.5342	* 1.0274	* 0.6991		
	* 1.4650	* 1.4607	* 1.4481	* 1.4495	* 1.8564	* 2.7354		
15	* 0.8429	* 0.8325	* 0.8045	* 0.7360	* F-SUB-Q			
	* 2.2693	* 2.2561	* 2.3014	* 2.6184	* M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1477	* 1.2829	* 1.6046	* 1.2515	* 1.5642	* 1.1567	* 1.5117	* 0.8428
	* 1.9459	* 1.7023	* 1.4656	* 1.7478	* 1.4935	* 1.8843	* 1.5153	* 2.3495
9	* 1.2829	* 1.5833	* 1.2463	* 1.6051	* 1.2447	* 1.2793	* 1.5185	* 0.8279
	* 1.7023	* 1.4868	* 1.7614	* 1.4583	* 1.7472	* 1.6786	* 1.5104	* 2.3506
10	* 1.6046	* 1.2475	* 1.3690	* 1.4085	* 1.6432	* 1.2948	* 1.5361	* 0.8027
	* 1.4656	* 1.7599	* 1.5946	* 1.5277	* 1.4190	* 1.6538	* 1.4967	* 2.3841
11	* 1.2515	* 1.6054	* 1.4088	* 1.6402	* 1.4238	* 1.6047	* 1.5363	* 0.7344
	* 1.7478	* 1.4580	* 1.5274	* 1.4230	* 1.5053	* 1.4446	* 1.4966	* 2.7187
12	* 1.5642	* 1.2452	* 1.6432	* 1.4235	* 1.3481	* 1.5600	* 1.0295	
	* 1.4935	* 1.7468	* 1.4190	* 1.5060	* 1.5834	* 1.4804	* 1.9108	
13	* 1.1567	* 1.2790	* 1.2948	* 1.6040	* 1.5552	* 1.0693	* 0.7335	
	* 1.8843	* 1.6790	* 1.6540	* 1.4452	* 1.4850	* 2.1560	* 2.8048	
14	* 1.5117	* 1.5193	* 1.5365	* 1.5363	* 1.0278	* 0.6988		
	* 1.5153	* 1.5096	* 1.4962	* 1.4966	* 1.9167	* 2.8240		
15	* 0.8428	* 0.8316	* 0.8037	* 0.7350	* F-SUB-Q			
	* 2.3495	* 2.3380	* 2.3815	* 2.7085	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1414	* 1.2784	* 1.5948	* 1.2473	* 1.5536	* 1.1512	* 1.5012	* 0.8520
	* 1.9038	* 1.6609	* 1.4425	* 1.7049	* 1.4758	* 1.8536	* 1.5229	* 2.3084
9	* 1.2784	* 1.5733	* 1.2419	* 1.5947	* 1.2443	* 1.2718	* 1.5081	* 0.8354
	* 1.6609	* 1.4659	* 1.7174	* 1.4481	* 1.7192	* 1.6651	* 1.5232	* 2.3135
10	* 1.5948	* 1.2431	* 1.3603	* 1.4010	* 1.6325	* 1.2881	* 1.5253	* 0.8105
	* 1.4425	* 1.7163	* 1.5642	* 1.5139	* 1.4271	* 1.6565	* 1.5189	* 2.3521
11	* 1.2473	* 1.5951	* 1.4013	* 1.6293	* 1.4171	* 1.5937	* 1.5264	* 0.7401
	* 1.7049	* 1.4477	* 1.5135	* 1.4341	* 1.5194	* 1.4670	* 1.5241	* 2.6984
12	* 1.5536	* 1.2447	* 1.6325	* 1.4167	* 1.3417	* 1.5499	* 1.0394	
	* 1.4758	* 1.7187	* 1.4269	* 1.5202	* 1.6134	* 1.5186	* 1.9116	
13	* 1.1512	* 1.2715	* 1.2882	* 1.5930	* 1.5450	* 1.0624	* 0.7392	
	* 1.8536	* 1.6653	* 1.6566	* 1.4673	* 1.5229	* 2.1982	* 2.8057	
14	* 1.5012	* 1.5089	* 1.5258	* 1.5264	* 1.0377	* 0.7102		
	* 1.5229	* 1.5223	* 1.5182	* 1.5238	* 1.9172	* 2.7996		
15	* 0.8520	* 0.8379	* 0.8116	* 0.7407	F-SUB-Q			
	* 2.3084	* 2.3047	* 2.3492	* 2.6882	M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1500	* 1.2886	* 1.6193	* 1.2557	* 1.5766	* 1.1574	* 1.5258	* 0.8430
	* 1.8203	* 1.5866	* 1.3678	* 1.6305	* 1.4001	* 1.7754	* 1.4423	* 2.2468
9	* 1.2886	* 1.5999	* 1.2503	* 1.6214	* 1.2476	* 1.2806	* 1.5319	* 0.8267
	* 1.5866	* 1.3881	* 1.6426	* 1.3709	* 1.6445	* 1.5915	* 1.4428	* 2.2519
10	* 1.6193	* 1.2516	* 1.3736	* 1.4137	* 1.6596	* 1.2968	* 1.5501	* 0.8006
	* 1.3678	* 1.6414	* 1.4919	* 1.4443	* 1.3506	* 1.5820	* 1.4368	* 2.2915
11	* 1.2557	* 1.6218	* 1.4140	* 1.6557	* 1.4291	* 1.6172	* 1.5510	* 0.7340
	* 1.6305	* 1.3705	* 1.4440	* 1.3581	* 1.4498	* 1.3905	* 1.4421	* 2.6160
12	* 1.5766	* 1.2482	* 1.6597	* 1.4287	* 1.3536	* 1.5783	* 1.0328	
	* 1.4001	* 1.6439	* 1.3504	* 1.4504	* 1.5423	* 1.4348	* 1.8495	
13	* 1.1574	* 1.2803	* 1.2970	* 1.6166	* 1.5734	* 1.0773	* 0.7332	
	* 1.7754	* 1.5918	* 1.5820	* 1.3907	* 1.4388	* 2.0823	* 2.7165	
14	* 1.5258	* 1.5328	* 1.5508	* 1.5512	* 1.0312	* 0.6965		
	* 1.4423	* 1.4419	* 1.4360	* 1.4417	* 1.8546	* 2.7415		
15	* 0.8430	* 0.8312	* 0.8017	* 0.7347	F-SUB-Q			
	* 2.2468	* 2.2370	* 2.2886	* 2.6056	M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1562	* 1.2971	* 1.6350	* 1.2633	* 1.5911	* 1.1625	* 1.5409	* 0.8452
	* 1.7565	* 1.5287	* 1.3135	* 1.5717	* 1.3449	* 1.7132	* 1.3840	* 2.1711
9	* 1.2971	* 1.6166	* 1.2576	* 1.6382	* 1.2545	* 1.2870	* 1.5465	* 0.8288
	* 1.5287	* 1.3322	* 1.5835	* 1.3153	* 1.5854	* 1.5346	* 1.3845	* 2.1785
10	* 1.6350	* 1.2591	* 1.3823	* 1.4228	* 1.6765	* 1.3037	* 1.5654	* 0.8006
	* 1.3135	* 1.5822	* 1.4374	* 1.3910	* 1.2953	* 1.5242	* 1.3774	* 2.2192
11	* 1.2633	* 1.6386	* 1.4232	* 1.6721	* 1.4382	* 1.6317	* 1.5665	* 0.7352
	* 1.5717	* 1.3150	* 1.3906	* 1.3026	* 1.3950	* 1.3339	* 1.3819	* 2.5277
12	* 1.5911	* 1.2551	* 1.6767	* 1.4379	* 1.3626	* 1.5962	* 1.0351	
	* 1.3449	* 1.5848	* 1.2951	* 1.3956	* 1.4829	* 1.3725	* 1.7852	
13	* 1.1625	* 1.2867	* 1.3039	* 1.6313	* 1.5912	* 1.0874	* 0.7345	
	* 1.7132	* 1.5348	* 1.5241	* 1.3340	* 1.3765	* 1.9944	* 2.6205	
14	* 1.5409	* 1.5474	* 1.5662	* 1.5668	* 1.0334	* 0.6948		
	* 1.3840	* 1.3836	* 1.3766	* 1.3815	* 1.7903	* 2.6560		
15	* 0.8452	* 0.8309	* 0.8017	* 0.7360	* F-SUB-Q			
	* 2.1711	* 2.1698	* 2.2163	* 2.5173	* M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1628	* 1.3061	* 1.6484	* 1.2718	* 1.6033	* 1.1688	* 1.5527	* 0.8536
	* 1.7030	* 1.4799	* 1.2695	* 1.5217	* 1.3002	* 1.6602	* 1.3369	* 2.0929
9	* 1.3061	* 1.6302	* 1.2660	* 1.6521	* 1.2623	* 1.2937	* 1.5582	* 0.8360
	* 1.4799	* 1.2871	* 1.5333	* 1.2703	* 1.5349	* 1.4868	* 1.3371	* 2.1000
10	* 1.6484	* 1.2675	* 1.3911	* 1.4319	* 1.6904	* 1.3110	* 1.5773	* 0.8088
	* 1.2695	* 1.5321	* 1.3920	* 1.3462	* 1.2502	* 1.4747	* 1.3292	* 2.1379
11	* 1.2718	* 1.6525	* 1.4323	* 1.6857	* 1.4478	* 1.6436	* 1.5787	* 0.7417
	* 1.5217	* 1.2700	* 1.3458	* 1.2573	* 1.3479	* 1.2874	* 1.3328	* 2.4369
12	* 1.6033	* 1.2630	* 1.6906	* 1.4474	* 1.3714	* 1.6099	* 1.0475	
	* 1.3002	* 1.5343	* 1.2500	* 1.3485	* 1.4321	* 1.3222	* 1.7143	
13	* 1.1688	* 1.2934	* 1.3112	* 1.6433	* 1.6048	* 1.0951	* 0.7409	
	* 1.6602	* 1.4870	* 1.4746	* 1.2875	* 1.3260	* 1.9236	* 2.5233	
14	* 1.5527	* 1.5591	* 1.5781	* 1.5791	* 1.0459	* 0.7039		
	* 1.3369	* 1.3362	* 1.3284	* 1.3323	* 1.7190	* 2.5465		
15	* 0.8537	* 0.8402	* 0.8100	* 0.7425	* F-SUB-Q			
	* 2.0929	* 2.0874	* 2.1350	* 2.4269	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1697	* 1.3163	* 1.6577	* 1.2822	* 1.6114	* 1.1767	* 1.5593	* 0.8726
	* 1.7923	* 1.5553	* 1.3370	* 1.5990	* 1.3697	* 1.7461	* 1.4079	* 2.1656
9	* 1.3163	* 1.6383	* 1.2761	* 1.6606	* 1.2798	* 1.3027	* 1.5648	* 0.8532
	* 1.5553	* 1.3557	* 1.6115	* 1.3376	* 1.6083	* 1.5643	* 1.4074	* 2.1765
10	* 1.6577	* 1.2776	* 1.4005	* 1.4418	* 1.6989	* 1.3197	* 1.5840	* 0.8257
	* 1.3370	* 1.6102	* 1.4635	* 1.4146	* 1.3150	* 1.5485	* 1.3980	* 2.2141
11	* 1.2822	* 1.6610	* 1.4422	* 1.6942	* 1.4582	* 1.6517	* 1.5862	* 0.7554
	* 1.5990	* 1.3372	* 1.4142	* 1.3221	* 1.4133	* 1.3527	* 1.4002	* 2.5277
12	* 1.6114	* 1.2804	* 1.6991	* 1.4577	* 1.3832	* 1.6175	* 1.0689	
	* 1.3697	* 1.6077	* 1.3148	* 1.4140	* 1.4939	* 1.3876	* 1.7727	
13	* 1.1767	* 1.3026	* 1.3200	* 1.6514	* 1.6123	* 1.1011	* 0.7547	
	* 1.7461	* 1.5646	* 1.5484	* 1.3528	* 1.3916	* 2.0175	* 2.6127	
14	* 1.5593	* 1.5659	* 1.5849	* 1.5866	* 1.0673	* 0.7231	*	
	* 1.4079	* 1.4065	* 1.3970	* 1.3997	* 1.7777	* 2.6143	*	
15	* 0.8726	* 0.8559	* 0.8269	* 0.7562	* F-SUB-Q			
	* 2.1656	* 2.1676	* 2.2111	* 2.5176	* M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1929	* 1.3429	* 1.7056	* 1.3066	* 1.6574	* 1.1978	* 1.6060	* 0.8722
	* 1.7258	* 1.5008	* 1.2799	* 1.5462	* 1.3125	* 1.6906	* 1.3455	* 2.1328
9	* 1.3429	* 1.6884	* 1.3004	* 1.7114	* 1.2959	* 1.3272	* 1.6108	* 0.8532
	* 1.5008	* 1.2953	* 1.5579	* 1.2786	* 1.5597	* 1.5104	* 1.3452	* 2.1439
10	* 1.7056	* 1.3021	* 1.4310	* 1.4731	* 1.7510	* 1.3454	* 1.6315	* 0.8232
	* 1.2799	* 1.5565	* 1.4117	* 1.3639	* 1.2553	* 1.4940	* 1.3341	* 2.1849
11	* 1.3066	* 1.7119	* 1.4735	* 1.7454	* 1.4897	* 1.6988	* 1.6334	* 0.7568
	* 1.5462	* 1.2782	* 1.3635	* 1.2620	* 1.3585	* 1.2921	* 1.3358	* 2.4804
12	* 1.6574	* 1.2966	* 1.7512	* 1.4893	* 1.4107	* 1.6693	* 1.0717	*
	* 1.3125	* 1.5591	* 1.2551	* 1.3591	* 1.4373	* 1.3183	* 1.7360	*
13	* 1.1978	* 1.3269	* 1.3458	* 1.6985	* 1.6640	* 1.1309	* 0.7561	*
	* 1.6906	* 1.5106	* 1.4938	* 1.2921	* 1.3222	* 1.9251	* 2.5585	*
14	* 1.6060	* 1.6119	* 1.6325	* 1.6339	* 1.0700	* 0.7147	*	
	* 1.3455	* 1.3442	* 1.3332	* 1.3352	* 1.7410	* 2.5953	*	
15	* 0.8722	* 0.8556	* 0.8245	* 0.7578	* F-SUB-Q			
	* 2.1328	* 2.1345	* 2.1819	* 2.4700	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2127	* 1.3666	* 1.7401	* 1.3294	* 1.6904	* 1.2178	* 1.6386	* 0.8871
	* 1.6455	* 1.4334	* 1.2197	* 1.4782	* 1.2518	* 1.6201	* 1.2861	* 2.0488
9	* 1.3666	* 1.7227	* 1.3230	* 1.7468	* 1.3185	* 1.3504	* 1.6435	* 0.8673
	* 1.4334	* 1.2337	* 1.4894	* 1.2176	* 1.4911	* 1.4458	* 1.2853	* 2.0602
10	* 1.7401	* 1.3248	* 1.4571	* 1.5008	* 1.7876	* 1.3691	* 1.6650	* 0.8366
	* 1.2197	* 1.4880	* 1.3483	* 1.3012	* 1.1946	* 1.4282	* 1.2734	* 2.0998
11	* 1.3294	* 1.7473	* 1.5013	* 1.7818	* 1.5180	* 1.7338	* 1.6671	* 0.7688
	* 1.4782	* 1.2173	* 1.3008	* 1.2004	* 1.2940	* 1.2308	* 1.2742	* 2.3837
12	* 1.6904	* 1.3193	* 1.7879	* 1.5175	* 1.4368	* 1.7042	* 1.0905	
	* 1.2518	* 1.4904	* 1.1944	* 1.2947	* 1.3682	* 1.2541	* 1.6603	
13	* 1.2178	* 1.3501	* 1.3695	* 1.7332	* 1.6986	* 1.1512	* 0.7677	
	* 1.6201	* 1.4460	* 1.4280	* 1.2308	* 1.2579	* 1.8387	* 2.4561	
14	* 1.6386	* 1.6447	* 1.6661	* 1.6676	* 1.0887	* 0.7253		
	* 1.2861	* 1.2844	* 1.2725	* 1.2736	* 1.6651	* 2.4927		
15	* 0.8871	* 0.8697	* 0.8378	* 0.7698	F-SUB-Q			
	* 2.0488	* 2.0514	* 2.0969	* 2.3737	M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2245	* 1.3827	* 1.7513	* 1.3456	* 1.7008	* 1.2329	* 1.6477	* 0.9158
	* 1.5916	* 1.3842	* 1.1839	* 1.4275	* 1.2158	* 1.5646	* 1.2490	* 1.9389
9	* 1.3827	* 1.7323	* 1.3400	* 1.7561	* 1.3475	* 1.3721	* 1.6538	* 0.8941
	* 1.3842	* 1.1984	* 1.4382	* 1.1829	* 1.4290	* 1.3926	* 1.2469	* 1.9515
10	* 1.7513	* 1.3415	* 1.4754	* 1.5201	* 1.7982	* 1.3872	* 1.6749	* 0.8649
	* 1.1839	* 1.4369	* 1.3005	* 1.2547	* 1.1586	* 1.3767	* 1.2346	* 1.9836
11	* 1.3456	* 1.7566	* 1.5206	* 1.7930	* 1.5374	* 1.7466	* 1.6777	* 0.7905
	* 1.4275	* 1.1825	* 1.2543	* 1.1634	* 1.2452	* 1.1904	* 1.2340	* 2.2627
12	* 1.7008	* 1.3482	* 1.7985	* 1.5369	* 1.4597	* 1.7109	* 1.1242	
	* 1.2158	* 1.4285	* 1.1584	* 1.2459	* 1.3110	* 1.2157	* 1.5695	
13	* 1.2329	* 1.3722	* 1.3872	* 1.7460	* 1.7050	* 1.1542	* 0.7883	
	* 1.5646	* 1.3924	* 1.3765	* 1.1906	* 1.2196	* 1.7849	* 2.3302	
14	* 1.6477	* 1.6549	* 1.6759	* 1.6782	* 1.1223	* 0.7537		
	* 1.2490	* 1.2460	* 1.2338	* 1.2335	* 1.5742	* 2.3367		
15	* 0.9158	* 0.8971	* 0.8662	* 0.7913	F-SUB-Q			
	* 1.9389	* 1.9432	* 1.9809	* 2.2539	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2425	* 1.4017	* 1.7832	* 1.3614	* 1.7323	* 1.2499	* 1.6803	* 0.9108
	* 1.5392	* 1.3398	* 1.1405	* 1.3849	* 1.1710	* 1.5148	* 1.2007	* 1.9126
9	* 1.4017	* 1.7631	* 1.3555	* 1.7877	* 1.3522	* 1.3899	* 1.6870	* 0.8902
	* 1.3398	* 1.1546	* 1.3945	* 1.1395	* 1.3939	* 1.3464	* 1.1979	* 1.9233
10	* 1.7832	* 1.3574	* 1.4989	* 1.5470	* 1.8330	* 1.4068	* 1.7083	* 0.8602
	* 1.1405	* 1.3931	* 1.2571	* 1.2094	* 1.1137	* 1.3292	* 1.1854	* 1.9560
11	* 1.3614	* 1.7883	* 1.5475	* 1.8282	* 1.5641	* 1.7814	* 1.7100	* 0.7862
	* 1.3849	* 1.1392	* 1.2090	* 1.1179	* 1.1989	* 1.1426	* 1.1852	* 2.2299
12	* 1.7323	* 1.3530	* 1.8332	* 1.5636	* 1.4780	* 1.7414	* 1.1203	
	* 1.1710	* 1.3933	* 1.1136	* 1.1995	* 1.2672	* 1.1684	* 1.5418	
13	* 1.2499	* 1.3897	* 1.4072	* 1.7810	* 1.7351	* 1.1646	* 0.7843	
	* 1.5148	* 1.3466	* 1.3291	* 1.1428	* 1.1725	* 1.7308	* 2.2932	
14	* 1.6803	* 1.6882	* 1.7093	* 1.7103	* 1.1185	* 0.7415		
	* 1.2007	* 1.1971	* 1.1847	* 1.1849	* 1.5464	* 2.3259		
15	* 0.9108	* 0.8946	* 0.8615	* 0.7870	* F-SUB-Q			
	* 1.9126	* 1.9116	* 1.9533	* 2.2215	* M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2147	* 1.3674	* 1.7228	* 1.3254	* 1.6777	* 1.2217	* 1.6241	* 0.8861
	* 1.5504	* 1.3521	* 1.1615	* 1.4004	* 1.1899	* 1.5259	* 1.2217	* 1.9346
9	* 1.3674	* 1.7035	* 1.3211	* 1.7241	* 1.3187	* 1.3619	* 1.6340	* 0.8665
	* 1.3521	* 1.1757	* 1.4087	* 1.1623	* 1.4069	* 1.3525	* 1.2160	* 1.9444
10	* 1.7228	* 1.3230	* 1.4698	* 1.5147	* 1.7695	* 1.3762	* 1.6530	* 0.8364
	* 1.1615	* 1.4072	* 1.2620	* 1.2155	* 1.1342	* 1.3364	* 1.2039	* 1.9789
11	* 1.3254	* 1.7246	* 1.5152	* 1.7681	* 1.5324	* 1.7276	* 1.6519	* 0.7608
	* 1.4004	* 1.1620	* 1.2152	* 1.1366	* 1.2028	* 1.1578	* 1.2052	* 2.2665
12	* 1.6777	* 1.3194	* 1.7697	* 1.5316	* 1.4453	* 1.6746	* 1.0840	
	* 1.1899	* 1.4063	* 1.1341	* 1.2037	* 1.2738	* 1.1932	* 1.5655	
13	* 1.2217	* 1.3616	* 1.3765	* 1.7270	* 1.6678	* 1.1108	* 0.7628	
	* 1.5259	* 1.3527	* 1.3364	* 1.1582	* 1.1979	* 1.7828	* 2.3181	
14	* 1.6241	* 1.6351	* 1.6538	* 1.6520	* 1.0820	* 0.7153		
	* 1.2217	* 1.2151	* 1.2032	* 1.2050	* 1.5706	* 2.3706		
15	* 0.8861	* 0.8688	* 0.8377	* 0.7612	* F-SUB-Q			
	* 1.9346	* 1.9372	* 1.9763	* 2.2589	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 100% POWER, 490 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0717	* 1.2049	* 1.4759	* 1.1627	* 1.4437	* 1.0768	* 1.3906	* 0.7784
	* 1.7337	* 1.5132	* 1.3362	* 1.5745	* 1.3627	* 1.7070	* 1.4051	* 2.1704
9	* 1.2049	* 1.4824	* 1.1603	* 1.5016	* 1.1581	* 1.2053	* 1.4007	* 0.7543
	* 1.5132	* 1.3306	* 1.5821	* 1.3146	* 1.5790	* 1.5059	* 1.3968	* 2.2017
10	* 1.4759	* 1.1618	* 1.3169	* 1.3368	* 1.5435	* 1.2163	* 1.4144	* 0.7272
	* 1.3362	* 1.5806	* 1.3889	* 1.3567	* 1.2803	* 1.4896	* 1.3851	* 2.2435
11	* 1.1627	* 1.5020	* 1.3372	* 1.5404	* 1.3553	* 1.4859	* 1.4139	* 0.6525
	* 1.5745	* 1.3142	* 1.3564	* 1.2841	* 1.3395	* 1.3255	* 1.3857	* 2.6047
12	* 1.4437	* 1.1588	* 1.5436	* 1.3545	* 1.2762	* 1.4593	* 0.9330	
	* 1.3627	* 1.5784	* 1.2803	* 1.3405	* 1.4201	* 1.3473	* 1.7910	
13	* 1.0768	* 1.2051	* 1.2165	* 1.4851	* 1.4534	* 0.9328	* 0.6708	
	* 1.7070	* 1.5061	* 1.4897	* 1.3261	* 1.3526	* 2.0919	* 2.5986	
14	* 1.3906	* 1.4016	* 1.4149	* 1.4137	* 0.9312	* 0.6251		
	* 1.4051	* 1.3958	* 1.3845	* 1.3857	* 1.7969	* 2.6740		
15	* 0.7784	* 0.7565	* 0.7283	* 0.6519	* F-SUB-Q			
	* 2.1704	* 2.1932	* 2.2406	* 2.5994	* M-SUB-Q			

AT 100% POWER, 490 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5574	* 0.5963	* 0.6972	* 0.6027	* 0.6825	* 0.5576	* 0.6229	* 0.3765
	* 3.2872	* 3.0121	* 2.7856	* 2.9931	* 2.8396	* 3.2499	* 3.0899	* 4.4291
9	* 0.5963	* 0.6874	* 0.6014	* 0.7049	* 0.6005	* 0.5794	* 0.6283	* 0.3649
	* 3.0121	* 2.8262	* 3.0077	* 2.7560	* 3.0003	* 3.0865	* 3.0669	* 4.4929
10	* 0.6972	* 0.6020	* 0.6287	* 0.6405	* 0.7182	* 0.6013	* 0.6316	* 0.3555
	* 2.7856	* 3.0056	* 2.8656	* 2.7876	* 2.7067	* 2.9667	* 3.0541	* 4.5316
11	* 0.6027	* 0.7052	* 0.6407	* 0.7231	* 0.6473	* 0.6986	* 0.6264	* 0.3229
	* 2.9931	* 2.7552	* 2.7870	* 2.6911	* 2.7598	* 2.7746	* 3.0814	* 5.1983
12	* 0.6825	* 0.6007	* 0.7183	* 0.6469	* 0.6097	* 0.6700	* 0.4556	
	* 2.8396	* 2.9996	* 2.7067	* 2.7623	* 2.9272	* 2.8881	* 3.6163	
13	* 0.5576	* 0.5793	* 0.6013	* 0.6980	* 0.6675	* 0.5771	* 0.3203	
	* 3.2499	* 3.0867	* 2.9673	* 2.7767	* 2.8987	* 3.3384	* 5.3776	
14	* 0.6229	* 0.6287	* 0.6317	* 0.6261	* 0.4545	* 0.3074		
	* 3.0899	* 3.0649	* 3.0527	* 3.0826	* 3.6298	* 5.3740		
15	* 0.3765	* 0.3660	* 0.3560	* 0.3226	* F-SUB-Q			
	* 4.4291	* 4.4744	* 4.5260	* 5.1889	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3369	* 0.4336	* 0.5295	* 0.4774	* 0.5461	* 0.4653	* 0.4848	* 0.2831
	* 4.7523	* 4.5506	* 3.7012	* 4.0719	* 3.5545	* 4.1816	* 4.0714	* 6.4052
9	* 0.4336	* 0.4971	* 0.4641	* 0.5361	* 0.4745	* 0.4639	* 0.4823	* 0.2755
	* 4.5506	* 4.0048	* 4.2458	* 3.6576	* 4.0943	* 4.1951	* 4.0841	* 6.5150
10	* 0.5295	* 0.4642	* 0.4887	* 0.4936	* 0.5273	* 0.4556	* 0.4638	* 0.2666
	* 3.7012	* 4.2448	* 4.0975	* 3.9877	* 3.7032	* 4.2582	* 4.1685	* 6.5786
11	* 0.4774	* 0.5359	* 0.4935	* 0.5222	* 0.4576	* 0.4676	* 0.4190	* 0.2160
	* 4.0719	* 3.6589	* 3.9888	* 3.7986	* 4.2565	* 4.0973	* 4.6060	* 8.1606
12	* 0.5461	* 0.4743	* 0.5270	* 0.4575	* 0.3550	* 0.3542	* 0.2714	
	* 3.5545	* 4.0962	* 3.7052	* 4.2613	* 4.5827	* 4.6218	* 6.2024	
13	* 0.4653	* 0.4635	* 0.4553	* 0.4670	* 0.3532	* 0.2522	* 0.1427	
	* 4.1816	* 4.1986	* 4.2611	* 4.1087	* 4.6456	* 5.7043	* 10.5603	
14	* 0.4848	* 0.4823	* 0.4636	* 0.4185	* 0.2705	* 0.1387		
	* 4.0714	* 4.0850	* 4.1706	* 4.6118	* 6.2310	* 10.8715		
15	* 0.2831	* 0.2763	* 0.2667	* 0.2157	F-SUB-Q			
	* 6.4052	* 6.4965	* 6.5761	* 8.1686	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7187	* 0.9736	* 1.2491	* 1.0274	* 1.3023	* 1.0285	* 1.2510	* 0.6647
	* 2.2805	* 2.0918	* 1.6175	* 1.9535	* 1.5399	* 1.9504	* 1.6227	* 2.8066
9	* 0.9736	* 1.1582	* 1.0104	* 1.2018	* 1.0310	* 1.1130	* 1.2522	* 0.6534
	* 2.0918	* 1.7669	* 2.0165	* 1.6818	* 1.9466	* 1.8033	* 1.6081	* 2.8012
10	* 1.2491	* 1.0109	* 1.1706	* 1.1526	* 1.1906	* 1.0511	* 1.2098	* 0.6258
	* 1.6175	* 2.0154	* 1.7568	* 1.7575	* 1.6956	* 1.9053	* 1.6489	* 2.8867
11	* 1.0274	* 1.2014	* 1.1524	* 1.1600	* 1.0529	* 1.1503	* 1.0817	* 0.5055
	* 1.9535	* 1.6820	* 1.7579	* 1.7317	* 1.8420	* 1.7053	* 1.8415	* 3.6030
12	* 1.3023	* 1.0306	* 1.1902	* 1.0526	* 0.8210	* 0.8672	* 0.6413	
	* 1.5399	* 1.9474	* 1.6962	* 1.8444	* 1.9488	* 1.8952	* 2.6959	
13	* 1.0285	* 1.1121	* 1.0505	* 1.1487	* 0.8645	* 0.4173	* 0.3583	
	* 1.9504	* 1.8049	* 1.9063	* 1.7100	* 1.9096	* 3.6671	* 4.3160	
14	* 1.2510	* 1.2522	* 1.2093	* 1.0802	* 0.6393	* 0.3430		
	* 1.6227	* 1.6083	* 1.6496	* 1.8443	* 2.7084	* 4.5092		
15	* 0.6647	* 0.6551	* 0.6261	* 0.5048	F-SUB-Q			
	* 2.8066	* 2.7941	* 2.8853	* 3.6065	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8653	* 1.1289	* 1.2449	* 1.2061	* 1.3868	* 1.2510	* 1.3891	* 0.7782
	* 1.9391	* 1.8385	* 1.6660	* 1.7086	* 1.4803	* 1.6405	* 1.4763	* 2.4193
9	* 1.1289	* 1.3530	* 1.2171	* 1.3753	* 1.2380	* 1.3564	* 1.4166	* 0.7789
	* 1.8385	* 1.5435	* 1.7105	* 1.5145	* 1.6607	* 1.5159	* 1.4460	* 2.3890
10	* 1.2449	* 1.2180	* 1.4173	* 1.3730	* 1.3533	* 1.2808	* 1.3683	* 0.7448
	* 1.6660	* 1.7092	* 1.4712	* 1.5173	* 1.5295	* 1.6016	* 1.4948	* 2.4836
11	* 1.2061	* 1.3756	* 1.3731	* 1.3549	* 1.2411	* 1.2493	* 1.2723	* 0.6175
	* 1.7086	* 1.5142	* 1.5173	* 1.5413	* 1.5721	* 1.6370	* 1.6132	* 3.0325
12	* 1.3868	* 1.2374	* 1.3528	* 1.2402	* 0.9981	* 1.0335	* 0.7762	
	* 1.4803	* 1.6615	* 1.5306	* 1.5745	* 1.6334	* 1.5975	* 2.2892	
13	* 1.2510	* 1.3553	* 1.2801	* 1.2476	* 1.0280	* 0.5313	* 0.4499	
	* 1.6405	* 1.5172	* 1.6025	* 1.6428	* 1.6103	* 2.9779	* 3.5452	
14	* 1.3891	* 1.4165	* 1.3677	* 1.2704	* 0.7734	* 0.4262		
	* 1.4763	* 1.4462	* 1.4956	* 1.6156	* 2.3005	* 3.7429		
15	* 0.7782	* 0.7812	* 0.7452	* 0.6165	* F-SUB-Q			
	* 2.4193	* 2.3822	* 2.4822	* 3.0358	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9508	* 1.2297	* 1.3655	* 1.3064	* 1.5526	* 1.3823	* 1.5620	* 0.8318
	* 1.8189	* 1.7345	* 1.5708	* 1.6286	* 1.3617	* 1.5282	* 1.3476	* 2.3221
9	* 1.2297	* 1.5178	* 1.3362	* 1.5350	* 1.3607	* 1.5116	* 1.5964	* 0.8358
	* 1.7345	* 1.4222	* 1.6086	* 1.4008	* 1.5579	* 1.4006	* 1.3184	* 2.2882
10	* 1.3655	* 1.3375	* 1.5743	* 1.5164	* 1.5113	* 1.4294	* 1.5481	* 0.7974
	* 1.5708	* 1.6069	* 1.3660	* 1.4184	* 1.4093	* 1.4814	* 1.3626	* 2.3900
11	* 1.3064	* 1.5354	* 1.5165	* 1.5147	* 1.3749	* 1.4087	* 1.4428	* 0.6692
	* 1.6286	* 1.4005	* 1.4183	* 1.4261	* 1.4532	* 1.5020	* 1.4732	* 2.8944
12	* 1.5526	* 1.3601	* 1.5102	* 1.3736	* 1.1069	* 1.1800	* 0.8419	
	* 1.3617	* 1.5586	* 1.4103	* 1.4562	* 1.5094	* 1.4570	* 2.1973	
13	* 1.3823	* 1.5102	* 1.4284	* 1.4064	* 1.1725	* 0.6232	* 0.4981	
	* 1.5282	* 1.4019	* 1.4823	* 1.5081	* 1.4695	* 2.6754	* 3.3598	
14	* 1.5620	* 1.5962	* 1.5472	* 1.4403	* 0.8386	* 0.4706		
	* 1.3476	* 1.3186	* 1.3633	* 1.4758	* 2.2089	* 3.5569		
15	* 0.8318	* 0.8380	* 0.7978	* 0.6681	* F-SUB-Q			
	* 2.3221	* 2.2806	* 2.3885	* 2.8977	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0182	1.2974	1.4363	1.3603	1.6402	1.4464	1.6558	0.8700
	1.8160	1.7280	1.5597	1.6235	1.3351	1.5128	1.3178	2.3023
9	1.2974	1.6050	1.3957	1.6188	1.4217	1.5867	1.6996	0.8733
	1.7280	1.4077	1.6083	1.3865	1.5453	1.3823	1.2838	2.2728
10	1.4363	1.3974	1.6510	1.5883	1.6022	1.5096	1.6544	0.8347
	1.5597	1.6063	1.3602	1.4138	1.3806	1.4545	1.3214	2.3666
11	1.3603	1.6192	1.5884	1.6052	1.4681	1.5157	1.5563	0.7080
	1.6235	1.3860	1.4137	1.4094	1.4269	1.4635	1.4243	2.8394
12	1.6402	1.4210	1.6007	1.4664	1.2025	1.3028	0.9100	
	1.3351	1.5460	1.3818	1.4302	1.4877	1.4173	2.1516	
13	1.4464	1.5850	1.5084	1.5127	1.2936	0.6975	0.5428	
	1.5128	1.3837	1.4556	1.4700	1.4303	2.5946	3.3097	
14	1.6558	1.6991	1.6532	1.5531	0.9060	0.5121		
	1.3178	1.2841	1.3223	1.4270	2.1637	3.5089		
15	0.8700	0.8755	0.8350	0.7066	F-SUB-Q			
	2.3023	2.2646	2.3652	2.8427	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1288	1.3615	1.4841	1.3972	1.6924	1.4866	1.7131	0.8991
	1.8445	1.7519	1.5782	1.6472	1.3439	1.5277	1.3181	2.3054
9	1.3615	1.6649	1.4376	1.6730	1.4611	1.6340	1.7661	0.9013
	1.7519	1.4257	1.6331	1.4016	1.5651	1.3947	1.2817	2.2797
10	1.4841	1.4395	1.7047	1.6387	1.6627	1.5667	1.7283	0.8653
	1.5782	1.6308	1.3793	1.4315	1.3917	1.4645	1.3207	2.3741
11	1.3972	1.6736	1.6388	1.6699	1.5599	1.6032	1.6488	0.7410
	1.6472	1.4011	1.4314	1.4227	1.4346	1.4643	1.4238	2.8488
12	1.6924	1.4603	1.6610	1.5577	1.3505	1.4680	0.9800	
	1.3439	1.5658	1.3929	1.4381	1.5003	1.4198	2.1413	
13	1.4866	1.6321	1.5651	1.5995	1.4562	0.7820	0.5921	
	1.5277	1.3962	1.4657	1.4711	1.4335	2.6029	3.3244	
14	1.7131	1.7654	1.7263	1.6443	0.9753	0.5580		
	1.3181	1.2820	1.3215	1.4266	2.1537	3.5286		
15	0.8991	0.9036	0.8656	0.7393	F-SUB-Q			
	2.3054	2.2713	2.3726	2.8525	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2975	* 1.4342	* 1.5386	* 1.4341	* 1.7490	* 1.5275	* 1.7749	* 0.9174
	* 1.8728	* 1.7736	* 1.6093	* 1.6898	* 1.3653	* 1.5605	* 1.3322	* 2.3639
9	* 1.4342	* 1.7340	* 1.4829	* 1.7350	* 1.5014	* 1.6839	* 1.8355	* 0.9206
	* 1.7736	* 1.4525	* 1.6740	* 1.4279	* 1.6020	* 1.4219	* 1.2944	* 2.3393
10	* 1.5386	* 1.4851	* 1.7643	* 1.6948	* 1.7296	* 1.6262	* 1.8070	* 0.8830
	* 1.6093	* 1.6714	* 1.4098	* 1.4636	* 1.4140	* 1.4898	* 1.3339	* 2.4465
11	* 1.4341	* 1.7356	* 1.6948	* 1.7436	* 1.6699	* 1.7006	* 1.7469	* 0.7632
	* 1.6898	* 1.4273	* 1.4634	* 1.4315	* 1.4450	* 1.4647	* 1.4246	* 2.9318
12	* 1.7490	* 1.5006	* 1.7276	* 1.6667	* 1.5422	* 1.6577	* 1.0340	
	* 1.3653	* 1.6027	* 1.4152	* 1.4487	* 1.5161	* 1.4256	* 2.1779	
13	* 1.5275	* 1.6817	* 1.6242	* 1.6960	* 1.6428	* 0.8770	* 0.6350	
	* 1.5605	* 1.4235	* 1.4911	* 1.4717	* 1.4397	* 2.6197	* 3.4036	
14	* 1.7749	* 1.8346	* 1.8046	* 1.7414	* 1.0285	* 0.5969		
	* 1.3322	* 1.2947	* 1.3348	* 1.4298	* 2.1906	* 3.6213		
15	* 0.9174	* 0.9227	* 0.8831	* 0.7613	* F-SUB-Q			
	* 2.3639	* 2.3304	* 2.4449	* 2.9356	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3828	* 1.4853	* 1.5860	* 1.4588	* 1.7852	* 1.5543	* 1.8150	* 0.9317
	* 1.9285	* 1.8245	* 1.6765	* 1.7652	* 1.4177	* 1.6249	* 1.3779	* 2.4601
9	* 1.4853	* 1.7812	* 1.5156	* 1.7767	* 1.5282	* 1.7171	* 1.8829	* 0.9357
	* 1.8245	* 1.5122	* 1.7483	* 1.4863	* 1.6709	* 1.4786	* 1.3372	* 2.4365
10	* 1.5860	* 1.5177	* 1.8071	* 1.7344	* 1.7934	* 1.6688	* 1.8632	* 0.8984
	* 1.6765	* 1.7455	* 1.4690	* 1.5256	* 1.4682	* 1.5460	* 1.3777	* 2.5511
11	* 1.4588	* 1.7773	* 1.7344	* 1.7959	* 1.7727	* 1.7719	* 1.8203	* 0.7823
	* 1.7652	* 1.4857	* 1.5254	* 1.4560	* 1.4702	* 1.4880	* 1.4468	* 3.0537
12	* 1.7852	* 1.5274	* 1.7885	* 1.7690	* 1.6657	* 1.7807	* 1.0803	
	* 1.4177	* 1.6716	* 1.4695	* 1.4742	* 1.5448	* 1.4462	* 2.2242	
13	* 1.5543	* 1.7148	* 1.6665	* 1.7665	* 1.7638	* 0.9466	* 0.6703	
	* 1.6249	* 1.4803	* 1.5473	* 1.4956	* 1.4609	* 2.6642	* 3.4793	
14	* 1.8150	* 1.8818	* 1.8603	* 1.8140	* 1.0741	* 0.6292		
	* 1.3779	* 1.3375	* 1.3787	* 1.4524	* 2.2376	* 3.7070		
15	* 0.9317	* 0.9375	* 0.8984	* 0.7801	* F-SUB-Q			
	* 2.4601	* 2.4269	* 2.5494	* 3.0577	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4246	* 1.5210	* 1.6250	* 1.4790	* 1.8193	* 1.5774	* 1.8523	* 0.9407
	* 2.0167	* 1.8907	* 1.7606	* 1.8620	* 1.4851	* 1.7089	* 1.4388	* 2.5938
9	* 1.5210	* 1.8227	* 1.5436	* 1.8147	* 1.5509	* 1.7488	* 1.9258	* 0.9457
	* 1.8907	* 1.5717	* 1.8432	* 1.5600	* 1.7596	* 1.5522	* 1.3952	* 2.5704
10	* 1.6250	* 1.5458	* 1.8445	* 1.7687	* 1.8497	* 1.7050	* 1.9129	* 0.9077
	* 1.7606	* 1.8400	* 1.5446	* 1.6047	* 1.5262	* 1.6206	* 1.4372	* 2.6959
11	* 1.4790	* 1.8154	* 1.7687	* 1.8666	* 1.8405	* 1.8305	* 1.8816	* 0.7945
	* 1.8620	* 1.5592	* 1.6045	* 1.5024	* 1.5194	* 1.5325	* 1.4822	* 3.2243
12	* 1.8193	* 1.5500	* 1.8442	* 1.8363	* 1.7349	* 1.8600	* 1.1074	
	* 1.4851	* 1.7603	* 1.5307	* 1.5237	* 1.6026	* 1.4910	* 2.3187	
13	* 1.5774	* 1.7460	* 1.7024	* 1.8245	* 1.8418	* 0.9922	* 0.6921	
	* 1.7089	* 1.5540	* 1.6220	* 1.5405	* 1.5063	* 2.7502	* 3.6266	
14	* 1.8523	* 1.9245	* 1.9096	* 1.8746	* 1.1008	* 0.6485		
	* 1.4388	* 1.3955	* 1.4382	* 1.4878	* 2.3331	* 3.8707		
15	* 0.9407	* 0.9475	* 0.9076	* 0.7922	F-SUB-Q			
	* 2.5938	* 2.5600	* 2.6940	* 3.2286	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4265	* 1.5201	* 1.6164	* 1.4734	* 1.8058	* 1.5704	* 1.8409	* 0.9496
	* 2.1339	* 1.9972	* 1.8765	* 2.0095	* 1.6067	* 1.8432	* 1.5523	* 2.7517
9	* 1.5201	* 1.8128	* 1.5400	* 1.8043	* 1.5446	* 1.7445	* 1.9207	* 0.9535
	* 1.9972	* 1.6709	* 1.9674	* 1.6729	* 1.8989	* 1.6730	* 1.5014	* 2.7337
10	* 1.6164	* 1.5423	* 1.8416	* 1.7648	* 1.8516	* 1.7053	* 1.9128	* 0.9217
	* 1.8765	* 1.9642	* 1.6398	* 1.7064	* 1.6092	* 1.7403	* 1.5427	* 2.8489
11	* 1.4734	* 1.8051	* 1.7648	* 1.8762	* 1.8549	* 1.8360	* 1.8891	* 0.8087
	* 2.0095	* 1.6722	* 1.7064	* 1.5911	* 1.6068	* 1.6190	* 1.5588	* 3.3504
12	* 1.8058	* 1.5436	* 1.8458	* 1.8505	* 1.7491	* 1.8738	* 1.1404	
	* 1.6067	* 1.8996	* 1.6142	* 1.6114	* 1.7026	* 1.5838	* 2.3911	
13	* 1.5704	* 1.7415	* 1.7025	* 1.8272	* 1.8546	* 0.9996	* 0.7100	
	* 1.8432	* 1.6750	* 1.7431	* 1.6269	* 1.6003	* 2.9378	* 3.7955	
14	* 1.8409	* 1.9192	* 1.9093	* 1.8816	* 1.1334	* 0.6657		
	* 1.5523	* 1.5017	* 1.5454	* 1.5649	* 2.4057	* 4.0479		
15	* 0.9496	* 0.9547	* 0.9216	* 0.8061	F-SUB-Q			
	* 2.7517	* 2.7225	* 2.8469	* 3.3592	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4436	* 1.5397	* 1.6469	* 1.4861	* 1.8389	* 1.5879	* 1.8783	* 0.9462
	* 2.2377	* 2.0932	* 1.9554	* 2.1462	* 1.6988	* 1.9595	* 1.6362	* 2.9656
9	* 1.5397	* 1.8479	* 1.5580	* 1.8381	* 1.5606	* 1.7698	* 1.9608	* 0.9517
	* 2.0932	* 1.7410	* 2.0664	* 1.7442	* 2.0244	* 1.7773	* 1.5823	* 2.9439
10	* 1.6469	* 1.5604	* 1.8697	* 1.7903	* 1.8948	* 1.7327	* 1.9566	* 0.9148
	* 1.9554	* 2.0631	* 1.7166	* 1.7869	* 1.6689	* 1.8197	* 1.6020	* 3.0876
11	* 1.4861	* 1.8389	* 1.7903	* 1.9220	* 1.8958	* 1.8838	* 1.9380	* 0.8057
	* 2.1462	* 1.7435	* 1.7869	* 1.6469	* 1.6675	* 1.6741	* 1.6129	* 3.5680
12	* 1.8389	* 1.5596	* 1.8886	* 1.8902	* 1.7853	* 1.9239	* 1.1362	
	* 1.6988	* 2.0252	* 1.6742	* 1.6725	* 1.7686	* 1.6349	* 2.5444	
13	* 1.5879	* 1.7666	* 1.7296	* 1.8737	* 1.9039	* 1.0257	* 0.7094	
	* 1.9595	* 1.7794	* 1.8226	* 1.6831	* 1.6522	* 3.0389	* 4.0207	
14	* 1.8783	* 1.9592	* 1.9528	* 1.9299	* 1.1289	* 0.6633		
	* 1.6362	* 1.5826	* 1.6049	* 1.6194	* 2.5603	* 4.3002		
15	* 0.9462	* 0.9530	* 0.9139	* 0.8031	* F-SUB-Q			
	* 2.9656	* 2.9316	* 3.0853	* 3.5775	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4386	* 1.5354	* 1.6444	* 1.4798	* 1.8374	* 1.5831	* 1.8796	* 0.9429
	* 2.3009	* 2.1450	* 1.9992	* 2.2097	* 1.7770	* 2.0619	* 1.7372	* 3.1956
9	* 1.5354	* 1.8463	* 1.5533	* 1.8361	* 1.5552	* 1.7678	* 1.9653	* 0.9487
	* 2.1450	* 1.7813	* 2.1162	* 1.7899	* 2.1024	* 1.8553	* 1.6669	* 3.1534
10	* 1.6444	* 1.5559	* 1.8679	* 1.7872	* 1.9002	* 1.7336	* 1.9639	* 0.9122
	* 1.9992	* 2.1126	* 1.7618	* 1.8414	* 1.7362	* 1.8942	* 1.6726	* 3.2698
11	* 1.4798	* 1.8370	* 1.7872	* 1.9291	* 1.9032	* 1.8928	* 1.9490	* 0.8050
	* 2.2097	* 1.7891	* 1.8414	* 1.7198	* 1.7429	* 1.7489	* 1.6923	* 3.7617
12	* 1.8374	* 1.5542	* 1.8937	* 1.8974	* 1.7897	* 1.9339	* 1.1388	
	* 1.7770	* 2.1037	* 1.7419	* 1.7482	* 1.8532	* 1.7153	* 2.6812	
13	* 1.5831	* 1.7645	* 1.7303	* 1.8821	* 1.9132	* 1.0307	* 0.7098	
	* 2.0619	* 1.8587	* 1.8976	* 1.7559	* 1.7338	* 3.2082	* 4.2722	
14	* 1.8796	* 1.9635	* 1.9598	* 1.9405	* 1.1313	* 0.6630		
	* 1.7372	* 1.6682	* 1.6759	* 1.6995	* 2.6985	* 4.5734		
15	* 0.9429	* 0.9497	* 0.9113	* 0.8022	* F-SUB-Q			
	* 3.1956	* 3.1474	* 3.2705	* 3.7725	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4151	* 1.5106	* 1.6133	* 1.4561	* 1.8046	* 1.5583	* 1.8490	* 0.9388
	* 2.2961	* 2.1398	* 2.0000	* 2.2025	* 1.7726	* 2.0511	* 1.7294	* 3.1379
9	* 1.5106	* 1.8125	* 1.5284	* 1.8031	* 1.5305	* 1.7417	* 1.9380	* 0.9434
	* 2.1398	* 1.7810	* 2.1103	* 1.7892	* 2.0950	* 1.8478	* 1.6590	* 3.1072
10	* 1.6133	* 1.5311	* 1.8402	* 1.7597	* 1.8730	* 1.7111	* 1.9389	* 0.9108
	* 2.0000	* 2.1066	* 1.7557	* 1.8365	* 1.7317	* 1.8842	* 1.6642	* 3.2095
11	* 1.4561	* 1.8040	* 1.7597	* 1.9036	* 1.8822	* 1.8681	* 1.9265	* 0.8051
	* 2.2025	* 1.7883	* 1.8364	* 1.7154	* 1.7376	* 1.7437	* 1.6838	* 3.6927
12	* 1.8046	* 1.5294	* 1.8663	* 1.8763	* 1.7677	* 1.9097	* 1.1450	
	* 1.7726	* 2.0962	* 1.7376	* 1.7423	* 1.8561	* 1.7131	* 2.6231	
13	* 1.5583	* 1.7383	* 1.7077	* 1.8572	* 1.8886	* 1.0150	* 0.7095	
	* 2.0511	* 1.8513	* 1.8877	* 1.7511	* 1.7318	* 3.2162	* 4.2226	
14	* 1.8490	* 1.9361	* 1.9346	* 1.9178	* 1.1373	* 0.6629		
	* 1.7294	* 1.6604	* 1.6676	* 1.6911	* 2.6405	* 4.5172		
15	* 0.9388	* 0.9443	* 0.9104	* 0.8021	* F-SUB-Q			
	* 3.1379	* 3.1012	* 3.2096	* 3.7041	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4087	* 1.5063	* 1.6180	* 1.4479	* 1.8119	* 1.5543	* 1.8608	* 0.9234
	* 2.2123	* 2.0516	* 1.9045	* 2.1164	* 1.6975	* 1.9778	* 1.6538	* 3.0401
9	* 1.5063	* 1.8193	* 1.5235	* 1.8093	* 1.5247	* 1.7416	* 1.9508	* 0.9289
	* 2.0516	* 1.7003	* 2.0281	* 1.7111	* 2.0181	* 1.7812	* 1.5910	* 3.0103
10	* 1.6180	* 1.5263	* 1.8400	* 1.7582	* 1.8854	* 1.7133	* 1.9539	* 0.8931
	* 1.9045	* 2.0244	* 1.6909	* 1.7712	* 1.6646	* 1.8179	* 1.5976	* 3.1235
11	* 1.4479	* 1.8102	* 1.7582	* 1.9159	* 1.8900	* 1.8836	* 1.9442	* 0.7905
	* 2.1164	* 1.7102	* 1.7711	* 1.6567	* 1.6858	* 1.6777	* 1.6172	* 3.5868
12	* 1.8119	* 1.5237	* 1.8784	* 1.8838	* 1.7715	* 1.9250	* 1.1214	
	* 1.6975	* 2.0192	* 1.6700	* 1.6903	* 1.8068	* 1.6501	* 2.5758	
13	* 1.5543	* 1.7380	* 1.7097	* 1.8722	* 1.9035	* 1.0204	* 0.6951	
	* 1.9778	* 1.7844	* 1.8210	* 1.6837	* 1.6675	* 3.0741	* 4.1048	
14	* 1.8608	* 1.9489	* 1.9494	* 1.9351	* 1.1136	* 0.6476		
	* 1.6538	* 1.5921	* 1.6006	* 1.6238	* 2.5925	* 4.4031		
15	* 0.9234	* 0.9297	* 0.8920	* 0.7874	* F-SUB-Q			
	* 3.0401	* 3.0046	* 3.1263	* 3.5969	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3880	* 1.4859	* 1.5995	* 1.4265	* 1.7933	* 1.5339	* 1.8454	* 0.9080
	* 2.0587	* 1.9092	* 1.7700	* 1.9641	* 1.5652	* 1.8278	* 1.5226	* 2.8208
9	* 1.4859	* 1.7999	* 1.5027	* 1.7897	* 1.5037	* 1.7213	* 1.9368	* 0.9136
	* 1.9092	* 1.5793	* 1.8882	* 1.5882	* 1.8709	* 1.6505	* 1.4662	* 2.7945
10	* 1.5995	* 1.5056	* 1.8187	* 1.7366	* 1.8704	* 1.6961	* 1.9418	* 0.8780
	* 1.7700	* 1.8846	* 1.5710	* 1.6478	* 1.5400	* 1.6851	* 1.4758	* 2.9094
11	* 1.4265	* 1.7906	* 1.7366	* 1.9011	* 1.8747	* 1.8715	* 1.9346	* 0.7775
	* 1.9641	* 1.5873	* 1.6477	* 1.5318	* 1.5594	* 1.5496	* 1.4906	* 3.3509
12	* 1.7933	* 1.5026	* 1.8633	* 1.8683	* 1.7543	* 1.9125	* 1.1032	
	* 1.5652	* 1.8719	* 1.5452	* 1.5639	* 1.6744	* 1.5242	* 2.3997	
13	* 1.5339	* 1.7176	* 1.6924	* 1.8598	* 1.8906	* 1.0118	* 0.6827	
	* 1.8278	* 1.6530	* 1.6879	* 1.5555	* 1.5406	* 2.8412	* 3.8303	
14	* 1.8454	* 1.9348	* 1.9372	* 1.9252	* 1.0954	* 0.6351		
	* 1.5226	* 1.4672	* 1.4785	* 1.4971	* 2.4156	* 4.1142		
15	* 0.9080	* 0.9143	* 0.8768	* 0.7747	F-SUB-Q			
	* 2.8208	* 2.7882	* 2.9115	* 3.3593	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3595	* 1.4564	* 1.5684	* 1.3972	* 1.7601	* 1.5039	* 1.8137	* 0.8926
	* 1.9238	* 1.7809	* 1.6495	* 1.8377	* 1.4618	* 1.7094	* 1.4210	* 2.6358
9	* 1.4564	* 1.7660	* 1.4728	* 1.7560	* 1.4736	* 1.6897	* 1.9062	* 0.8974
	* 1.7809	* 1.4706	* 1.7605	* 1.4812	* 1.7493	* 1.5407	* 1.3646	* 2.6100
10	* 1.5684	* 1.4758	* 1.7857	* 1.7037	* 1.8396	* 1.6667	* 1.9125	* 0.8629
	* 1.6495	* 1.7570	* 1.4621	* 1.5358	* 1.4351	* 1.5689	* 1.3701	* 2.7139
11	* 1.3972	* 1.7570	* 1.7037	* 1.8708	* 1.8453	* 1.8424	* 1.9067	* 0.7656
	* 1.8377	* 1.4803	* 1.5357	* 1.4310	* 1.4567	* 1.4431	* 1.3852	* 3.1112
12	* 1.7601	* 1.4724	* 1.8324	* 1.8388	* 1.7238	* 1.8827	* 1.0897	
	* 1.4617	* 1.7503	* 1.4400	* 1.4607	* 1.5682	* 1.4248	* 2.2304	
13	* 1.5039	* 1.6860	* 1.6629	* 1.8306	* 1.8607	* 0.9932	* 0.6710	
	* 1.7094	* 1.5431	* 1.5718	* 1.4487	* 1.4403	* 2.6641	* 3.5860	
14	* 1.8137	* 1.9042	* 1.9077	* 1.8971	* 1.0818	* 0.6238		
	* 1.4210	* 1.3656	* 1.3729	* 1.3913	* 2.2454	* 3.8539		
15	* 0.8926	* 0.8982	* 0.8618	* 0.7624	F-SUB-Q			
	* 2.6358	* 2.6043	* 2.7156	* 3.1209	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3210	* 1.4155	* 1.5206	* 1.3586	* 1.7077	* 1.4620	* 1.7614	* 0.8769
	* 1.9647	* 1.8236	* 1.6955	* 1.8840	* 1.5035	* 1.7550	* 1.4605	* 2.6822
9	* 1.4155	* 1.7129	* 1.4320	* 1.7034	* 1.4323	* 1.6434	* 1.8547	* 0.8807
	* 1.8236	* 1.5113	* 1.8043	* 1.5223	* 1.7945	* 1.5782	* 1.3971	* 2.6540
10	* 1.5206	* 1.4349	* 1.7375	* 1.6565	* 1.7879	* 1.6228	* 1.8618	* 0.8488
	* 1.6955	* 1.8007	* 1.4972	* 1.5745	* 1.4680	* 1.6046	* 1.4011	* 2.7443
11	* 1.3586	* 1.7044	* 1.6566	* 1.8198	* 1.7983	* 1.7922	* 1.8573	* 0.7545
	* 1.8840	* 1.5214	* 1.5744	* 1.4574	* 1.4794	* 1.4735	* 1.4122	* 3.1471
12	* 1.7077	* 1.4312	* 1.7807	* 1.7919	* 1.6777	* 1.8315	* 1.0791	
	* 1.5035	* 1.7956	* 1.4734	* 1.4842	* 1.5924	* 1.4481	* 2.2335	
13	* 1.4620	* 1.6396	* 1.6190	* 1.7805	* 1.8096	* 0.9648	* 0.6607	
	* 1.7550	* 1.5812	* 1.6077	* 1.4807	* 1.4646	* 2.7059	* 3.6014	
14	* 1.7614	* 1.8526	* 1.8571	* 1.8478	* 1.0710	* 0.6149		
	* 1.4605	* 1.3982	* 1.4041	* 1.4188	* 2.2490	* 3.8670		
15	* 0.8769	* 0.8814	* 0.8483	* 0.7513	* F-SUB-Q			
	* 2.6822	* 2.6510	* 2.7447	* 3.1575	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3000	* 1.3953	* 1.5090	* 1.3352	* 1.6950	* 1.4402	* 1.7508	* 0.8496
	* 1.8464	* 1.7174	* 1.5869	* 1.7857	* 1.4116	* 1.6606	* 1.3695	* 2.5842
9	* 1.3953	* 1.7015	* 1.4111	* 1.6912	* 1.4099	* 1.6223	* 1.8430	* 0.8541
	* 1.7174	* 1.4130	* 1.7012	* 1.4256	* 1.6984	* 1.4873	* 1.3084	* 2.5510
10	* 1.5090	* 1.4142	* 1.7184	* 1.6363	* 1.7764	* 1.6029	* 1.8510	* 0.8205
	* 1.5869	* 1.6976	* 1.4057	* 1.4808	* 1.3722	* 1.5094	* 1.3086	* 2.6477
11	* 1.3352	* 1.6922	* 1.6363	* 1.8078	* 1.7813	* 1.7827	* 1.8477	* 0.7285
	* 1.7857	* 1.4247	* 1.4807	* 1.3616	* 1.3849	* 1.3748	* 1.3171	* 3.0280
12	* 1.6950	* 1.4087	* 1.7691	* 1.7746	* 1.6580	* 1.8205	* 1.0373	
	* 1.4116	* 1.6995	* 1.3774	* 1.3898	* 1.4888	* 1.3497	* 2.1580	
13	* 1.4402	* 1.6186	* 1.5991	* 1.7707	* 1.7985	* 0.9564	* 0.6364	
	* 1.6606	* 1.4904	* 1.5126	* 1.3820	* 1.3654	* 2.5278	* 3.4709	
14	* 1.7508	* 1.8408	* 1.8462	* 1.8380	* 1.0294	* 0.5904		
	* 1.3695	* 1.3096	* 1.3115	* 1.3234	* 2.1733	* 3.7388		
15	* 0.8496	* 0.8548	* 0.8193	* 0.7254	* F-SUB-Q			
	* 2.5842	* 2.5484	* 2.6505	* 3.0383	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2638	* 1.3571	* 1.4689	* 1.2970	* 1.6496	* 1.3996	* 1.7046	* 0.8240
	* 1.7763	* 1.6567	* 1.5309	* 1.7295	* 1.3647	* 1.6079	* 1.3235	* 2.5111
9	* 1.3571	* 1.6582	* 1.3732	* 1.6480	* 1.3700	* 1.5787	* 1.7953	* 0.8282
	* 1.6567	* 1.3616	* 1.6419	* 1.3747	* 1.6442	* 1.4364	* 1.2621	* 2.4769
10	* 1.4689	* 1.3763	* 1.6764	* 1.5944	* 1.7299	* 1.5598	* 1.8032	* 0.7952
	* 1.5309	* 1.6383	* 1.3526	* 1.4270	* 1.3205	* 1.4564	* 1.2604	* 2.5696
11	* 1.2970	* 1.6490	* 1.5944	* 1.7620	* 1.7366	* 1.7367	* 1.7995	* 0.7060
	* 1.7295	* 1.3738	* 1.4269	* 1.3054	* 1.3266	* 1.3194	* 1.2660	* 2.9354
12	* 1.6496	* 1.3688	* 1.7226	* 1.7300	* 1.6139	* 1.7726	* 1.0059	
	* 1.3647	* 1.6453	* 1.3257	* 1.3314	* 1.4262	* 1.2945	* 2.0823	
13	* 1.3996	* 1.5749	* 1.5560	* 1.7249	* 1.7509	* 0.9278	* 0.6153	
	* 1.6079	* 1.4395	* 1.4596	* 1.3280	* 1.3098	* 2.4335	* 3.3578	
14	* 1.7046	* 1.7931	* 1.7984	* 1.7899	* 0.9983	* 0.5705		
	* 1.3235	* 1.2634	* 1.2634	* 1.2723	* 2.0975	* 3.6195		
15	* 0.8240	* 0.8289	* 0.7941	* 0.7029	F-SUB-Q			
	* 2.5111	* 2.4744	* 2.5727	* 2.9460	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2105	* 1.2983	* 1.3957	* 1.2422	* 1.5658	* 1.3379	* 1.6161	* 0.7991
	* 1.7585	* 1.6431	* 1.5294	* 1.7158	* 1.3658	* 1.5983	* 1.3260	* 2.4637
9	* 1.2983	* 1.5775	* 1.3168	* 1.5687	* 1.3106	* 1.5095	* 1.7047	* 0.8020
	* 1.6431	* 1.3583	* 1.6245	* 1.3708	* 1.6328	* 1.4260	* 1.2612	* 2.4322
10	* 1.3957	* 1.3196	* 1.6078	* 1.5279	* 1.6424	* 1.4902	* 1.7113	* 0.7735
	* 1.5294	* 1.6210	* 1.3373	* 1.4125	* 1.3180	* 1.4459	* 1.2589	* 2.5100
11	* 1.2422	* 1.5697	* 1.5280	* 1.6766	* 1.6602	* 1.6482	* 1.7049	* 0.6860
	* 1.7158	* 1.3699	* 1.4124	* 1.2979	* 1.3121	* 1.3155	* 1.2650	* 2.8692
12	* 1.5658	* 1.3094	* 1.6355	* 1.6539	* 1.5423	* 1.6813	* 0.9827	
	* 1.3658	* 1.6340	* 1.3232	* 1.3168	* 1.4106	* 1.2905	* 2.0192	
13	* 1.3379	* 1.5058	* 1.4865	* 1.6369	* 1.6603	* 0.8745	* 0.5963	
	* 1.5983	* 1.4291	* 1.4492	* 1.3242	* 1.3063	* 2.4421	* 3.2831	
14	* 1.6161	* 1.7027	* 1.7067	* 1.6957	* 0.9751	* 0.5541		
	* 1.3260	* 1.2625	* 1.2620	* 1.2714	* 2.0343	* 3.5316		
15	* 0.7991	* 0.8027	* 0.7730	* 0.6829	F-SUB-Q			
	* 2.4637	* 2.4298	* 2.5110	* 2.8802	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1697	* 1.2567	* 1.3518	* 1.2009	* 1.5098	* 1.2905	* 1.5565	* 0.7599
	* 1.7443	* 1.6270	* 1.5140	* 1.7021	* 1.3582	* 1.5890	* 1.3200	* 2.4885
9	* 1.2567	* 1.5274	* 1.2746	* 1.5194	* 1.2656	* 1.4586	* 1.6387	* 0.7630
	* 1.6270	* 1.3445	* 1.6091	* 1.3564	* 1.6216	* 1.4139	* 1.2568	* 2.4546
10	* 1.3518	* 1.2774	* 1.5613	* 1.4830	* 1.5840	* 1.4377	* 1.6440	* 0.7321
	* 1.5140	* 1.6056	* 1.3188	* 1.3940	* 1.3082	* 1.4353	* 1.2546	* 2.5463
11	* 1.2009	* 1.5204	* 1.4830	* 1.6178	* 1.6055	* 1.5885	* 1.6349	* 0.6469
	* 1.7021	* 1.3556	* 1.3939	* 1.2866	* 1.2969	* 1.3054	* 1.2620	* 2.9192
12	* 1.5098	* 1.2644	* 1.5774	* 1.5994	* 1.4911	* 1.6160	* 0.9234	
	* 1.3582	* 1.6227	* 1.3134	* 1.3016	* 1.3948	* 1.2840	* 2.0583	
13	* 1.2905	* 1.4551	* 1.4342	* 1.5777	* 1.5963	* 0.8326	* 0.5599	
	* 1.5890	* 1.4170	* 1.4386	* 1.3140	* 1.2995	* 2.4559	* 3.3530	
14	* 1.5565	* 1.6367	* 1.6396	* 1.6261	* 0.9163	* 0.5188		
	* 1.3200	* 1.2582	* 1.2578	* 1.2685	* 2.0738	* 3.6167		
15	* 0.7599	* 0.7636	* 0.7310	* 0.6440	* F-SUB-Q			
	* 2.4885	* 2.4523	* 2.5496	* 2.9305	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0813	* 1.1802	* 1.2635	* 1.1323	* 1.3897	* 1.1957	* 1.4299	* 0.7156
	* 1.8264	* 1.6757	* 1.5373	* 1.7468	* 1.4274	* 1.6594	* 1.3899	* 2.5613
9	* 1.1802	* 1.4042	* 1.1864	* 1.4026	* 1.1775	* 1.3463	* 1.5024	* 0.7151
	* 1.6757	* 1.4145	* 1.6728	* 1.4210	* 1.6858	* 1.4818	* 1.3253	* 2.5381
10	* 1.2635	* 1.1893	* 1.4450	* 1.3824	* 1.4669	* 1.3289	* 1.5067	* 0.6856
	* 1.5373	* 1.6693	* 1.3770	* 1.4454	* 1.3654	* 1.5011	* 1.3230	* 2.6348
11	* 1.1323	* 1.4034	* 1.3824	* 1.4918	* 1.4870	* 1.4674	* 1.5009	* 0.5995
	* 1.7468	* 1.4202	* 1.4454	* 1.3472	* 1.3515	* 1.3646	* 1.3280	* 3.0526
12	* 1.3897	* 1.1766	* 1.4637	* 1.4825	* 1.3805	* 1.4810	* 0.8619	
	* 1.4274	* 1.6870	* 1.3708	* 1.3555	* 1.4549	* 1.3533	* 2.1335	
13	* 1.1957	* 1.3432	* 1.3256	* 1.4578	* 1.4634	* 0.7472	* 0.5145	
	* 1.6594	* 1.4851	* 1.5047	* 1.3731	* 1.3692	* 2.6490	* 3.5372	
14	* 1.4299	* 1.5006	* 1.5027	* 1.4929	* 0.8554	* 0.4758		
	* 1.3899	* 1.3268	* 1.3264	* 1.3348	* 2.1495	* 3.8241		
15	* 0.7156	* 0.7163	* 0.6846	* 0.5967	* F-SUB-Q			
	* 2.5613	* 2.5334	* 2.6383	* 3.0649	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8744	* 0.9982	* 1.2536	* 0.9581	* 1.2924	* 0.9744	* 1.2832	* 0.6184
	* 2.2041	* 1.9317	* 1.5373	* 2.0137	* 1.4944	* 1.9843	* 1.5092	* 2.8976
9	* 0.9982	* 1.2079	* 0.9747	* 1.1995	* 0.9757	* 1.0930	* 1.3176	* 0.6031
	* 1.9317	* 1.6005	* 1.9870	* 1.6176	* 1.9885	* 1.7785	* 1.4727	* 2.9415
10	* 1.2536	* 0.9766	* 1.1748	* 1.1621	* 1.2761	* 1.0952	* 1.3174	* 0.5821
	* 1.5373	* 1.9830	* 1.6507	* 1.6775	* 1.5278	* 1.7772	* 1.4740	* 3.0335
11	* 0.9581	* 1.1990	* 1.1608	* 1.3089	* 1.2286	* 1.3755	* 1.2634	* 0.4988
	* 2.0137	* 1.6173	* 1.6786	* 1.4927	* 1.5911	* 1.4154	* 1.5375	* 3.5870
12	* 1.2924	* 0.9751	* 1.2732	* 1.2252	* 1.1225	* 1.2055	* 0.7323	
	* 1.4944	* 1.9897	* 1.5311	* 1.5953	* 1.7425	* 1.6186	* 2.4509	
13	* 0.9744	* 1.0909	* 1.0912	* 1.3681	* 1.1913	* 0.5821	* 0.4186	
	* 1.9843	* 1.7817	* 1.7836	* 1.4230	* 1.6377	* 3.3234	* 4.2544	
14	* 1.2832	* 1.3160	* 1.3143	* 1.2571	* 0.7269	* 0.3866		
	* 1.5092	* 1.4744	* 1.4773	* 1.5450	* 2.4689	* 4.6050		
15	* 0.6184	* 0.6046	* 0.5817	* 0.4964	* F-SUB-Q			
	* 2.8976	* 2.9329	* 3.0352	* 3.6020	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3755	* 0.4149	* 0.4913	* 0.4209	* 0.4971	* 0.4157	* 0.4567	* 0.2550
	* 5.0297	* 4.5514	* 3.8390	* 4.4946	* 3.8034	* 4.5606	* 4.1530	* 6.8958
9	* 0.4149	* 0.4752	* 0.4225	* 0.4943	* 0.4298	* 0.4270	* 0.4636	* 0.2475
	* 4.5514	* 3.9770	* 4.4870	* 3.8399	* 4.4215	* 4.4530	* 4.0973	* 7.0311
10	* 0.4913	* 0.4231	* 0.4529	* 0.4656	* 0.5194	* 0.4466	* 0.4630	* 0.2406
	* 3.8390	* 4.4811	* 4.1973	* 4.0962	* 3.6689	* 4.2649	* 4.1048	* 7.2024
11	* 0.4209	* 0.4941	* 0.4652	* 0.5292	* 0.4780	* 0.5143	* 0.4424	* 0.2091
	* 4.4946	* 3.8411	* 4.1000	* 3.6040	* 3.9973	* 3.7038	* 4.3006	* 8.3984
12	* 0.4971	* 0.4295	* 0.5184	* 0.4769	* 0.4390	* 0.4453	* 0.3037	
	* 3.8034	* 4.4244	* 3.6764	* 4.0064	* 4.3547	* 4.2816	* 5.7911	
13	* 0.4157	* 0.4261	* 0.4450	* 0.5116	* 0.4413	* 0.3371	* 0.1662	
	* 4.5606	* 4.4621	* 4.2808	* 3.7227	* 4.3206	* 5.6508	* 10.5407	
14	* 0.4567	* 0.4630	* 0.4620	* 0.4402	* 0.3015	* 0.1587		
	* 4.1530	* 4.1023	* 4.1142	* 4.3217	* 5.8337	* 11.0314		
15	* 0.2550	* 0.2481	* 0.2404	* 0.2081	* F-SUB-Q			
	* 6.8958	* 7.0138	* 7.2071	* 8.4350	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3088	* 0.3950	* 0.4849	* 0.4369	* 0.4995	* 0.4230	* 0.4465	* 0.2612
	* 5.1545	* 4.9777	* 4.0228	* 4.4272	* 3.8663	* 4.5738	* 4.3907	* 6.8794
9	* 0.3950	* 0.4567	* 0.4245	* 0.4925	* 0.4342	* 0.4248	* 0.4449	* 0.2547
	* 4.9778	* 4.3420	* 4.6189	* 3.9605	* 4.4495	* 4.5519	* 4.3933	* 6.9865
10	* 0.4849	* 0.4246	* 0.4464	* 0.4530	* 0.4860	* 0.4187	* 0.4295	* 0.2471
	* 4.0228	* 4.6176	* 4.4604	* 4.3219	* 3.9976	* 4.6060	* 4.4742	* 7.0409
11	* 0.4369	* 0.4924	* 0.4529	* 0.4809	* 0.4194	* 0.4338	* 0.3905	* 0.2015
	* 4.4272	* 3.9619	* 4.3230	* 4.1100	* 4.5683	* 4.3671	* 4.9180	* 8.6857
12	* 0.4995	* 0.4340	* 0.4857	* 0.4193	* 0.3268	* 0.3316	* 0.2534	*
	* 3.8663	* 4.4514	* 3.9995	* 4.5737	* 4.8897	* 4.8896	* 6.5570	*
13	* 0.4230	* 0.4245	* 0.4184	* 0.4332	* 0.3306	* 0.2377	* 0.1349	*
	* 4.5738	* 4.5557	* 4.6092	* 4.3792	* 4.9144	* 6.0114	* 11.0552	*
14	* 0.4465	* 0.4448	* 0.4293	* 0.3900	* 0.2525	* 0.1311	*	*
	* 4.3907	* 4.3943	* 4.4765	* 4.9243	* 6.5872	* 11.3783	*	*
15	* 0.2612	* 0.2554	* 0.2472	* 0.2012	* F-SUB-Q			
	* 6.8794	* 6.9670	* 7.0382	* 8.6943	* M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6657	* 0.9021	* 1.1588	* 0.9529	* 1.2009	* 0.9473	* 1.1594	* 0.6216
	* 2.4656	* 2.2479	* 1.7355	* 2.0975	* 1.6613	* 2.1047	* 1.7396	* 2.9721
9	* 0.9021	* 1.0718	* 0.9311	* 1.1221	* 0.9542	* 1.0271	* 1.1611	* 0.6105
	* 2.2479	* 1.8968	* 2.1768	* 1.7937	* 2.0922	* 1.9426	* 1.7235	* 2.9714
10	* 1.1588	* 0.9316	* 1.0747	* 1.0683	* 1.1107	* 0.9746	* 1.1261	* 0.5862
	* 1.7355	* 2.1756	* 1.9034	* 1.8871	* 1.8063	* 2.0413	* 1.7614	* 3.0569
11	* 0.9529	* 1.1218	* 1.0681	* 1.0804	* 0.9813	* 1.0743	* 1.0144	* 0.4765
	* 2.0975	* 1.7942	* 1.8876	* 1.8349	* 1.9599	* 1.8081	* 1.9528	* 3.7947
12	* 1.2009	* 0.9538	* 1.1101	* 0.9808	* 0.7650	* 0.8209	* 0.6047	*
	* 1.6613	* 2.0929	* 1.8074	* 1.9623	* 2.0695	* 1.9984	* 2.8266	*
13	* 0.9473	* 1.0263	* 0.9741	* 1.0729	* 0.8183	* 0.4018	* 0.3402	*
	* 2.1047	* 1.9443	* 2.0424	* 1.8131	* 2.0127	* 3.7831	* 4.5045	*
14	* 1.1594	* 1.1611	* 1.1257	* 1.0130	* 0.6028	* 0.3258	*	*
	* 1.7396	* 1.7236	* 1.7622	* 1.9556	* 2.8396	* 4.7059	*	*
15	* 0.6216	* 0.6121	* 0.5865	* 0.4758	* F-SUB-Q			
	* 2.9721	* 2.9640	* 3.0555	* 3.7985	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8172	* 1.0766	* 1.2127	* 1.1474	* 1.3252	* 1.1745	* 1.3262	* 0.7488
	* 2.0716	* 1.9306	* 1.7042	* 1.7885	* 1.5417	* 1.7379	* 1.5372	* 2.4939
9	* 1.0766	* 1.2775	* 1.1392	* 1.3015	* 1.1649	* 1.2733	* 1.3624	* 0.7466
	* 1.9306	* 1.6278	* 1.8192	* 1.5789	* 1.7561	* 1.6060	* 1.4956	* 2.4729
10	* 1.2127	* 1.1401	* 1.3154	* 1.2894	* 1.2966	* 1.2130	* 1.3229	* 0.7160
	* 1.7042	* 1.8177	* 1.5785	* 1.6079	* 1.5904	* 1.6818	* 1.5378	* 2.5643
11	* 1.1474	* 1.3017	* 1.2894	* 1.2837	* 1.1824	* 1.2107	* 1.2293	* 0.5961
	* 1.7885	* 1.5792	* 1.6079	* 1.6189	* 1.6434	* 1.6718	* 1.6578	* 3.1195
12	* 1.3252	* 1.1644	* 1.2962	* 1.1816	* 0.9481	* 0.9981	* 0.7507	
	* 1.5417	* 1.7569	* 1.5910	* 1.6459	* 1.7143	* 1.6480	* 2.3430	
13	* 1.1745	* 1.2722	* 1.2124	* 1.2090	* 0.9930	* 0.5203	* 0.4321	
	* 1.7379	* 1.6074	* 1.6828	* 1.6771	* 1.6605	* 3.0217	* 3.6622	
14	* 1.3262	* 1.3622	* 1.3223	* 1.2275	* 0.7481	* 0.4109		
	* 1.5372	* 1.4959	* 1.5385	* 1.6604	* 2.3546	* 3.8530		
15	* 0.7488	* 0.7486	* 0.7163	* 0.5951	* F-SUB-Q			
	* 2.4939	* 2.4660	* 2.5629	* 3.1230	* M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9090	* 1.1935	* 1.3619	* 1.2680	* 1.5130	* 1.3161	* 1.5208	* 0.8182
	* 1.9246	* 1.7998	* 1.5683	* 1.6714	* 1.3910	* 1.5974	* 1.3767	* 2.3433
9	* 1.1935	* 1.4544	* 1.2668	* 1.4754	* 1.2995	* 1.4369	* 1.5674	* 0.8181
	* 1.7998	* 1.4778	* 1.6897	* 1.4430	* 1.6241	* 1.4662	* 1.3364	* 2.3204
10	* 1.3619	* 1.2681	* 1.4767	* 1.4407	* 1.4673	* 1.3736	* 1.5288	* 0.7824
	* 1.5683	* 1.6879	* 1.4511	* 1.4860	* 1.4482	* 1.5334	* 1.3724	* 2.4182
11	* 1.2680	* 1.4757	* 1.4407	* 1.4571	* 1.3297	* 1.3979	* 1.4281	* 0.6586
	* 1.6714	* 1.4431	* 1.4860	* 1.4754	* 1.5013	* 1.5013	* 1.4750	* 2.9199
12	* 1.5130	* 1.2989	* 1.4668	* 1.3285	* 1.0649	* 1.1589	* 0.8302	
	* 1.3910	* 1.6248	* 1.4493	* 1.5039	* 1.5686	* 1.4791	* 2.2066	
13	* 1.3161	* 1.4356	* 1.3726	* 1.3956	* 1.1522	* 0.6183	* 0.4839	
	* 1.5974	* 1.4676	* 1.5344	* 1.5066	* 1.4911	* 2.6765	* 3.4306	
14	* 1.5208	* 1.5672	* 1.5279	* 1.4256	* 0.8270	* 0.4584		
	* 1.3767	* 1.3366	* 1.3732	* 1.4777	* 2.2182	* 3.6224		
15	* 0.8182	* 0.8204	* 0.7828	* 0.6575	* F-SUB-Q			
	* 2.3433	* 2.3127	* 2.4169	* 2.9233	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9792	* 1.2725	* 1.4540	* 1.3385	* 1.6195	* 1.3930	* 1.6339	* 0.8688
	* 1.9041	* 1.7722	* 1.5329	* 1.6439	* 1.3474	* 1.5646	* 1.3286	* 2.2897
9	* 1.2725	* 1.5548	* 1.3375	* 1.5739	* 1.3736	* 1.5242	* 1.6912	* 0.8673
	* 1.7722	* 1.4463	* 1.6714	* 1.4042	* 1.5934	* 1.4331	* 1.2845	* 2.2720
10	* 1.4540	* 1.3392	* 1.5634	* 1.5254	* 1.5724	* 1.4676	* 1.6561	* 0.8309
	* 1.5329	* 1.6693	* 1.4315	* 1.4652	* 1.4023	* 1.4889	* 1.3133	* 2.3612
11	* 1.3385	* 1.5743	* 1.5255	* 1.5609	* 1.4335	* 1.5245	* 1.5635	* 0.7066
	* 1.6439	* 1.4042	* 1.4651	* 1.4362	* 1.4606	* 1.4396	* 1.4044	* 2.8256
12	* 1.6195	* 1.3729	* 1.5717	* 1.4318	* 1.1626	* 1.2882	* 0.9081	
	* 1.3474	* 1.5941	* 1.4034	* 1.4635	* 1.5315	* 1.4228	* 2.1331	
13	* 1.3930	* 1.5226	* 1.4663	* 1.5215	* 1.2800	* 0.6962	* 0.5316	
	* 1.5646	* 1.4345	* 1.4900	* 1.4451	* 1.4351	* 2.5670	* 3.3451	
14	* 1.6339	* 1.6908	* 1.6549	* 1.5602	* 0.9042	* 0.5037		
	* 1.3286	* 1.2848	* 1.3142	* 1.4071	* 2.1450	* 3.5314		
15	* 0.8688	* 0.8697	* 0.8312	* 0.7052	* F-SUB-Q			
	* 2.2897	* 2.2641	* 2.3601	* 2.8290	* M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0811	* 1.3439	* 1.5210	* 1.3886	* 1.6899	* 1.4441	* 1.7074	* 0.9079
	* 1.9213	* 1.7796	* 1.5362	* 1.6535	* 1.3452	* 1.5687	* 1.3177	* 2.2711
9	* 1.3439	* 1.6262	* 1.3890	* 1.6408	* 1.4241	* 1.5826	* 1.7750	* 0.9049
	* 1.7796	* 1.4532	* 1.6845	* 1.4062	* 1.6005	* 1.4362	* 1.2713	* 2.2578
10	* 1.5210	* 1.3909	* 1.6260	* 1.5871	* 1.6462	* 1.5365	* 1.7469	* 0.8709
	* 1.5362	* 1.6821	* 1.4418	* 1.4718	* 1.4020	* 1.4876	* 1.3007	* 2.3460
11	* 1.3886	* 1.6413	* 1.5868	* 1.6375	* 1.5317	* 1.6259	* 1.6716	* 0.7472
	* 1.6535	* 1.4062	* 1.4721	* 1.4316	* 1.4588	* 1.4234	* 1.3897	* 2.8072
12	* 1.6899	* 1.4234	* 1.6454	* 1.5297	* 1.3018	* 1.4468	* 0.9862	
	* 1.3452	* 1.6012	* 1.4032	* 1.4618	* 1.5342	* 1.4139	* 2.1042	
13	* 1.4441	* 1.5809	* 1.5349	* 1.6221	* 1.4361	* 0.7827	* 0.5834	
	* 1.5688	* 1.4377	* 1.4888	* 1.4292	* 1.4266	* 2.5542	* 3.3338	
14	* 1.7074	* 1.7744	* 1.7450	* 1.6670	* 0.9816	* 0.5522		
	* 1.3177	* 1.2717	* 1.3016	* 1.3925	* 2.1162	* 3.5228		
15	* 0.9079	* 0.9073	* 0.8711	* 0.7456	* F-SUB-Q			
	* 2.2711	* 2.2498	* 2.3447	* 2.8109	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2271	* 1.4227	* 1.5908	* 1.4353	* 1.7598	* 1.4929	* 1.7819	* 0.9339
	* 1.9418	* 1.7863	* 1.5557	* 1.6864	* 1.3587	* 1.5931	* 1.3235	* 2.3130
9	* 1.4227	* 1.7035	* 1.4408	* 1.7134	* 1.4725	* 1.6418	* 1.8592	* 0.9314
	* 1.7863	* 1.4733	* 1.7188	* 1.4236	* 1.6306	* 1.4555	* 1.2755	* 2.3014
10	* 1.5908	* 1.4429	* 1.6913	* 1.6547	* 1.7461	* 1.6051	* 1.8411	* 0.8957
	* 1.5557	* 1.7161	* 1.4679	* 1.4956	* 1.4165	* 1.5053	* 1.3048	* 2.4012
11	* 1.4353	* 1.7126	* 1.6542	* 1.7203	* 1.6425	* 1.7417	* 1.7850	* 0.7756
	* 1.6864	* 1.4235	* 1.4959	* 1.4318	* 1.4630	* 1.4107	* 1.3858	* 2.8689
12	* 1.7597	* 1.4717	* 1.7419	* 1.6399	* 1.4799	* 1.6494	* 1.0485	
	* 1.3587	* 1.6313	* 1.4178	* 1.4661	* 1.5450	* 1.4129	* 2.1274	
13	* 1.4929	* 1.6402	* 1.6032	* 1.7355	* 1.6357	* 0.8871	* 0.6298	
	* 1.5931	* 1.4565	* 1.5066	* 1.4165	* 1.4260	* 2.5568	* 3.3959	
14	* 1.7819	* 1.8583	* 1.8387	* 1.7795	* 1.0431	* 0.5948		
	* 1.3235	* 1.2758	* 1.3057	* 1.3909	* 2.1397	* 3.5967		
15	* 0.9339	* 0.9337	* 0.8958	* 0.7738	F-SUB-Q			
	* 2.3130	* 2.2929	* 2.3998	* 2.8726	M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3341	* 1.4803	* 1.6415	* 1.4680	* 1.8069	* 1.5263	* 1.8326	* 0.9547
	* 1.9957	* 1.8327	* 1.6130	* 1.7546	* 1.4054	* 1.6494	* 1.3629	* 2.3951
9	* 1.4803	* 1.7582	* 1.4781	* 1.7655	* 1.5060	* 1.6867	* 1.9187	* 0.9528
	* 1.8327	* 1.5288	* 1.7896	* 1.4751	* 1.6951	* 1.5057	* 1.3116	* 2.3854
10	* 1.6415	* 1.4805	* 1.7388	* 1.7040	* 1.8270	* 1.6558	* 1.9103	* 0.9174
	* 1.6130	* 1.7866	* 1.5259	* 1.5523	* 1.4530	* 1.5566	* 1.3415	* 2.4912
11	* 1.4680	* 1.7646	* 1.7034	* 1.7971	* 1.7497	* 1.8371	* 1.8725	* 0.8002
	* 1.7546	* 1.4750	* 1.5526	* 1.4524	* 1.4861	* 1.4279	* 1.4015	* 2.9733
12	* 1.8069	* 1.5052	* 1.8220	* 1.7462	* 1.6303	* 1.7933	* 1.1033	
	* 1.4054	* 1.6958	* 1.4574	* 1.4894	* 1.5712	* 1.4289	* 2.1641	
13	* 1.5263	* 1.6849	* 1.6535	* 1.8300	* 1.7775	* 0.9674	* 0.6696	
	* 1.6494	* 1.5068	* 1.5580	* 1.4341	* 1.4424	* 2.5928	* 3.4623	
14	* 1.8326	* 1.9176	* 1.9074	* 1.8662	* 1.0972	* 0.6316		
	* 1.3629	* 1.3120	* 1.3424	* 1.4069	* 2.1770	* 3.6716		
15	* 0.9547	* 0.9546	* 0.9174	* 0.7980	F-SUB-Q			
	* 2.3951	* 2.3764	* 2.4897	* 2.9773	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3811	* 1.5213	* 1.6862	* 1.4940	* 1.8488	* 1.5541	* 1.8780	* 0.9686
	* 2.0848	* 1.8911	* 1.6894	* 1.8468	* 1.4690	* 1.7283	* 1.4195	* 2.5176
9	* 1.5213	* 1.8050	* 1.5084	* 1.8109	* 1.5335	* 1.7245	* 1.9716	* 0.9676
	* 1.8911	* 1.5893	* 1.8837	* 1.5442	* 1.7826	* 1.5761	* 1.3644	* 2.5090
10	* 1.6862	* 1.5110	* 1.7793	* 1.7453	* 1.8933	* 1.6986	* 1.9709	* 0.9316
	* 1.6894	* 1.8804	* 1.6024	* 1.6285	* 1.4896	* 1.6288	* 1.3954	* 2.6241
11	* 1.4940	* 1.8098	* 1.7445	* 1.8734	* 1.8254	* 1.9132	* 1.9459	* 0.8167
	* 1.8468	* 1.5440	* 1.6288	* 1.4968	* 1.5344	* 1.4667	* 1.4308	* 3.1297
12	* 1.8488	* 1.5327	* 1.8878	* 1.8215	* 1.7069	* 1.8844	* 1.1373	
	* 1.4690	* 1.7833	* 1.4940	* 1.5380	* 1.6286	* 1.4708	* 2.2506	
13	* 1.5541	* 1.7224	* 1.6960	* 1.9052	* 1.8672	* 1.0209	* 0.6953	
	* 1.7283	* 1.5773	* 1.6302	* 1.4732	* 1.4848	* 2.6714	* 3.6016	
14	* 1.8780	* 1.9703	* 1.9676	* 1.9387	* 1.1307	* 0.6544		
	* 1.4195	* 1.3647	* 1.3964	* 1.4361	* 2.2643	* 3.8279		
15	* 0.9686	* 0.9693	* 0.9315	* 0.8144	F-SUB-Q			
	* 2.5176	* 2.4993	* 2.6225	* 3.1340	M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3873	* 1.5248	* 1.6839	* 1.4932	* 1.8428	* 1.5519	* 1.8727	* 0.9819
	* 2.2007	* 1.9976	* 1.8053	* 1.9900	* 1.5873	* 1.8586	* 1.5293	* 2.6650
9	* 1.5248	* 1.8003	* 1.5082	* 1.8075	* 1.5322	* 1.7262	* 1.9728	* 0.9790
	* 1.9976	* 1.6887	* 2.0132	* 1.6683	* 1.9195	* 1.6945	* 1.4662	* 2.6628
10	* 1.6839	* 1.5108	* 1.7799	* 1.7478	* 1.9028	* 1.7052	* 1.9778	* 0.9499
	* 1.8053	* 2.0096	* 1.7031	* 1.7244	* 1.5690	* 1.7428	* 1.4947	* 2.7673
11	* 1.4932	* 1.8065	* 1.7470	* 1.8899	* 1.8458	* 1.9286	* 1.9618	* 0.8349
	* 1.9900	* 1.6690	* 1.7252	* 1.5827	* 1.6186	* 1.5412	* 1.5033	* 3.2459
12	* 1.8428	* 1.5313	* 1.8969	* 1.8416	* 1.7273	* 1.9071	* 1.1761	
	* 1.5873	* 1.9202	* 1.5739	* 1.6223	* 1.7268	* 1.5578	* 2.3156	
13	* 1.5519	* 1.7239	* 1.7023	* 1.9202	* 1.8889	* 1.0331	* 0.7165	
	* 1.8586	* 1.6958	* 1.7457	* 1.5480	* 1.5730	* 2.8497	* 3.7589	
14	* 1.8727	* 1.9714	* 1.9742	* 1.9541	* 1.1690	* 0.6752		
	* 1.5293	* 1.4665	* 1.4974	* 1.5091	* 2.3294	* 3.9893		
15	* 0.9819	* 0.9807	* 0.9497	* 0.8322	F-SUB-Q			
	* 2.6650	* 2.6524	* 2.7655	* 3.2543	M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4049	1.5460	1.7163	1.5081	1.8784	1.5707	1.9148	0.9809
	2.3114	2.0963	1.8855	2.1263	1.6788	1.9775	1.6118	2.8711
9	1.5460	1.8364	1.5264	1.8443	1.5494	1.7540	2.0197	0.9798
	2.0963	1.7620	2.1177	1.7401	2.0502	1.7992	1.5443	2.8667
10	1.7163	1.5292	1.8074	1.7756	1.9511	1.7354	2.0292	0.9446
	1.8855	2.1137	1.7856	1.8066	1.6284	1.8237	1.5512	2.9980
11	1.5081	1.8432	1.7747	1.9395	1.8878	1.9827	2.0184	0.8340
	2.1263	1.7411	1.8075	1.6400	1.6835	1.5962	1.5555	3.4569
12	1.8784	1.5484	1.9448	1.8833	1.7648	1.9615	1.1756	
	1.6788	2.0509	1.6336	1.6875	1.7974	1.6105	2.4637	
13	1.5707	1.7515	1.7323	1.9735	1.9425	1.0627	0.7177	
	1.9775	1.8006	1.8266	1.6035	1.6264	2.9464	3.9844	
14	1.9148	2.0182	2.0252	2.0102	1.1683	0.6744		
	1.6118	1.5446	1.5539	1.5617	2.4788	4.2408		
15	0.9809	0.9815	0.9444	0.8313	F-SUB-Q			
	2.8711	2.8552	2.9959	3.4660	M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4004	1.5425	1.7149	1.5031	1.8784	1.5674	1.9190	0.9796
	2.3653	2.1375	1.9197	2.1798	1.7438	2.0874	1.7056	3.0803
9	1.5425	1.8353	1.5220	1.8448	1.5452	1.7544	2.0278	0.9784
	2.1375	1.7948	2.1621	1.7845	2.1206	1.8732	1.6203	3.0579
10	1.7149	1.5250	1.8056	1.7745	1.9596	1.7386	2.0405	0.9435
	1.9197	2.1579	1.8250	1.8582	1.6882	1.8946	1.6153	3.1609
11	1.5031	1.8436	1.7736	1.9485	1.8957	1.9953	2.0340	0.8351
	2.1798	1.7856	1.8591	1.7029	1.7498	1.6608	1.6270	3.6322
12	1.8784	1.5443	1.9529	1.8910	1.7702	1.9745	1.1808	
	1.7438	2.1218	1.6938	1.7541	1.8735	1.6801	2.5869	
13	1.5674	1.7518	1.7352	1.9858	1.9549	1.0693	0.7194	
	2.0874	1.8757	1.8980	1.6685	1.6969	3.0934	4.2312	
14	1.9190	2.0261	2.0364	2.0253	1.1732	0.6753		
	1.7056	1.6215	1.6184	1.6337	2.6032	4.5071		
15	0.9796	0.9800	0.9432	0.8322	F-SUB-Q			
	3.0803	3.0521	3.1613	3.6426	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3774	* 1.5177	* 1.6840	* 1.4798	* 1.8466	* 1.5456	* 1.8896	* 0.9771
	* 2.3632	* 2.1344	* 1.9208	* 2.1728	* 1.7398	* 2.0734	* 1.6972	* 3.0186
9	* 1.5177	* 1.8016	* 1.4976	* 1.8134	* 1.5217	* 1.7308	* 2.0015	* 0.9747
	* 2.1344	* 1.7965	* 2.1587	* 1.7843	* 2.1119	* 1.8661	* 1.6129	* 3.0106
10	* 1.6840	* 1.5006	* 1.7779	* 1.7483	* 1.9334	* 1.7180	* 2.0165	* 0.9453
	* 1.9208	* 2.1543	* 1.8215	* 1.8545	* 1.6843	* 1.8850	* 1.6075	* 3.0984
11	* 1.4798	* 1.8123	* 1.7473	* 1.9233	* 1.8752	* 1.9718	* 2.0134	* 0.8366
	* 2.1728	* 1.7853	* 1.8554	* 1.7037	* 1.7481	* 1.6553	* 1.6187	* 3.5644
12	* 1.8466	* 1.5208	* 1.9265	* 1.8704	* 1.7490	* 1.9521	* 1.1887	
	* 1.7398	* 2.1130	* 1.6900	* 1.7524	* 1.8814	* 1.6819	* 2.5312	
13	* 1.5456	* 1.7282	* 1.7145	* 1.9619	* 1.9321	* 1.0539	* 0.7200	
	* 2.0734	* 1.8687	* 1.8885	* 1.6633	* 1.6990	* 3.1100	* 4.1710	
14	* 1.8896	* 1.9997	* 2.0122	* 2.0044	* 1.1809	* 0.6762		
	* 1.6972	* 1.6140	* 1.6107	* 1.6255	* 2.5475	* 4.4401		
15	* 0.9771	* 0.9756	* 0.9449	* 0.8335	* F-SUB-Q			
	* 3.0186	* 3.0047	* 3.0985	* 3.5752	* M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3687	* 1.5111	* 1.6847	* 1.4702	* 1.8507	* 1.5424	* 1.9014	* 0.9614
	* 2.2725	* 2.0438	* 1.8307	* 2.0896	* 1.6682	* 1.9972	* 1.6227	* 2.9224
9	* 1.5111	* 1.8053	* 1.4901	* 1.8180	* 1.5140	* 1.7302	* 2.0160	* 0.9601
	* 2.0438	* 1.7122	* 2.0724	* 1.7061	* 2.0364	* 1.7982	* 1.5461	* 2.9195
10	* 1.6847	* 1.4934	* 1.7744	* 1.7451	* 1.9452	* 1.7191	* 2.0336	* 0.9248
	* 1.8307	* 2.0680	* 1.7498	* 1.7864	* 1.6191	* 1.8184	* 1.5424	* 3.0228
11	* 1.4702	* 1.8168	* 1.7442	* 1.9339	* 1.8798	* 1.9871	* 2.0331	* 0.8216
	* 2.0896	* 1.7070	* 1.7872	* 1.6456	* 1.6963	* 1.5951	* 1.5551	* 3.4656
12	* 1.8507	* 1.5130	* 1.9380	* 1.8747	* 1.7501	* 1.9662	* 1.1652	
	* 1.6682	* 2.0375	* 1.6243	* 1.7005	* 1.8323	* 1.6219	* 2.4872	
13	* 1.5424	* 1.7274	* 1.7155	* 1.9768	* 1.9457	* 1.0591	* 0.7055	
	* 1.9972	* 1.8005	* 1.8214	* 1.6024	* 1.6378	* 2.9766	* 4.0617	
14	* 1.9014	* 2.0141	* 2.0290	* 2.0238	* 1.1573	* 0.6605		
	* 1.6227	* 1.5472	* 1.5452	* 1.5612	* 2.5026	* 4.3361		
15	* 0.9614	* 0.9612	* 0.9244	* 0.8185	* F-SUB-Q			
	* 2.9224	* 2.9111	* 3.0229	* 3.4752	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3455	* 1.4876	* 1.6610	* 1.4460	* 1.8279	* 1.5222	* 1.8842	* 0.9451
	* 2.1319	* 1.9166	* 1.7120	* 1.9356	* 1.5362	* 1.8400	* 1.4896	* 2.7064
9	* 1.4876	* 1.7819	* 1.4664	* 1.7957	* 1.4906	* 1.7092	* 2.0004	* 0.9440
	* 1.9166	* 1.6013	* 1.9348	* 1.5876	* 1.8837	* 1.6637	* 1.4222	* 2.6991
10	* 1.6610	* 1.4698	* 1.7495	* 1.7210	* 1.9276	* 1.7001	* 2.0201	* 0.9087
	* 1.7120	* 1.9304	* 1.6341	* 1.6711	* 1.5073	* 1.6912	* 1.4291	* 2.8070
11	* 1.4460	* 1.7945	* 1.7200	* 1.9157	* 1.8606	* 1.9722	* 2.0223	* 0.8080
	* 1.9356	* 1.5883	* 1.6717	* 1.5307	* 1.5791	* 1.4806	* 1.4410	* 3.2477
12	* 1.8279	* 1.4896	* 1.9202	* 1.8554	* 1.7297	* 1.9511	* 1.1458	
	* 1.5362	* 1.8845	* 1.5124	* 1.5831	* 1.7088	* 1.5064	* 2.3291	
13	* 1.5222	* 1.7063	* 1.6963	* 1.9616	* 1.9302	* 1.0488	* 0.6923	
	* 1.8400	* 1.6657	* 1.6938	* 1.4878	* 1.5215	* 2.7672	* 3.8104	
14	* 1.8842	* 1.9985	* 2.0153	* 2.0127	* 1.1378	* 0.6472		
	* 1.4896	* 1.4230	* 1.4314	* 1.4470	* 2.3441	* 4.0737		
15	* 0.9451	* 0.9449	* 0.9077	* 0.8049	F-SUB-Q			
	* 2.7064	* 2.6932	* 2.8066	* 3.2560	M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3138	* 1.4533	* 1.6234	* 1.4123	* 1.7891	* 1.4903	* 1.8481	* 0.9275
	* 2.0065	* 1.7866	* 1.5912	* 1.8108	* 1.4353	* 1.7207	* 1.3906	* 2.5279
9	* 1.4533	* 1.7428	* 1.4327	* 1.7574	* 1.4570	* 1.6745	* 1.9652	* 0.9258
	* 1.7866	* 1.4857	* 1.8024	* 1.4778	* 1.7611	* 1.5503	* 1.3222	* 2.5199
10	* 1.6234	* 1.4361	* 1.7122	* 1.6840	* 1.8914	* 1.6671	* 1.9860	* 0.8917
	* 1.5912	* 1.7983	* 1.5179	* 1.5527	* 1.4061	* 1.5691	* 1.3219	* 2.6133
11	* 1.4123	* 1.7562	* 1.6830	* 1.8800	* 1.8261	* 1.9371	* 1.9897	* 0.7940
	* 1.8108	* 1.4785	* 1.5533	* 1.4448	* 1.4900	* 1.3848	* 1.3392	* 3.0031
12	* 1.7891	* 1.4560	* 1.8839	* 1.8209	* 1.6951	* 1.9166	* 1.1296	
	* 1.4352	* 1.7619	* 1.4107	* 1.4939	* 1.6164	* 1.4215	* 2.1763	
13	* 1.4903	* 1.6716	* 1.6633	* 1.9264	* 1.8956	* 1.0270	* 0.6791	
	* 1.7207	* 1.5524	* 1.5718	* 1.3913	* 1.4361	* 2.6187	* 3.6035	
14	* 1.8481	* 1.9632	* 1.9811	* 1.9799	* 1.1216	* 0.6344		
	* 1.3906	* 1.3231	* 1.3244	* 1.3447	* 2.1900	* 3.8548		
15	* 0.9275	* 0.9265	* 0.8908	* 0.7908	F-SUB-Q			
	* 2.5279	* 2.5146	* 2.6133	* 3.0117	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2713	* 1.4062	* 1.5672	* 1.3677	* 1.7290	* 1.4449	* 1.7888	* 0.9083
	* 2.0286	* 1.8219	* 1.6330	* 1.8610	* 1.4787	* 1.7686	* 1.4320	* 2.5755
9	* 1.4062	* 1.6833	* 1.3870	* 1.6984	* 1.4115	* 1.6236	* 1.9053	* 0.9057
	* 1.8219	* 1.5242	* 1.8481	* 1.5186	* 1.8087	* 1.5897	* 1.3560	* 2.5670
10	* 1.5672	* 1.3903	* 1.6588	* 1.6311	* 1.8317	* 1.6182	* 1.9266	* 0.8769
	* 1.6330	* 1.8437	* 1.5538	* 1.5896	* 1.4312	* 1.6031	* 1.3505	* 2.6432
11	* 1.3677	* 1.6972	* 1.6301	* 1.8214	* 1.7730	* 1.8775	* 1.9319	* 0.7802
	* 1.8610	* 1.5194	* 1.5903	* 1.4573	* 1.4997	* 1.4032	* 1.3583	* 3.0293
12	* 1.7290	* 1.4106	* 1.8243	* 1.7677	* 1.6437	* 1.8585	* 1.1145	
	* 1.4787	* 1.8096	* 1.4362	* 1.5037	* 1.6285	* 1.4320	* 2.1625	
13	* 1.4449	* 1.6207	* 1.6144	* 1.8667	* 1.8375	* 0.9936	* 0.6665	
	* 1.7686	* 1.5920	* 1.6062	* 1.4103	* 1.4471	* 2.6437	* 3.5841	
14	* 1.7888	* 1.9033	* 1.9217	* 1.9221	* 1.1064	* 0.6232		
	* 1.4320	* 1.3570	* 1.3532	* 1.3644	* 2.1769	* 3.8303		
15	* 0.9083	* 0.9064	* 0.8764	* 0.7769	F-SUB-Q			
	* 2.5755	* 2.5629	* 2.6436	* 3.0390	M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2427	* 1.3767	* 1.5415	* 1.3354	* 1.7036	* 1.4160	* 1.7680	* 0.8753
	* 1.9103	* 1.7237	* 1.5396	* 1.7731	* 1.3951	* 1.6800	* 1.3485	* 2.4909
9	* 1.3767	* 1.6606	* 1.3575	* 1.6744	* 1.3800	* 1.5936	* 1.8839	* 0.8739
	* 1.7237	* 1.4335	* 1.7527	* 1.4309	* 1.7222	* 1.5049	* 1.2742	* 2.4762
10	* 1.5415	* 1.3610	* 1.6297	* 1.6006	* 1.8088	* 1.5888	* 1.9060	* 0.8408
	* 1.5396	* 1.7492	* 1.4674	* 1.5029	* 1.3401	* 1.5145	* 1.2655	* 2.5668
11	* 1.3354	* 1.6732	* 1.5997	* 1.7981	* 1.7445	* 1.8548	* 1.9121	* 0.7492
	* 1.7731	* 1.4317	* 1.5037	* 1.3588	* 1.4027	* 1.3101	* 1.2673	* 2.9264
12	* 1.7036	* 1.3791	* 1.8013	* 1.7390	* 1.6139	* 1.8358	* 1.0661	
	* 1.3951	* 1.7231	* 1.3451	* 1.4066	* 1.5186	* 1.3307	* 2.0840	
13	* 1.4160	* 1.5906	* 1.5850	* 1.8439	* 1.8148	* 0.9788	* 0.6384	
	* 1.6800	* 1.5073	* 1.5176	* 1.3171	* 1.3452	* 2.4590	* 3.4394	
14	* 1.7680	* 1.8818	* 1.9010	* 1.9022	* 1.0582	* 0.5950		
	* 1.3485	* 1.2753	* 1.2683	* 1.2733	* 2.0985	* 3.6882		
15	* 0.8753	* 0.8746	* 0.8396	* 0.7460	F-SUB-Q			
	* 2.4909	* 2.4727	* 2.5685	* 2.9362	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1982	* 1.3273	* 1.4856	* 1.2861	* 1.6443	* 1.3657	* 1.7076	* 0.8422
	* 1.8522	* 1.6763	* 1.4988	* 1.7301	* 1.3582	* 1.6372	* 1.3119	* 2.4364
9	* 1.3273	* 1.6045	* 1.3100	* 1.6164	* 1.3302	* 1.5382	* 1.8209	* 0.8409
	* 1.6763	* 1.3921	* 1.7042	* 1.3915	* 1.6789	* 1.4635	* 1.2370	* 2.4198
10	* 1.4856	* 1.3134	* 1.5765	* 1.5460	* 1.7469	* 1.5340	* 1.8423	* 0.8087
	* 1.4988	* 1.7007	* 1.4229	* 1.4596	* 1.2989	* 1.4708	* 1.2268	* 2.5072
11	* 1.2861	* 1.6152	* 1.5451	* 1.7382	* 1.6870	* 1.7904	* 1.8479	* 0.7204
	* 1.7301	* 1.3923	* 1.4603	* 1.3123	* 1.3539	* 1.2682	* 1.2260	* 2.8557
12	* 1.6443	* 1.3292	* 1.7395	* 1.6815	* 1.5584	* 1.7734	* 1.0259	
	* 1.3582	* 1.6798	* 1.3039	* 1.3579	* 1.4643	* 1.2842	* 2.0245	
13	* 1.3657	* 1.5353	* 1.5302	* 1.7797	* 1.7528	* 0.9417	* 0.6126	
	* 1.6372	* 1.4659	* 1.4740	* 1.2753	* 1.2986	* 2.3823	* 3.3480	
14	* 1.7076	* 1.8188	* 1.8374	* 1.8381	* 1.0182	* 0.5705		
	* 1.3119	* 1.2382	* 1.2297	* 1.2320	* 2.0390	* 3.5932		
15	* 0.8422	* 0.8415	* 0.8075	* 0.7173	F-SUB-Q			
	* 2.4364	* 2.4172	* 2.5103	* 2.8659	M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1362	* 1.2558	* 1.3952	* 1.2179	* 1.5432	* 1.2910	* 1.6011	* 0.8074
	* 1.8514	* 1.6799	* 1.5137	* 1.7340	* 1.3732	* 1.6437	* 1.3275	* 2.4153
9	* 1.2558	* 1.5103	* 1.2424	* 1.5194	* 1.2596	* 1.4540	* 1.7091	* 0.8051
	* 1.6799	* 1.4026	* 1.7043	* 1.4041	* 1.6812	* 1.4679	* 1.2490	* 2.4007
10	* 1.3952	* 1.2456	* 1.4965	* 1.4643	* 1.6399	* 1.4504	* 1.7280	* 0.7791
	* 1.5137	* 1.7006	* 1.4208	* 1.4606	* 1.3097	* 1.4739	* 1.2383	* 2.4700
11	* 1.2179	* 1.5183	* 1.4634	* 1.6360	* 1.5964	* 1.6774	* 1.7309	* 0.6923
	* 1.7340	* 1.4050	* 1.4614	* 1.3181	* 1.3519	* 1.2797	* 1.2376	* 2.8197
12	* 1.5432	* 1.2588	* 1.6330	* 1.5914	* 1.4745	* 1.6648	* 0.9906	
	* 1.3732	* 1.6822	* 1.3149	* 1.3559	* 1.4619	* 1.2926	* 1.9843	
13	* 1.2910	* 1.4512	* 1.4467	* 1.6673	* 1.6451	* 0.8779	* 0.5878	
	* 1.6437	* 1.4704	* 1.4772	* 1.2870	* 1.3075	* 2.4157	* 3.3047	
14	* 1.6011	* 1.7071	* 1.7234	* 1.7216	* 0.9831	* 0.5486		
	* 1.3275	* 1.2503	* 1.2414	* 1.2439	* 1.9988	* 3.5395		
15	* 0.8074	* 0.8057	* 0.7786	* 0.6892	F-SUB-Q			
	* 2.4153	* 2.3984	* 2.4710	* 2.8304	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0827	* 1.1967	* 1.3258	* 1.1577	* 1.4647	* 1.2250	* 1.5172	* 0.7545
	* 1.8615	* 1.6887	* 1.5258	* 1.7481	* 1.3863	* 1.6599	* 1.3421	* 2.4805
9	* 1.1967	* 1.4406	* 1.1862	* 1.4457	* 1.1973	* 1.3822	* 1.6170	* 0.7531
	* 1.6887	* 1.4086	* 1.7107	* 1.4135	* 1.6967	* 1.4782	* 1.2635	* 2.4620
10	* 1.3258	* 1.1893	* 1.4329	* 1.3987	* 1.5554	* 1.3772	* 1.6333	* 0.7238
	* 1.5258	* 1.7073	* 1.4203	* 1.4637	* 1.3208	* 1.4852	* 1.2532	* 2.5508
11	* 1.1577	* 1.4446	* 1.3978	* 1.5550	* 1.5213	* 1.5847	* 1.6326	* 0.6420
	* 1.7481	* 1.4144	* 1.4644	* 1.3256	* 1.3555	* 1.2947	* 1.2542	* 2.9151
12	* 1.4647	* 1.1965	* 1.5490	* 1.5166	* 1.4052	* 1.5751	* 0.9160	
	* 1.3863	* 1.6977	* 1.3260	* 1.3595	* 1.4657	* 1.3057	* 2.0539	
13	* 1.2250	* 1.3796	* 1.3738	* 1.5753	* 1.5568	* 0.8233	* 0.5443	
	* 1.6599	* 1.4808	* 1.4886	* 1.3022	* 1.3206	* 2.4649	* 3.4203	
14	* 1.5172	* 1.6152	* 1.6290	* 1.6239	* 0.9091	* 0.5064		
	* 1.3421	* 1.2648	* 1.2563	* 1.2606	* 2.0690	* 3.6750		
15	* 0.7545	* 0.7538	* 0.7227	* 0.6391	* F-SUB-Q			
	* 2.4805	* 2.4586	* 2.5536	* 2.9263	* M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9856	* 1.1007	* 1.2139	* 1.0657	* 1.3168	* 1.1122	* 1.3606	* 0.6920
	* 1.9791	* 1.7755	* 1.6111	* 1.8368	* 1.4911	* 1.7682	* 1.4471	* 2.6202
9	* 1.1007	* 1.3001	* 1.0872	* 1.3132	* 1.0928	* 1.2538	* 1.4465	* 0.6887
	* 1.7755	* 1.5094	* 1.8060	* 1.5041	* 1.7979	* 1.5750	* 1.3649	* 2.6078
10	* 1.2139	* 1.0898	* 1.3062	* 1.2853	* 1.4049	* 1.2479	* 1.4594	* 0.6614
	* 1.6111	* 1.8016	* 1.5054	* 1.5395	* 1.4122	* 1.5838	* 1.3548	* 2.7039
11	* 1.0657	* 1.3123	* 1.2843	* 1.4043	* 1.3849	* 1.4253	* 1.4592	* 0.5810
	* 1.8368	* 1.5051	* 1.5402	* 1.4171	* 1.4367	* 1.3895	* 1.3551	* 3.1203
12	* 1.3168	* 1.0920	* 1.3993	* 1.3808	* 1.2792	* 1.4123	* 0.8340	
	* 1.4911	* 1.7991	* 1.4176	* 1.4408	* 1.5542	* 1.4061	* 2.1818	
13	* 1.1122	* 1.2515	* 1.2449	* 1.4171	* 1.3962	* 0.7252	* 0.4919	
	* 1.7682	* 1.5777	* 1.5874	* 1.3973	* 1.4219	* 2.7075	* 3.6663	
14	* 1.3606	* 1.4449	* 1.4556	* 1.4515	* 0.8278	* 0.4566		
	* 1.4471	* 1.3663	* 1.3581	* 1.3620	* 2.1978	* 3.9493		
15	* 0.6920	* 0.6899	* 0.6610	* 0.5783	* F-SUB-Q			
	* 2.6202	* 2.6030	* 2.7052	* 3.1327	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 50 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7861	* 0.9072	* 1.1471	* 0.8773	* 1.1795	* 0.8858	* 1.1853	* 0.5785
	* 2.4214	* 2.1006	* 1.6610	* 2.1765	* 1.6208	* 2.1647	* 1.6201	* 3.0631
9	* 0.9072	* 1.1025	* 0.8792	* 1.1056	* 0.8921	* 0.9992	* 1.2166	* 0.5640
	* 2.1006	* 1.7333	* 2.1769	* 1.7354	* 2.1522	* 1.9269	* 1.5816	* 3.1121
10	* 1.1471	* 0.8809	* 1.0504	* 1.0588	* 1.1824	* 1.0079	* 1.2204	* 0.5449
	* 1.6610	* 2.1727	* 1.8241	* 1.8238	* 1.6327	* 1.9132	* 1.5780	* 3.2069
11	* 0.8773	* 1.1057	* 1.0577	* 1.2069	* 1.1197	* 1.2727	* 1.1829	* 0.4697
	* 2.1765	* 1.7351	* 1.8247	* 1.6025	* 1.7286	* 1.5156	* 1.6290	* 3.7725
12	* 1.1795	* 0.8915	* 1.1798	* 1.1169	* 1.0244	* 1.1182	* 0.6867	
	* 1.6208	* 2.1535	* 1.6362	* 1.7329	* 1.8904	* 1.7296	* 2.5857	
13	* 0.8858	* 0.9975	* 1.0043	* 1.2661	* 1.1058	* 0.5537	* 0.3944	
	* 2.1647	* 1.9302	* 1.9197	* 1.5234	* 1.7487	* 3.4639	* 4.4719	
14	* 1.1853	* 1.2152	* 1.2177	* 1.1772	* 0.6818	* 0.3645		
	* 1.6201	* 1.5833	* 1.5813	* 1.6367	* 2.6042	* 4.8386		
15	* 0.5785	* 0.5652	* 0.5446	* 0.4675	F-SUB-Q			
	* 3.0631	* 3.1038	* 3.2085	* 3.7879	M-SUB-Q			

AT 75% POWER, 50 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3357	* 0.3727	* 0.4442	* 0.3802	* 0.4494	* 0.3742	* 0.4177	* 0.2349
	* 5.5590	* 5.0097	* 4.2005	* 4.9240	* 4.1662	* 5.0162	* 4.5000	* 7.4031
9	* 0.3727	* 0.4283	* 0.3787	* 0.4488	* 0.3880	* 0.3860	* 0.4247	* 0.2281
	* 5.0097	* 4.3629	* 4.9471	* 4.1848	* 4.8464	* 4.8787	* 4.4330	* 7.5487
10	* 0.4442	* 0.3792	* 0.4039	* 0.4199	* 0.4735	* 0.4066	* 0.4255	* 0.2221
	* 4.2005	* 4.9422	* 4.6538	* 4.4937	* 3.9850	* 4.6410	* 4.4287	* 7.7206
11	* 0.3802	* 0.4487	* 0.4195	* 0.4803	* 0.4327	* 0.4716	* 0.4094	* 0.1943
	* 4.9240	* 4.1860	* 4.4985	* 3.9319	* 4.3719	* 4.0026	* 4.6080	* 8.9513
12	* 0.4494	* 0.3877	* 0.4725	* 0.4319	* 0.3974	* 0.4114	* 0.2809	
	* 4.1662	* 4.8501	* 3.9929	* 4.3797	* 4.7630	* 4.5926	* 6.1963	
13	* 0.3742	* 0.3852	* 0.4052	* 0.4692	* 0.4078	* 0.3129	* 0.1556	
	* 5.0162	* 4.8882	* 4.6575	* 4.0223	* 4.6331	* 6.0353	* 11.1455	
14	* 0.4177	* 0.4242	* 0.4245	* 0.4074	* 0.2789	* 0.1487		
	* 4.5000	* 4.4380	* 4.4382	* 4.6299	* 6.2403	* 11.6637		
15	* 0.2349	* 0.2286	* 0.2220	* 0.1934	F-SUB-Q			
	* 7.4031	* 7.5300	* 7.7251	* 8.9889	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3107	* 0.3946	* 0.4860	* 0.4354	* 0.4933	* 0.4141	* 0.4423	* 0.2590
	* 5.1509	* 5.0221	* 4.0612	* 4.4927	* 3.9690	* 4.7343	* 4.4864	* 6.9633
9	* 0.3946	* 0.4613	* 0.4251	* 0.4941	* 0.4309	* 0.4192	* 0.4416	* 0.2526
	* 5.0221	* 4.3480	* 4.6678	* 3.9960	* 4.5325	* 4.6451	* 4.4736	* 7.0774
10	* 0.4860	* 0.4253	* 0.4449	* 0.4525	* 0.4874	* 0.4153	* 0.4292	* 0.2460
	* 4.0612	* 4.6664	* 4.5187	* 4.3521	* 4.0335	* 4.6633	* 4.5308	* 7.1136
11	* 0.4354	* 0.4940	* 0.4524	* 0.4820	* 0.4148	* 0.4359	* 0.3931	* 0.2034
	* 4.4927	* 3.9970	* 4.3530	* 4.1453	* 4.5907	* 4.3815	* 4.9358	* 8.6415
12	* 0.4933	* 0.4308	* 0.4873	* 0.4147	* 0.3239	* 0.3380	* 0.2554	
	* 3.9690	* 4.5346	* 4.0349	* 4.5960	* 4.8370	* 4.7989	* 6.5062	
13	* 0.4141	* 0.4189	* 0.4151	* 0.4354	* 0.3372	* 0.2501	* 0.1436	
	* 4.7343	* 4.6482	* 4.6662	* 4.3919	* 4.8208	* 5.7763	* 10.4480	
14	* 0.4423	* 0.4416	* 0.4291	* 0.3928	* 0.2547	* 0.1398		
	* 4.4864	* 4.4739	* 4.5322	* 4.9405	* 6.5329	* 10.7091		
15	* 0.2590	* 0.2533	* 0.2461	* 0.2032	F-SUB-Q			
	* 6.9633	* 7.0586	* 7.1097	* 8.6474	M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6571	* 0.8888	* 1.1309	* 0.9331	* 1.1550	* 0.9050	* 1.1055	* 0.6061
	* 2.5409	* 2.2949	* 1.7973	* 2.1632	* 1.7500	* 2.2289	* 1.8477	* 3.0606
9	* 0.8888	* 1.0569	* 0.9120	* 1.1079	* 0.9278	* 0.9850	* 1.1073	* 0.5945
	* 2.2949	* 1.9401	* 2.2335	* 1.8355	* 2.1713	* 2.0380	* 1.8287	* 3.0673
10	* 1.1309	* 0.9124	* 1.0384	* 1.0444	* 1.0921	* 0.9427	* 1.0803	* 0.5718
	* 1.7973	* 2.2325	* 1.9901	* 1.9385	* 1.8542	* 2.1206	* 1.8556	* 3.1475
11	* 0.9331	* 1.1077	* 1.0443	* 1.0634	* 0.9623	* 1.0409	* 0.9884	* 0.4712
	* 2.1632	* 1.8360	* 1.9388	* 1.8786	* 2.0117	* 1.8774	* 2.0206	* 3.8488
12	* 1.1550	* 0.9276	* 1.0917	* 0.9619	* 0.7463	* 0.8177	* 0.5979	
	* 1.7500	* 2.1721	* 1.8550	* 2.0143	* 2.1113	* 2.0378	* 2.8511	
13	* 0.9050	* 0.9843	* 0.9423	* 1.0398	* 0.8155	* 0.4244	* 0.3503	
	* 2.2289	* 2.0394	* 2.1218	* 1.8818	* 2.0495	* 3.6223	* 4.3895	
14	* 1.1055	* 1.1074	* 1.0801	* 0.9874	* 0.5964	* 0.3357		
	* 1.8477	* 1.8288	* 1.8560	* 2.0228	* 2.8628	* 4.5705		
15	* 0.6061	* 0.5959	* 0.5722	* 0.4707	F-SUB-Q			
	* 3.0606	* 3.0597	* 3.1456	* 3.8515	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8140	* 1.0852	* 1.3083	* 1.1416	* 1.3585	* 1.1230	* 1.3082	* 0.7439
	* 2.1369	* 1.9252	* 1.5897	* 1.8115	* 1.5223	* 1.8347	* 1.5730	* 2.5149
9	* 1.0852	* 1.2640	* 1.1167	* 1.3083	* 1.1387	* 1.2194	* 1.3387	* 0.7373
	* 1.9252	* 1.6544	* 1.8678	* 1.5843	* 1.8124	* 1.6824	* 1.5356	* 2.5138
10	* 1.3083	* 1.1176	* 1.2664	* 1.2707	* 1.3042	* 1.1699	* 1.3064	* 0.7082
	* 1.5897	* 1.8663	* 1.6509	* 1.6286	* 1.5929	* 1.7437	* 1.5690	* 2.5953
11	* 1.1416	* 1.3085	* 1.2706	* 1.2697	* 1.1714	* 1.2369	* 1.2233	* 0.5948
	* 1.8115	* 1.5840	* 1.6288	* 1.6453	* 1.6710	* 1.6137	* 1.6720	* 3.1237
12	* 1.3585	* 1.1386	* 1.3039	* 1.1708	* 0.9322	* 1.0042	* 0.7516	
	* 1.5223	* 1.8129	* 1.5932	* 1.6734	* 1.7541	* 1.6612	* 2.3228	
13	* 1.1230	* 1.2185	* 1.1696	* 1.2354	* 1.0011	* 0.5455	* 0.4402	
	* 1.8347	* 1.6836	* 1.7445	* 1.6181	* 1.6715	* 2.8925	* 3.5861	
14	* 1.3082	* 1.3388	* 1.3061	* 1.2220	* 0.7495	* 0.4203		
	* 1.5730	* 1.5356	* 1.5694	* 1.6739	* 2.3330	* 3.7485		
15	* 0.7439	* 0.7397	* 0.7087	* 0.5942	F-SUB-Q			
	* 2.5149	* 2.5057	* 2.5936	* 3.1253	M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9044	* 1.2142	* 1.5032	* 1.2724	* 1.5623	* 1.2539	* 1.5114	* 0.8174
	* 1.9799	* 1.7719	* 1.4230	* 1.6710	* 1.3595	* 1.6856	* 1.3907	* 2.3402
9	* 1.2142	* 1.4471	* 1.2440	* 1.4974	* 1.2696	* 1.3681	* 1.5394	* 0.8094
	* 1.7719	* 1.4855	* 1.7230	* 1.4232	* 1.6707	* 1.5385	* 1.3666	* 2.3395
10	* 1.5032	* 1.2453	* 1.4185	* 1.4235	* 1.4874	* 1.3160	* 1.5074	* 0.7757
	* 1.4230	* 1.7212	* 1.5132	* 1.4944	* 1.4366	* 1.5920	* 1.3947	* 2.4299
11	* 1.2724	* 1.4979	* 1.4234	* 1.4463	* 1.3171	* 1.4377	* 1.4202	* 0.6567
	* 1.6710	* 1.4227	* 1.4946	* 1.4858	* 1.5228	* 1.4280	* 1.4786	* 2.9093
12	* 1.5623	* 1.2695	* 1.4871	* 1.3163	* 1.0406	* 1.1657	* 0.8318	
	* 1.3595	* 1.6710	* 1.4368	* 1.5252	* 1.6063	* 1.4855	* 2.1665	
13	* 1.2539	* 1.3671	* 1.3156	* 1.4355	* 1.1617	* 0.6393	* 0.4869	
	* 1.6856	* 1.5397	* 1.5928	* 1.4322	* 1.4951	* 2.5635	* 3.3628	
14	* 1.5114	* 1.5394	* 1.5070	* 1.4186	* 0.8293	* 0.4628		
	* 1.3907	* 1.3666	* 1.3952	* 1.4805	* 2.1766	* 3.5313		
15	* 0.8174	* 0.8120	* 0.7763	* 0.6560	F-SUB-Q			
	* 2.3402	* 2.3319	* 2.4281	* 2.9113	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9621	* 1.2889	* 1.6145	* 1.3417	* 1.6702	* 1.3175	* 1.6194	* 0.8631
	* 1.9532	* 1.7361	* 1.3733	* 1.6372	* 1.3125	* 1.6555	* 1.3381	* 2.2871
9	* 1.2889	* 1.5439	* 1.3132	* 1.5988	* 1.3378	* 1.4383	* 1.6427	* 0.8527
	* 1.7361	* 1.4461	* 1.6915	* 1.3770	* 1.6370	* 1.5102	* 1.3211	* 2.2927
10	* 1.6145	* 1.3145	* 1.4950	* 1.5064	* 1.5900	* 1.3905	* 1.6193	* 0.8185
	* 1.3733	* 1.6898	* 1.4897	* 1.4621	* 1.3899	* 1.5541	* 1.3381	* 2.3764
11	* 1.3417	* 1.5994	* 1.5063	* 1.5432	* 1.4039	* 1.5571	* 1.5335	* 0.6982
	* 1.6372	* 1.3764	* 1.4623	* 1.4384	* 1.4847	* 1.3704	* 1.4151	* 2.8222
12	* 1.6702	* 1.3378	* 1.5897	* 1.4029	* 1.1145	* 1.2717	* 0.8970	*
	* 1.3125	* 1.6372	* 1.3901	* 1.4872	* 1.5730	* 1.4318	* 2.0972	*
13	* 1.3175	* 1.4371	* 1.3899	* 1.5545	* 1.2671	* 0.7011	* 0.5243	*
	* 1.6555	* 1.5114	* 1.5549	* 1.3746	* 1.4417	* 2.4657	* 3.2875	*
14	* 1.6194	* 1.6427	* 1.6187	* 1.5315	* 0.8941	* 0.4987	*	*
	* 1.3381	* 1.3212	* 1.3385	* 1.4169	* 2.1072	* 3.4493	*	*
15	* 0.8631	* 0.8555	* 0.8191	* 0.6974	* F-SUB-Q			
	* 2.2871	* 2.2849	* 2.3747	* 2.8238	* M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0166	* 1.3453	* 1.6849	* 1.3841	* 1.7326	* 1.3539	* 1.6789	* 0.8935
	* 1.9681	* 1.7431	* 1.3693	* 1.6473	* 1.3120	* 1.6673	* 1.3320	* 2.2808
9	* 1.3453	* 1.6089	* 1.3594	* 1.6588	* 1.3788	* 1.4779	* 1.7030	* 0.8813
	* 1.7431	* 1.4498	* 1.7002	* 1.3779	* 1.6487	* 1.5221	* 1.3161	* 2.2904
10	* 1.6849	* 1.3609	* 1.5444	* 1.5610	* 1.6545	* 1.4370	* 1.6871	* 0.8485
	* 1.3693	* 1.6983	* 1.5007	* 1.4690	* 1.3904	* 1.5635	* 1.3327	* 2.3744
11	* 1.3841	* 1.6595	* 1.5608	* 1.6074	* 1.4725	* 1.6448	* 1.6111	* 0.7294
	* 1.6473	* 1.3773	* 1.4691	* 1.4295	* 1.4892	* 1.3619	* 1.4110	* 2.8197
12	* 1.7326	* 1.3789	* 1.6542	* 1.4712	* 1.1880	* 1.3605	* 0.9546	*
	* 1.3120	* 1.6488	* 1.3906	* 1.4917	* 1.5835	* 1.4299	* 2.0836	*
13	* 1.3539	* 1.4766	* 1.4364	* 1.6417	* 1.3551	* 0.7591	* 0.5621	*
	* 1.6673	* 1.5233	* 1.5643	* 1.3662	* 1.4399	* 2.4660	* 3.2924	*
14	* 1.6789	* 1.7029	* 1.6864	* 1.6088	* 0.9513	* 0.5349	*	*
	* 1.3320	* 1.3161	* 1.3331	* 1.4128	* 2.0935	* 3.4528	*	*
15	* 0.8935	* 0.8842	* 0.8491	* 0.7286	* F-SUB-Q			
	* 2.2808	* 2.2827	* 2.3725	* 2.8211	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1061	* 1.4083	* 1.7574	* 1.4223	* 1.7941	* 1.3847	* 1.7368	* 0.9098
	* 1.9898	* 1.7553	* 1.3840	* 1.6841	* 1.3287	* 1.7068	* 1.3427	* 2.3367
9	* 1.4083	* 1.6887	* 1.4041	* 1.7173	* 1.4157	* 1.5167	* 1.7664	* 0.8966
	* 1.7553	* 1.4714	* 1.7357	* 1.3974	* 1.6861	* 1.5557	* 1.3279	* 2.3502
10	* 1.7574	* 1.4056	* 1.5954	* 1.6160	* 1.7211	* 1.4825	* 1.7563	* 0.8641
	* 1.3840	* 1.7336	* 1.5316	* 1.4965	* 1.4089	* 1.5953	* 1.3450	* 2.4438
11	* 1.4223	* 1.7181	* 1.6158	* 1.6944	* 1.5563	* 1.7457	* 1.6941	* 0.7486
	* 1.6841	* 1.3967	* 1.4966	* 1.4250	* 1.5017	* 1.3580	* 1.4181	* 2.9015
12	* 1.7941	* 1.4158	* 1.7207	* 1.5548	* 1.3013	* 1.4834	* 1.0034	
	* 1.3287	* 1.6861	* 1.4090	* 1.5043	* 1.6045	* 1.4390	* 2.1168	
13	* 1.3847	* 1.5153	* 1.4816	* 1.7419	* 1.4750	* 0.8411	* 0.5985	
	* 1.7068	* 1.5570	* 1.5961	* 1.3622	* 1.4491	* 2.4820	* 3.3700	
14	* 1.7368	* 1.7662	* 1.7554	* 1.6913	* 0.9997	* 0.5678		
	* 1.3427	* 1.3277	* 1.3454	* 1.4218	* 2.1267	* 3.5448		
15	* 0.9098	* 0.8996	* 0.8647	* 0.7477	F-SUB-Q			
	* 2.3367	* 2.3418	* 2.4416	* 2.9024	M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2201	* 1.4637	* 1.8086	* 1.4474	* 1.8330	* 1.4032	* 1.7718	* 0.9217
	* 2.0487	* 1.8037	* 1.4333	* 1.7559	* 1.3782	* 1.7804	* 1.3881	* 2.4320
9	* 1.4637	* 1.7519	* 1.4368	* 1.7560	* 1.4398	* 1.5437	* 1.8069	* 0.9080
	* 1.8037	* 1.5161	* 1.8085	* 1.4504	* 1.7587	* 1.6228	* 1.3735	* 2.4493
10	* 1.8086	* 1.4385	* 1.6325	* 1.6562	* 1.7831	* 1.5274	* 1.8037	* 0.8771
	* 1.4333	* 1.8061	* 1.5960	* 1.5567	* 1.4539	* 1.6609	* 1.3911	* 2.5499
11	* 1.4474	* 1.7560	* 1.6559	* 1.7711	* 1.6339	* 1.8315	* 1.7614	* 0.7658
	* 1.7559	* 1.4497	* 1.5568	* 1.4511	* 1.5337	* 1.3819	* 1.4455	* 3.0258
12	* 1.8330	* 1.4399	* 1.7817	* 1.6320	* 1.4410	* 1.6462	* 1.0531	
	* 1.3782	* 1.7587	* 1.4567	* 1.5365	* 1.6408	* 1.4646	* 2.1647	
13	* 1.4032	* 1.5422	* 1.5252	* 1.8270	* 1.6361	* 0.9310	* 0.6373	
	* 1.7804	* 1.6241	* 1.6616	* 1.3864	* 1.4748	* 2.5306	* 3.4534	
14	* 1.7718	* 1.8067	* 1.8026	* 1.7577	* 1.0489	* 0.6039		
	* 1.3881	* 1.3732	* 1.3914	* 1.4494	* 2.1751	* 3.6369		
15	* 0.9217	* 0.9111	* 0.8776	* 0.7648	F-SUB-Q			
	* 2.4320	* 2.4402	* 2.5475	* 3.0264	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 8 rows of data. Values range from 0.6301 to 3.2008. Includes F-SUB-Q and M-SUB-Q values at the bottom of the table.

AT 75% POWER, 175 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 8 rows of data. Values range from 0.6581 to 3.3295. Includes F-SUB-Q and M-SUB-Q values at the bottom of the table.

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3506	* 1.5440	* 1.8959	* 1.4869	* 1.8969	* 1.4244	* 1.8289	* 0.9340
	* 2.3803	* 2.0715	* 1.6841	* 2.1348	* 1.6533	* 2.1584	* 1.6513	* 2.9411
9	* 1.5440	* 1.8567	* 1.4886	* 1.8335	* 1.4788	* 1.5829	* 1.8771	* 0.9200
	* 2.0715	* 1.7218	* 2.1546	* 1.7269	* 2.1337	* 1.9659	* 1.6346	* 2.9706
10	* 1.8959	* 1.4902	* 1.6933	* 1.7211	* 1.9042	* 1.6041	* 1.8918	* 0.8916
	* 1.6841	* 2.1522	* 1.8850	* 1.8275	* 1.6495	* 1.9301	* 1.6312	* 3.0994
11	* 1.4869	* 1.8329	* 1.7207	* 1.9098	* 1.7680	* 1.9837	* 1.8851	* 0.7908
	* 2.1348	* 1.7274	* 1.8279	* 1.6430	* 1.7592	* 1.5642	* 1.6333	* 3.5578
12	* 1.8969	* 1.4787	* 1.9024	* 1.7651	* 1.6275	* 1.8513	* 1.1302	
	* 1.6533	* 2.1343	* 1.6526	* 1.7626	* 1.9009	* 1.6730	* 2.4936	
13	* 1.4244	* 1.5810	* 1.6012	* 1.9774	* 1.8386	* 1.0567	* 0.6963	
	* 2.1584	* 1.9663	* 1.9340	* 1.5693	* 1.6849	* 2.9045	* 4.0093	
14	* 1.8289	* 1.8767	* 1.8888	* 1.8803	* 1.1250	* 0.6572	*	
	* 1.6513	* 1.6341	* 1.6337	* 1.6375	* 2.5054	* 4.2382	*	
15	* 0.9340	* 0.9223	* 0.8920	* 0.7896	* F-SUB-Q			
	* 2.9411	* 2.9588	* 3.0959	* 3.5616	* M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3528	* 1.5475	* 1.9037	* 1.4870	* 1.9010	* 1.4214	* 1.8335	* 0.9333
	* 2.4333	* 2.1120	* 1.7206	* 2.1945	* 1.7203	* 2.2971	* 1.7760	* 3.1695
9	* 1.5475	* 1.8647	* 1.4901	* 1.8393	* 1.4782	* 1.5819	* 1.8840	* 0.9191
	* 2.1120	* 1.7594	* 2.1976	* 1.7835	* 2.2109	* 2.0606	* 1.7410	* 3.2036
10	* 1.9037	* 1.4918	* 1.6956	* 1.7239	* 1.9150	* 1.6084	* 1.9037	* 0.8911
	* 1.7206	* 2.1952	* 1.9330	* 1.8930	* 1.7196	* 2.0316	* 1.7281	* 3.3210
11	* 1.4870	* 1.8387	* 1.7235	* 1.9221	* 1.7786	* 1.9999	* 1.9000	* 0.7926
	* 2.1945	* 1.7840	* 1.8934	* 1.7154	* 1.8524	* 1.6502	* 1.7352	* 3.7918
12	* 1.9010	* 1.4781	* 1.9131	* 1.7755	* 1.6356	* 1.8678	* 1.1380	
	* 1.7203	* 2.2113	* 1.7213	* 1.8558	* 2.0147	* 1.7736	* 2.6532	
13	* 1.4214	* 1.5800	* 1.6053	* 1.9933	* 1.8547	* 1.0668	* 0.7009	
	* 2.2971	* 2.0630	* 2.0356	* 1.6554	* 1.7859	* 3.0854	* 4.2669	
14	* 1.8335	* 1.8835	* 1.9007	* 1.8949	* 1.1327	* 0.6612	*	
	* 1.7760	* 1.7414	* 1.7306	* 1.7396	* 2.6658	* 4.5130	*	
15	* 0.9333	* 0.9211	* 0.8914	* 0.7914	* F-SUB-Q			
	* 3.1695	* 3.1906	* 3.3191	* 3.7954	* M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3399	* 1.5342	* 1.8818	* 1.4717	* 1.8765	* 1.4061	* 1.8114	* 0.9341
	* 2.4201	* 2.0982	* 1.7147	* 2.1830	* 1.7145	* 2.2804	* 1.7739	* 3.1419
9	* 1.5342	* 1.8441	* 1.4756	* 1.8194	* 1.4631	* 1.5640	* 1.8633	* 0.9177
	* 2.0982	* 1.7528	* 2.1850	* 1.7765	* 2.2005	* 2.0524	* 1.7337	* 3.1737
10	* 1.8818	* 1.4772	* 1.6778	* 1.7064	* 1.8967	* 1.5953	* 1.8864	* 0.8934
	* 1.7147	* 2.1826	* 1.9243	* 1.8849	* 1.7139	* 2.0220	* 1.7205	* 3.2615
11	* 1.4717	* 1.8188	* 1.7061	* 1.9045	* 1.7655	* 1.9830	* 1.8859	* 0.7967
	* 2.1830	* 1.7770	* 1.8852	* 1.7099	* 1.8443	* 1.6442	* 1.7267	* 3.7214
12	* 1.8765	* 1.4628	* 1.8947	* 1.7623	* 1.6220	* 1.8561	* 1.1489	
	* 1.7145	* 2.2008	* 1.7155	* 1.8478	* 2.0099	* 1.7654	* 2.5976	
13	* 1.4061	* 1.5621	* 1.5921	* 1.9763	* 1.8422	* 1.0571	* 0.7052	
	* 2.2804	* 2.0547	* 2.0262	* 1.6494	* 1.7782	* 3.0956	* 4.2325	
14	* 1.8114	* 1.8627	* 1.8833	* 1.8807	* 1.1434	* 0.6688		
	* 1.7739	* 1.7340	* 1.7231	* 1.7311	* 2.6100	* 4.4512		
15	* 0.9341	* 0.9198	* 0.8938	* 0.7953	F-SUB-Q			
	* 3.1419	* 3.1619	* 3.2592	* 3.7253	M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3401	* 1.5373	* 1.9007	* 1.4729	* 1.8934	* 1.4045	* 1.8320	* 0.9233
	* 2.3388	* 2.0252	* 1.6466	* 2.1078	* 1.6478	* 2.2068	* 1.6979	* 3.0548
9	* 1.5373	* 1.8615	* 1.4776	* 1.8328	* 1.4631	* 1.5666	* 1.8854	* 0.9084
	* 2.0252	* 1.6853	* 2.1088	* 1.7130	* 2.1315	* 1.9871	* 1.6661	* 3.0916
10	* 1.9007	* 1.4793	* 1.6832	* 1.7121	* 1.9146	* 1.5998	* 1.9115	* 0.8802
	* 1.6466	* 2.1064	* 1.8601	* 1.8280	* 1.6595	* 1.9690	* 1.6595	* 3.1878
11	* 1.4729	* 1.8322	* 1.7117	* 1.9246	* 1.7764	* 2.0089	* 1.9114	* 0.7859
	* 2.1078	* 1.7133	* 1.8282	* 1.6588	* 1.7998	* 1.5949	* 1.6710	* 3.6371
12	* 1.8934	* 1.4630	* 1.9126	* 1.7731	* 1.6285	* 1.8752	* 1.1339	
	* 1.6478	* 2.1316	* 1.6609	* 1.8031	* 1.9663	* 1.7137	* 2.5608	
13	* 1.4045	* 1.5646	* 1.5967	* 2.0020	* 1.8615	* 1.0677	* 0.6951	
	* 2.2068	* 1.9891	* 1.9724	* 1.5998	* 1.7252	* 2.9709	* 4.1264	
14	* 1.8320	* 1.8849	* 1.9083	* 1.9060	* 1.1284	* 0.6541		
	* 1.6979	* 1.6662	* 1.6604	* 1.6747	* 2.5725	* 4.3723		
15	* 0.9233	* 0.9104	* 0.8806	* 0.7846	F-SUB-Q			
	* 3.0548	* 3.0791	* 3.1855	* 3.6398	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3290	* 1.5277	* 1.8945	* 1.4618	* 1.8862	* 1.3930	* 1.8293	* 0.9145
	* 2.1626	* 1.8707	* 1.5152	* 1.9433	* 1.5148	* 2.0328	* 1.5588	* 2.8160
9	* 1.5277	* 1.8550	* 1.4669	* 1.8253	* 1.4515	* 1.5552	* 1.8837	* 0.8997
	* 1.8707	* 1.5522	* 1.9491	* 1.5784	* 1.9681	* 1.8339	* 1.5298	* 2.8482
10	* 1.8945	* 1.4687	* 1.6722	* 1.7013	* 1.9091	* 1.5913	* 1.9122	* 0.8707
	* 1.5152	* 1.9467	* 1.7176	* 1.6905	* 1.5264	* 1.8149	* 1.5236	* 2.9464
11	* 1.4618	* 1.8247	* 1.7009	* 1.9193	* 1.7692	* 2.0086	* 1.9133	* 0.7784
	* 1.9433	* 1.5778	* 1.6907	* 1.5247	* 1.6559	* 1.4615	* 1.5287	* 3.3705
12	* 1.8862	* 1.4514	* 1.9070	* 1.7658	* 1.6192	* 1.8733	* 1.1240	*
	* 1.5148	* 1.9681	* 1.5278	* 1.6590	* 1.8128	* 1.5723	* 2.3652	*
13	* 1.3930	* 1.5532	* 1.5881	* 2.0015	* 1.8593	* 1.0649	* 0.6875	*
	* 2.0328	* 1.8358	* 1.8183	* 1.4660	* 1.5829	* 2.7279	* 3.8207	*
14	* 1.8293	* 1.8831	* 1.9089	* 1.9079	* 1.1185	* 0.6456	*	*
	* 1.5588	* 1.5297	* 1.5256	* 1.5323	* 2.3762	* 4.0573	*	*
15	* 0.9145	* 0.9017	* 0.8711	* 0.7770	F-SUB-Q			
	* 2.8160	* 2.8368	* 2.9440	* 3.3735	M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3117	* 1.5089	* 1.8730	* 1.4425	* 1.8648	* 1.3757	* 1.8123	* 0.9065
	* 2.0062	* 1.7317	* 1.4032	* 1.8053	* 1.4031	* 1.8872	* 1.4425	* 2.6079
9	* 1.5089	* 1.8346	* 1.4480	* 1.8038	* 1.4322	* 1.5365	* 1.8675	* 0.8908
	* 1.7317	* 1.4354	* 1.8058	* 1.4626	* 1.8279	* 1.7014	* 1.4127	* 2.6392
10	* 1.8730	* 1.4499	* 1.6524	* 1.6804	* 1.8888	* 1.5738	* 1.8971	* 0.8628
	* 1.4032	* 1.8035	* 1.5912	* 1.5663	* 1.4152	* 1.6819	* 1.4048	* 2.7245
11	* 1.4425	* 1.8032	* 1.6801	* 1.8993	* 1.7511	* 1.9915	* 1.8994	* 0.7722
	* 1.8053	* 1.4629	* 1.5665	* 1.4144	* 1.5383	* 1.3526	* 1.4110	* 3.1066
12	* 1.8648	* 1.4321	* 1.8867	* 1.7476	* 1.6003	* 1.8570	* 1.1178	*
	* 1.4031	* 1.8279	* 1.4165	* 1.5413	* 1.6881	* 1.4597	* 2.1847	*
13	* 1.3757	* 1.5344	* 1.5703	* 1.9843	* 1.8427	* 1.0526	* 0.6810	*
	* 1.8872	* 1.7032	* 1.6849	* 1.3567	* 1.4698	* 2.5411	* 3.5520	*
14	* 1.8123	* 1.8670	* 1.8937	* 1.8939	* 1.1122	* 0.6398	*	*
	* 1.4425	* 1.4127	* 1.4072	* 1.4142	* 2.1948	* 3.7691	*	*
15	* 0.9065	* 0.8927	* 0.8632	* 0.7708	F-SUB-Q			
	* 2.6079	* 2.6287	* 2.7222	* 3.1094	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2849	* 1.4794	* 1.8296	* 1.4129	* 1.8229	* 1.3501	* 1.7752	* 0.8989
	* 2.0380	* 1.7614	* 1.4317	* 1.8372	* 1.4313	* 1.9202	* 1.4698	* 2.6283
9	* 1.4794	* 1.7935	* 1.4185	* 1.7642	* 1.4036	* 1.5060	* 1.8305	* 0.8819
	* 1.7614	* 1.4642	* 1.8383	* 1.4916	* 1.8606	* 1.7299	* 1.4353	* 2.6622
10	* 1.8296	* 1.4203	* 1.6190	* 1.6459	* 1.8487	* 1.5456	* 1.8609	* 0.8574
	* 1.4317	* 1.8359	* 1.6199	* 1.5951	* 1.4397	* 1.7053	* 1.4256	* 2.7334
11	* 1.4129	* 1.7636	* 1.6455	* 1.8571	* 1.7180	* 1.9522	* 1.8653	* 0.7678
	* 1.8372	* 1.4918	* 1.5953	* 1.4388	* 1.5559	* 1.3698	* 1.4279	* 3.1151
12	* 1.8229	* 1.4034	* 1.8465	* 1.7145	* 1.5745	* 1.8231	* 1.1138	
	* 1.4313	* 1.8607	* 1.4411	* 1.5590	* 1.6946	* 1.4723	* 2.1754	
13	* 1.3501	* 1.5040	* 1.5422	* 1.9449	* 1.8081	* 1.0299	* 0.6758	
	* 1.9202	* 1.7318	* 1.7088	* 1.3743	* 1.4835	* 2.5673	* 3.5452	
14	* 1.7752	* 1.8299	* 1.8575	* 1.8597	* 1.1081	* 0.6393		
	* 1.4698	* 1.4354	* 1.4277	* 1.4316	* 2.1859	* 3.7366		
15	* 0.8989	* 0.8836	* 0.8578	* 0.7663	F-SUB-Q			
	* 2.6283	* 2.6519	* 2.7313	* 3.1184	M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2693	* 1.4634	* 1.8240	* 1.3962	* 1.8186	* 1.3349	* 1.7772	* 0.8773
	* 1.9116	* 1.6555	* 1.3351	* 1.7328	* 1.3372	* 1.8123	* 1.3689	* 2.5146
9	* 1.4634	* 1.7878	* 1.4025	* 1.7561	* 1.3865	* 1.4930	* 1.8335	* 0.8621
	* 1.6555	* 1.3653	* 1.7303	* 1.3952	* 1.7541	* 1.6258	* 1.3341	* 2.5395
10	* 1.8240	* 1.4044	* 1.6063	* 1.6314	* 1.8456	* 1.5314	* 1.8647	* 0.8333
	* 1.3351	* 1.7280	* 1.5201	* 1.4975	* 1.3404	* 1.5992	* 1.3208	* 2.6213
11	* 1.3962	* 1.7555	* 1.6311	* 1.8510	* 1.7070	* 1.9535	* 1.8689	* 0.7466
	* 1.7328	* 1.3956	* 1.4977	* 1.3422	* 1.4550	* 1.2712	* 1.3233	* 2.9781
12	* 1.8186	* 1.3863	* 1.8407	* 1.7034	* 1.5552	* 1.8191	* 1.0812	
	* 1.3372	* 1.7542	* 1.3437	* 1.4580	* 1.5937	* 1.3691	* 2.0831	
13	* 1.3349	* 1.4909	* 1.5279	* 1.9460	* 1.8045	* 1.0257	* 0.6552	
	* 1.8123	* 1.6278	* 1.6024	* 1.2755	* 1.3793	* 2.3913	* 3.3995	
14	* 1.7772	* 1.8329	* 1.8612	* 1.8632	* 1.0756	* 0.6139		
	* 1.3689	* 1.3343	* 1.3228	* 1.3266	* 2.0934	* 3.6179		
15	* 0.8773	* 0.8640	* 0.8337	* 0.7451	F-SUB-Q			
	* 2.5146	* 2.5334	* 2.6195	* 2.9818	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2369	* 1.4264	* 1.7775	* 1.3595	* 1.7748	* 1.3034	* 1.7394	* 0.8559
	* 1.8404	* 1.5973	* 1.2883	* 1.6763	* 1.2898	* 1.7492	* 1.3169	* 2.4309
9	* 1.4264	* 1.7440	* 1.3663	* 1.7125	* 1.3508	* 1.4587	* 1.7957	* 0.8411
	* 1.5973	* 1.3159	* 1.6716	* 1.3465	* 1.6954	* 1.5666	* 1.2811	* 2.4536
10	* 1.7775	* 1.3682	* 1.5695	* 1.5920	* 1.8036	* 1.4959	* 1.8265	* 0.8126
	* 1.2883	* 1.6693	* 1.4641	* 1.4436	* 1.2870	* 1.5372	* 1.2656	* 2.5323
11	* 1.3595	* 1.7119	* 1.5916	* 1.8049	* 1.6686	* 1.9110	* 1.8316	* 0.7279
	* 1.6763	* 1.3469	* 1.4438	* 1.2913	* 1.3942	* 1.2173	* 1.2655	* 2.8731
12	* 1.7748	* 1.3506	* 1.7983	* 1.6649	* 1.5185	* 1.7795	* 1.0543	
	* 1.2898	* 1.6955	* 1.2904	* 1.3972	* 1.5259	* 1.3095	* 2.0021	
13	* 1.3034	* 1.4566	* 1.4923	* 1.9033	* 1.7649	* 0.9989	* 0.6367	
	* 1.7492	* 1.5686	* 1.5407	* 1.2217	* 1.3196	* 2.2987	* 3.2797	
14	* 1.7394	* 1.7951	* 1.8230	* 1.8258	* 1.0486	* 0.5961		
	* 1.3169	* 1.2814	* 1.2677	* 1.2690	* 2.0124	* 3.4931		
15	* 0.8559	* 0.8430	* 0.8129	* 0.7263	* F-SUB-Q			
	* 2.4309	* 2.4476	* 2.5307	* 2.8773	* M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1834	* 1.3623	* 1.6798	* 1.2972	* 1.6809	* 1.2505	* 1.6497	* 0.8314
	* 1.8286	* 1.5896	* 1.2953	* 1.6710	* 1.2948	* 1.7353	* 1.3201	* 2.3842
9	* 1.3623	* 1.6523	* 1.3047	* 1.6237	* 1.2912	* 1.3973	* 1.7052	* 0.8158
	* 1.5896	* 1.3196	* 1.6649	* 1.3498	* 1.6880	* 1.5555	* 1.2816	* 2.4102
10	* 1.6798	* 1.3065	* 1.5026	* 1.5211	* 1.7108	* 1.4324	* 1.7338	* 0.7926
	* 1.2953	* 1.6626	* 1.4540	* 1.4358	* 1.2875	* 1.5238	* 1.2650	* 2.4713
11	* 1.2972	* 1.6231	* 1.5207	* 1.7079	* 1.5953	* 1.8112	* 1.7405	* 0.7089
	* 1.6710	* 1.3501	* 1.4361	* 1.2946	* 1.3825	* 1.2169	* 1.2622	* 2.8059
12	* 1.6809	* 1.2909	* 1.7057	* 1.5918	* 1.4606	* 1.6933	* 1.0291	
	* 1.2948	* 1.6881	* 1.2911	* 1.3856	* 1.5013	* 1.3037	* 1.9456	
13	* 1.2505	* 1.3953	* 1.4289	* 1.8038	* 1.6784	* 0.9426	* 0.6179	
	* 1.7353	* 1.5575	* 1.5274	* 1.2216	* 1.3147	* 2.3090	* 3.2084	
14	* 1.6497	* 1.7046	* 1.7304	* 1.7349	* 1.0234	* 0.5831		
	* 1.3201	* 1.2818	* 1.2672	* 1.2659	* 1.9561	* 3.3904		
15	* 0.8314	* 0.8172	* 0.7929	* 0.7071	* F-SUB-Q			
	* 2.3842	* 2.4046	* 2.4699	* 2.8110	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1302	* 1.2982	* 1.5948	* 1.2349	* 1.5994	* 1.1936	* 1.5703	* 0.7813
	* 1.8387	* 1.6014	* 1.3088	* 1.6859	* 1.3059	* 1.7463	* 1.3314	* 2.4400
9	* 1.2982	* 1.5709	* 1.2434	* 1.5459	* 1.2303	* 1.3386	* 1.6247	* 0.7687
	* 1.6014	* 1.3317	* 1.6772	* 1.3606	* 1.7002	* 1.5586	* 1.2902	* 2.4583
10	* 1.5948	* 1.2452	* 1.4423	* 1.4551	* 1.6276	* 1.3659	* 1.6517	* 0.7424
	* 1.3088	* 1.6749	* 1.4538	* 1.4398	* 1.2974	* 1.5319	* 1.2733	* 2.5362
11	* 1.2349	* 1.5454	* 1.4547	* 1.6203	* 1.5266	* 1.7234	* 1.6573	* 0.6623
	* 1.6859	* 1.3609	* 1.4400	* 1.3079	* 1.3839	* 1.2247	* 1.2698	* 2.8858
12	* 1.5994	* 1.2301	* 1.6227	* 1.5233	* 1.3907	* 1.6110	* 0.9584	
	* 1.3059	* 1.7003	* 1.3010	* 1.3870	* 1.5127	* 1.3127	* 2.0035	
13	* 1.1936	* 1.3367	* 1.3626	* 1.7162	* 1.5971	* 0.8899	* 0.5763	
	* 1.7463	* 1.5606	* 1.5356	* 1.2296	* 1.3236	* 2.3455	* 3.3036	
14	* 1.5703	* 1.6241	* 1.6489	* 1.6519	* 0.9531	* 0.5389		
	* 1.3314	* 1.2906	* 1.2752	* 1.2738	* 2.0145	* 3.5233		
15	* 0.7813	* 0.7704	* 0.7427	* 0.6606	* F-SUB-Q			
	* 2.4400	* 2.4524	* 2.5349	* 2.8912	* M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0273	* 1.1814	* 1.4248	* 1.1244	* 1.4266	* 1.0842	* 1.3950	* 0.7104
	* 1.9606	* 1.7038	* 1.4176	* 1.7933	* 1.4175	* 1.8631	* 1.4518	* 2.6044
9	* 1.1814	* 1.4053	* 1.1316	* 1.3890	* 1.1212	* 1.2170	* 1.4438	* 0.6991
	* 1.7038	* 1.4407	* 1.7849	* 1.4657	* 1.8068	* 1.6601	* 1.4065	* 2.6236
10	* 1.4248	* 1.1330	* 1.3143	* 1.3273	* 1.4575	* 1.2410	* 1.4706	* 0.6742
	* 1.4176	* 1.7826	* 1.5443	* 1.5271	* 1.4052	* 1.6314	* 1.3839	* 2.7100
11	* 1.1244	* 1.3886	* 1.3271	* 1.4509	* 1.3878	* 1.5337	* 1.4749	* 0.5971
	* 1.7933	* 1.4660	* 1.5273	* 1.4124	* 1.4718	* 1.3306	* 1.3804	* 3.1057
12	* 1.4266	* 1.1211	* 1.4557	* 1.3849	* 1.2663	* 1.4393	* 0.8663	
	* 1.4175	* 1.8070	* 1.4068	* 1.4750	* 1.6068	* 1.4211	* 2.1472	
13	* 1.0842	* 1.2153	* 1.2381	* 1.5274	* 1.4268	* 0.7849	* 0.5220	
	* 1.8631	* 1.6623	* 1.6353	* 1.3358	* 1.4332	* 2.5766	* 3.5390	
14	* 1.3950	* 1.4433	* 1.4681	* 1.4700	* 0.8616	* 0.4864		
	* 1.4518	* 1.4068	* 1.3860	* 1.3848	* 2.1590	* 3.7879		
15	* 0.7104	* 0.7007	* 0.6745	* 0.5958	* F-SUB-Q			
	* 2.6044	* 2.6173	* 2.7087	* 3.1109	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 175 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8217	* 0.9533	* 1.2018	* 0.9120	* 1.1846	* 0.8659	* 1.1482	* 0.5796
	* 2.3926	* 2.0592	* 1.6393	* 2.1563	* 1.6659	* 2.2781	* 1.7221	* 3.1225
9	* 0.9533	* 1.1614	* 0.9139	* 1.1594	* 0.9088	* 0.9718	* 1.1725	* 0.5627
	* 2.0592	* 1.6988	* 2.1553	* 1.7082	* 2.1734	* 2.0288	* 1.6900	* 3.1876
10	* 1.2018	* 0.9149	* 1.0620	* 1.0752	* 1.2108	* 0.9960	* 1.1816	* 0.5447
	* 1.6393	* 2.1529	* 1.8630	* 1.8380	* 1.6444	* 1.9813	* 1.6800	* 3.2811
11	* 0.9120	* 1.1598	* 1.0749	* 1.2374	* 1.1140	* 1.2548	* 1.1670	* 0.4756
	* 2.1563	* 1.7076	* 1.8385	* 1.6123	* 1.7854	* 1.5856	* 1.7020	* 3.8141
12	* 1.1846	* 0.9087	* 1.2091	* 1.1119	* 1.0172	* 1.1245	* 0.6975	
	* 1.6659	* 2.1740	* 1.6465	* 1.7890	* 1.9499	* 1.7725	* 2.6048	
13	* 0.8659	* 0.9705	* 0.9939	* 1.2504	* 1.1151	* 0.5995	* 0.4202	
	* 2.2781	* 2.0313	* 1.9856	* 1.5910	* 1.7873	* 3.2970	* 4.3015	
14	* 1.1482	* 1.1721	* 1.1796	* 1.1634	* 0.6937	* 0.3890		
	* 1.7221	* 1.6904	* 1.6815	* 1.7069	* 2.6188	* 4.6335		
15	* 0.5796	* 0.5645	* 0.5449	* 0.4741	F-SUB-Q			
	* 3.1225	* 3.1768	* 3.2796	* 3.8239	M-SUB-Q			

AT 75% POWER, 175 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3598	* 0.3971	* 0.4741	* 0.4010	* 0.4623	* 0.3753	* 0.4202	* 0.2381
	* 5.3536	* 4.8392	* 4.0658	* 4.8030	* 4.1777	* 5.1524	* 4.6082	* 7.4558
9	* 0.3971	* 0.4587	* 0.4006	* 0.4736	* 0.4011	* 0.3888	* 0.4271	* 0.2310
	* 4.8392	* 4.2050	* 4.8179	* 4.0919	* 4.8226	* 4.9619	* 4.5409	* 7.6171
10	* 0.4741	* 0.4011	* 0.4208	* 0.4337	* 0.4924	* 0.4112	* 0.4295	* 0.2254
	* 4.0658	* 4.8121	* 4.5986	* 4.4548	* 3.9526	* 4.6952	* 4.5203	* 7.7824
11	* 0.4010	* 0.4736	* 0.4334	* 0.4981	* 0.4428	* 0.4819	* 0.4193	* 0.1999
	* 4.8030	* 4.0919	* 4.4561	* 3.9110	* 4.3837	* 4.0381	* 4.6370	* 8.9057
12	* 0.4623	* 0.4009	* 0.4917	* 0.4421	* 0.4064	* 0.4302	* 0.2894	
	* 4.1777	* 4.8246	* 3.9574	* 4.3909	* 4.7680	* 4.5259	* 6.1526	
13	* 0.3753	* 0.3883	* 0.4104	* 0.4802	* 0.4272	* 0.3364	* 0.1699	
	* 5.1524	* 4.9673	* 4.7049	* 4.0518	* 4.5582	* 5.7835	* 10.4552	
14	* 0.4202	* 0.4269	* 0.4290	* 0.4180	* 0.2878	* 0.1626		
	* 4.6082	* 4.5423	* 4.5247	* 4.6511	* 6.1859	* 10.9010		
15	* 0.2381	* 0.2317	* 0.2254	* 0.1993	F-SUB-Q			
	* 7.4558	* 7.5948	* 7.7795	* 8.9298	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3335	* 0.4261	* 0.5230	* 0.4691	* 0.5289	* 0.4427	* 0.4724	* 0.2787
	* 4.8043	* 4.6658	* 3.8615	* 4.2009	* 3.7940	* 4.4812	* 4.3081	* 6.6048
9	* 0.4261	* 0.4975	* 0.4592	* 0.5316	* 0.4637	* 0.4493	* 0.4719	* 0.2719
	* 4.6658	* 4.1219	* 4.3524	* 3.8029	* 4.2438	* 4.3638	* 4.2924	* 6.7149
10	* 0.5230	* 0.4593	* 0.4804	* 0.4878	* 0.5238	* 0.4458	* 0.4600	* 0.2651
	* 3.8615	* 4.3524	* 4.2086	* 4.0553	* 3.8413	* 4.3680	* 4.3336	* 6.7350
11	* 0.4691	* 0.5315	* 0.4878	* 0.5179	* 0.4464	* 0.4679	* 0.4232	* 0.2209
	* 4.2009	* 3.8036	* 4.0558	* 3.9443	* 4.2877	* 4.1837	* 4.6898	* 8.1169
12	* 0.5289	* 0.4636	* 0.5237	* 0.4462	* 0.3451	* 0.3667	* 0.2765	
	* 3.7940	* 4.2454	* 3.8422	* 4.2923	* 4.4808	* 4.5192	* 6.1271	
13	* 0.4427	* 0.4491	* 0.4457	* 0.4675	* 0.3660	* 0.2768	* 0.1612	
	* 4.4812	* 4.3659	* 4.3701	* 4.1925	* 4.5381	* 5.3473	* 9.5141	
14	* 0.4724	* 0.4719	* 0.4599	* 0.4230	* 0.2759	* 0.1572		
	* 4.3081	* 4.2921	* 4.3343	* 4.6930	* 6.1500	* 9.7155		
15	* 0.2787	* 0.2726	* 0.2653	* 0.2207	F-SUB-Q			
	* 6.6048	* 6.6975	* 6.7302	* 8.1205	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6884	* 0.9320	* 1.1772	* 0.9766	* 1.1949	* 0.9361	* 1.1401	* 0.6336
	* 2.4527	* 2.1939	* 1.7633	* 2.0792	* 1.7303	* 2.1776	* 1.8377	* 2.9880
9	* 0.9320	* 1.1104	* 0.9577	* 1.1642	* 0.9687	* 1.0203	* 1.1415	* 0.6211
	* 2.1939	* 1.8843	* 2.1387	* 1.7855	* 2.0931	* 1.9798	* 1.8165	* 2.9969
10	* 1.1772	* 0.9581	* 1.0835	* 1.0933	* 1.1451	* 0.9809	* 1.1163	* 0.5977
	* 1.7633	* 2.1384	* 1.9176	* 1.8576	* 1.8064	* 2.0470	* 1.8380	* 3.0690
11	* 0.9766	* 1.1640	* 1.0932	* 1.1191	* 1.0066	* 1.0779	* 1.0278	* 0.4962
	* 2.0792	* 1.7858	* 1.8577	* 1.8324	* 1.9301	* 1.8529	* 1.9853	* 3.7230
12	* 1.1949	* 0.9685	* 1.1448	* 1.0063	* 0.7772	* 0.8604	* 0.6288	
	* 1.7303	* 2.0937	* 1.8070	* 1.9323	* 2.0241	* 1.9874	* 2.7569	
13	* 0.9361	* 1.0196	* 0.9807	* 1.0770	* 0.8584	* 0.4630	* 0.3799	
	* 2.1776	* 1.9810	* 2.0479	* 1.8568	* 1.9973	* 3.4015	* 4.1284	
14	* 1.1401	* 1.1416	* 1.1163	* 1.0270	* 0.6274	* 0.3644		
	* 1.8377	* 1.8164	* 1.8382	* 1.9869	* 2.7672	* 4.2847		
15	* 0.6336	* 0.6227	* 0.5981	* 0.4958	F-SUB-Q			
	* 2.9880	* 2.9895	* 3.0666	* 3.7247	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8466	* 1.1318	* 1.4007	* 1.1854	* 1.4321	* 1.1449	* 1.3662	* 0.7730
	* 2.0893	* 1.8458	* 1.5133	* 1.7508	* 1.4744	* 1.8140	* 1.5400	* 2.4644
9	* 1.1318	* 1.3249	* 1.1624	* 1.3762	* 1.1774	* 1.2449	* 1.3768	* 0.7648
	* 1.8458	* 1.6080	* 1.7970	* 1.5376	* 1.7595	* 1.6543	* 1.5260	* 2.4683
10	* 1.4007	* 1.1632	* 1.3018	* 1.3215	* 1.3686	* 1.1957	* 1.3508	* 0.7343
	* 1.5133	* 1.7965	* 1.6097	* 1.5665	* 1.5478	* 1.7129	* 1.5478	* 2.5448
11	* 1.1854	* 1.3764	* 1.3215	* 1.3284	* 1.2155	* 1.3028	* 1.2612	* 0.6202
	* 1.7508	* 1.5373	* 1.5666	* 1.5951	* 1.6169	* 1.5611	* 1.6523	* 3.0443
12	* 1.4321	* 1.1773	* 1.3685	* 1.2151	* 0.9646	* 1.0533	* 0.7849	
	* 1.4744	* 1.7599	* 1.5480	* 1.6189	* 1.7039	* 1.6323	* 2.2545	
13	* 1.1449	* 1.2441	* 1.1954	* 1.3015	* 1.0506	* 0.5867	* 0.4699	
	* 1.8140	* 1.6553	* 1.7135	* 1.5648	* 1.6412	* 2.7476	* 3.4156	
14	* 1.3662	* 1.3770	* 1.3508	* 1.2603	* 0.7830	* 0.4496		
	* 1.5400	* 1.5258	* 1.5480	* 1.6537	* 2.2636	* 3.5536		
15	* 0.7730	* 0.7672	* 0.7349	* 0.6200	* F-SUB-Q			
	* 2.4644	* 2.4607	* 2.5426	* 3.0439	* M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9296	* 1.2528	* 1.5965	* 1.3089	* 1.6269	* 1.2614	* 1.5583	* 0.8394
	* 1.9506	* 1.7098	* 1.3600	* 1.6246	* 1.3289	* 1.6841	* 1.3752	* 2.3127
9	* 1.2528	* 1.4981	* 1.2849	* 1.5590	* 1.2992	* 1.3758	* 1.5691	* 0.8283
	* 1.7098	* 1.4562	* 1.6655	* 1.3904	* 1.6333	* 1.5311	* 1.3657	* 2.3207
10	* 1.5965	* 1.2859	* 1.4403	* 1.4651	* 1.5519	* 1.3226	* 1.5442	* 0.7940
	* 1.3600	* 1.6647	* 1.4879	* 1.4472	* 1.3986	* 1.5827	* 1.3848	* 2.4057
11	* 1.3089	* 1.5595	* 1.4651	* 1.4997	* 1.3508	* 1.4916	* 1.4469	* 0.6756
	* 1.6246	* 1.3899	* 1.4473	* 1.4314	* 1.4870	* 1.3965	* 1.4715	* 2.8612
12	* 1.6269	* 1.2993	* 1.5518	* 1.3502	* 1.0621	* 1.2074	* 0.8585	
	* 1.3289	* 1.6335	* 1.3987	* 1.4890	* 1.5744	* 1.4741	* 2.1165	
13	* 1.2614	* 1.3750	* 1.3224	* 1.4900	* 1.2040	* 0.6767	* 0.5121	
	* 1.6841	* 1.5320	* 1.5832	* 1.3999	* 1.4820	* 2.4586	* 3.2318	
14	* 1.5583	* 1.5694	* 1.5441	* 1.4455	* 0.8563	* 0.4872		
	* 1.3752	* 1.3654	* 1.3849	* 1.4730	* 2.1253	* 3.3819		
15	* 0.8394	* 0.8309	* 0.7947	* 0.6757	* F-SUB-Q			
	* 2.3127	* 2.3133	* 2.4034	* 2.8597	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9752	* 1.3127	* 1.6909	* 1.3637	* 1.7144	* 1.3076	* 1.6420	* 0.8743
	* 1.9385	* 1.6869	* 1.3239	* 1.6038	* 1.2961	* 1.6702	* 1.3404	* 2.2825
9	* 1.3127	* 1.5844	* 1.3416	* 1.6468	* 1.3526	* 1.4264	* 1.6521	* 0.8618
	* 1.6869	* 1.4237	* 1.6455	* 1.3561	* 1.6133	* 1.5176	* 1.3331	* 2.2946
10	* 1.6909	* 1.3429	* 1.4998	* 1.5316	* 1.6415	* 1.3767	* 1.6312	* 0.8260
	* 1.3239	* 1.6445	* 1.4754	* 1.4258	* 1.3610	* 1.5613	* 1.3453	* 2.3763
11	* 1.3637	* 1.6469	* 1.5316	* 1.5856	* 1.4183	* 1.5854	* 1.5388	* 0.7076
	* 1.6038	* 1.3555	* 1.4258	* 1.3853	* 1.4618	* 1.3566	* 1.4231	* 2.8047
12	* 1.7144	* 1.3528	* 1.6414	* 1.4176	* 1.1197	* 1.2934	* 0.9098	
	* 1.2961	* 1.6134	* 1.3611	* 1.4639	* 1.5559	* 1.4354	* 2.0693	
13	* 1.3076	* 1.4255	* 1.3764	* 1.5836	* 1.2895	* 0.7279	* 0.5419	
	* 1.6702	* 1.5186	* 1.5618	* 1.3601	* 1.4434	* 2.3864	* 3.1856	
14	* 1.6420	* 1.6525	* 1.6311	* 1.5374	* 0.9074	* 0.5164		
	* 1.3404	* 1.3328	* 1.3454	* 1.4245	* 2.0780	* 3.3274		
15	* 0.8743	* 0.8651	* 0.8268	* 0.7077	F-SUB-Q			
	* 2.2825	* 2.2859	* 2.3741	* 2.8029	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0106	* 1.3499	* 1.7406	* 1.3900	* 1.7547	* 1.3266	* 1.6767	* 0.8931
	* 1.9647	* 1.7052	* 1.3309	* 1.6262	* 1.3072	* 1.6963	* 1.3490	* 2.2972
9	* 1.3499	* 1.6348	* 1.3719	* 1.6965	* 1.3780	* 1.4477	* 1.6880	* 0.8800
	* 1.7052	* 1.4321	* 1.6654	* 1.3625	* 1.6371	* 1.5428	* 1.3414	* 2.3102
10	* 1.7406	* 1.3734	* 1.5306	* 1.5674	* 1.6882	* 1.4047	* 1.6730	* 0.8452
	* 1.3309	* 1.6642	* 1.4956	* 1.4427	* 1.3702	* 1.5861	* 1.3553	* 2.3946
11	* 1.3900	* 1.6967	* 1.5674	* 1.6463	* 1.4625	* 1.6431	* 1.5911	* 0.7285
	* 1.6262	* 1.3623	* 1.4426	* 1.3870	* 1.4780	* 1.3626	* 1.4340	* 2.8291
12	* 1.7547	* 1.3782	* 1.6882	* 1.4617	* 1.1665	* 1.3540	* 0.9512	
	* 1.3072	* 1.6370	* 1.3702	* 1.4802	* 1.5795	* 1.4460	* 2.0736	
13	* 1.3266	* 1.4468	* 1.4043	* 1.6410	* 1.3497	* 0.7686	* 0.5694	
	* 1.6963	* 1.5438	* 1.5865	* 1.3661	* 1.4548	* 2.4059	* 3.2151	
14	* 1.6767	* 1.6883	* 1.6729	* 1.5895	* 0.9485	* 0.5433		
	* 1.3490	* 1.3412	* 1.3553	* 1.4353	* 2.0823	* 3.3539		
15	* 0.8931	* 0.8828	* 0.8459	* 0.7286	F-SUB-Q			
	* 2.2972	* 2.3028	* 2.3921	* 2.8272	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0577	* 1.3925	* 1.7932	* 1.4154	* 1.7954	* 1.3410	* 1.7116	* 0.8982
	* 1.9956	* 1.7305	* 1.3546	* 1.6726	* 1.3337	* 1.7491	* 1.3722	* 2.3720
9	* 1.3925	* 1.6944	* 1.4006	* 1.7463	* 1.4025	* 1.4703	* 1.7271	* 0.8836
	* 1.7305	* 1.4569	* 1.7107	* 1.3847	* 1.6845	* 1.5887	* 1.3657	* 2.3900
10	* 1.7932	* 1.4022	* 1.5637	* 1.6040	* 1.7400	* 1.4406	* 1.7175	* 0.8492
	* 1.3546	* 1.7092	* 1.5356	* 1.4790	* 1.3974	* 1.6321	* 1.3809	* 2.4868
11	* 1.4154	* 1.7466	* 1.6041	* 1.7192	* 1.5197	* 1.7143	* 1.6509	* 0.7381
	* 1.6726	* 1.3845	* 1.4790	* 1.3913	* 1.5006	* 1.3707	* 1.4531	* 2.9355
12	* 1.7954	* 1.4027	* 1.7392	* 1.5187	* 1.2289	* 1.4356	* 0.9831	
	* 1.3337	* 1.6844	* 1.3974	* 1.5029	* 1.6119	* 1.4661	* 2.1242	
13	* 1.3410	* 1.4693	* 1.4396	* 1.7119	* 1.4306	* 0.8290	* 0.5956	
	* 1.7491	* 1.5897	* 1.6324	* 1.3741	* 1.4745	* 2.4373	* 3.3109	
14	* 1.7116	* 1.7273	* 1.7174	* 1.6490	* 0.9803	* 0.5666		
	* 1.3722	* 1.3653	* 1.3808	* 1.4559	* 2.1328	* 3.4651		
15	* 0.8982	* 0.8867	* 0.8500	* 0.7382	* F-SUB-Q			
	* 2.3720	* 2.3815	* 2.4840	* 2.9329	* M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1593	* 1.4342	* 1.8284	* 1.4324	* 1.8173	* 1.3462	* 1.7272	* 0.9011
	* 2.0615	* 1.7852	* 1.4099	* 1.7517	* 1.3905	* 1.8354	* 1.4279	* 2.4828
9	* 1.4342	* 1.7431	* 1.4210	* 1.7767	* 1.4188	* 1.4824	* 1.7478	* 0.8853
	* 1.7852	* 1.5070	* 1.7902	* 1.4400	* 1.7648	* 1.6660	* 1.4216	* 2.5055
10	* 1.8284	* 1.4226	* 1.5866	* 1.6297	* 1.7847	* 1.4713	* 1.7448	* 0.8535
	* 1.4099	* 1.7885	* 1.6071	* 1.5456	* 1.4510	* 1.7044	* 1.4380	* 2.6100
11	* 1.4324	* 1.7770	* 1.6297	* 1.7835	* 1.5792	* 1.7782	* 1.6980	* 0.7476
	* 1.7517	* 1.4397	* 1.5455	* 1.4227	* 1.5399	* 1.4035	* 1.4894	* 3.0801
12	* 1.8173	* 1.4191	* 1.7837	* 1.5779	* 1.3522	* 1.5462	* 1.0222	
	* 1.3905	* 1.7646	* 1.4521	* 1.5423	* 1.6563	* 1.4998	* 2.1828	
13	* 1.3462	* 1.4813	* 1.4701	* 1.7753	* 1.5390	* 0.9073	* 0.6287	
	* 1.8354	* 1.6671	* 1.7072	* 1.4070	* 1.5083	* 2.4964	* 3.4071	
14	* 1.7272	* 1.7480	* 1.7445	* 1.6958	* 1.0190	* 0.5973		
	* 1.4279	* 1.4212	* 1.4378	* 1.4923	* 2.1917	* 3.5699		
15	* 0.9011	* 0.8888	* 0.8543	* 0.7476	* F-SUB-Q			
	* 2.4828	* 2.4951	* 2.6068	* 3.0771	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2551	* 1.4734	* 1.8640	* 1.4478	* 1.8400	* 1.3510	* 1.7439	* 0.9006
	* 2.1589	* 1.8493	* 1.4808	* 1.8525	* 1.4619	* 1.9438	* 1.4988	* 2.6320
9	* 1.4734	* 1.7921	* 1.4400	* 1.8073	* 1.4333	* 1.4949	* 1.7696	* 0.8841
	* 1.8493	* 1.5504	* 1.8920	* 1.5113	* 1.8668	* 1.7619	* 1.4926	* 2.6628
10	* 1.8640	* 1.4417	* 1.6101	* 1.6545	* 1.8292	* 1.5007	* 1.7728	* 0.8544
	* 1.4808	* 1.8901	* 1.6966	* 1.6305	* 1.4975	* 1.7701	* 1.5105	* 2.7741
11	* 1.4478	* 1.8077	* 1.6544	* 1.8475	* 1.6364	* 1.8439	* 1.7451	* 0.7536
	* 1.8525	* 1.5109	* 1.6303	* 1.4719	* 1.6025	* 1.4544	* 1.5388	* 3.2668
12	* 1.8400	* 1.4335	* 1.8280	* 1.6349	* 1.4696	* 1.6717	* 1.0547	
	* 1.4619	* 1.8664	* 1.4988	* 1.6050	* 1.7293	* 1.5572	* 2.2844	
13	* 1.3510	* 1.4937	* 1.4993	* 1.8402	* 1.6633	* 0.9837	* 0.6581	
	* 1.9438	* 1.7630	* 1.7724	* 1.4580	* 1.5659	* 2.5913	* 3.5681	
14	* 1.7439	* 1.7697	* 1.7724	* 1.7425	* 1.0511	* 0.6228		
	* 1.4988	* 1.4921	* 1.5101	* 1.5414	* 2.2938	* 3.7524		
15	* 0.9006	* 0.8872	* 0.8551	* 0.7536	F-SUB-Q			
	* 2.6320	* 2.6528	* 2.7704	* 3.2659	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2858	* 1.4846	* 1.8570	* 1.4450	* 1.8238	* 1.3405	* 1.7232	* 0.9054
	* 2.2795	* 1.9543	* 1.5924	* 1.9994	* 1.5820	* 2.0980	* 1.6203	* 2.7955
9	* 1.4846	* 1.7953	* 1.4396	* 1.7994	* 1.4302	* 1.4852	* 1.7533	* 0.8892
	* 1.9543	* 1.6451	* 2.0281	* 1.6317	* 2.0139	* 1.9043	* 1.6133	* 2.8231
10	* 1.8570	* 1.4413	* 1.6067	* 1.6527	* 1.8327	* 1.5044	* 1.7616	* 0.8628
	* 1.5924	* 2.0264	* 1.8107	* 1.7322	* 1.5853	* 1.8734	* 1.6257	* 2.9432
11	* 1.4450	* 1.7998	* 1.6526	* 1.8634	* 1.6545	* 1.8596	* 1.7496	* 0.7658
	* 1.9994	* 1.6311	* 1.7324	* 1.5548	* 1.6994	* 1.5406	* 1.6288	* 3.4031
12	* 1.8238	* 1.4304	* 1.8315	* 1.6528	* 1.5137	* 1.7179	* 1.0943	
	* 1.5820	* 2.0135	* 1.5867	* 1.7020	* 1.8434	* 1.6570	* 2.3659	
13	* 1.3405	* 1.4840	* 1.5028	* 1.8556	* 1.7080	* 1.0143	* 0.6852	
	* 2.0980	* 1.9053	* 1.8761	* 1.5442	* 1.6670	* 2.7710	* 3.7392	
14	* 1.7232	* 1.7535	* 1.7612	* 1.7468	* 1.0903	* 0.6522		
	* 1.6203	* 1.6127	* 1.6272	* 1.6316	* 2.3755	* 3.9098		
15	* 0.9054	* 0.8922	* 0.8635	* 0.7656	F-SUB-Q			
	* 2.7955	* 2.8129	* 2.9391	* 3.4031	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3100	* 1.5070	* 1.8955	* 1.4581	* 1.8537	* 1.3459	* 1.7499	* 0.8981
	* 2.3989	* 2.0566	* 1.6628	* 2.1249	* 1.6763	* 2.2467	* 1.7125	* 3.0222
9	* 1.5070	* 1.8376	* 1.4542	* 1.8343	* 1.4422	* 1.4982	* 1.7829	* 0.8812
	* 2.0566	* 1.7155	* 2.1393	* 1.7088	* 2.1289	* 2.0205	* 1.7055	* 3.0643
10	* 1.8955	* 1.4560	* 1.6286	* 1.6751	* 1.8751	* 1.5257	* 1.7994	* 0.8540
	* 1.6628	* 2.1371	* 1.9033	* 1.8198	* 1.6510	* 1.9693	* 1.6937	* 3.1955
11	* 1.4581	* 1.8348	* 1.6751	* 1.9138	* 1.6933	* 1.9100	* 1.7938	* 0.7618
	* 2.1249	* 1.7083	* 1.8200	* 1.6164	* 1.7766	* 1.6025	* 1.6941	* 3.6404
12	* 1.8537	* 1.4424	* 1.8738	* 1.6911	* 1.5520	* 1.7699	* 1.0946	
	* 1.6763	* 2.1292	* 1.6525	* 1.7794	* 1.9290	* 1.7241	* 2.5289	
13	* 1.3459	* 1.4969	* 1.5241	* 1.9057	* 1.7603	* 1.0502	* 0.6912	
	* 2.2467	* 2.0222	* 1.9721	* 1.6063	* 1.7339	* 2.8804	* 3.9731	
14	* 1.7499	* 1.7831	* 1.7979	* 1.7908	* 1.0905	* 0.6538		
	* 1.7125	* 1.7047	* 1.6952	* 1.6971	* 2.5390	* 4.1804		
15	* 0.8981	* 0.8837	* 0.8547	* 0.7617	* F-SUB-Q			
	* 3.0222	* 3.0504	* 3.1908	* 3.6396	* M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3139	* 1.5112	* 1.9028	* 1.4583	* 1.8558	* 1.3408	* 1.7497	* 0.8956
	* 2.4613	* 2.1052	* 1.7059	* 2.1828	* 1.7486	* 2.3840	* 1.8419	* 3.2558
9	* 1.5112	* 1.8467	* 1.4563	* 1.8396	* 1.4413	* 1.4952	* 1.7848	* 0.8785
	* 2.1052	* 1.7600	* 2.1928	* 1.7666	* 2.2110	* 2.1245	* 1.8232	* 3.3012
10	* 1.9028	* 1.4577	* 1.6305	* 1.6774	* 1.8857	* 1.5279	* 1.8071	* 0.8521
	* 1.7059	* 2.1914	* 1.9592	* 1.8926	* 1.7302	* 2.0809	* 1.8025	* 3.4250
11	* 1.4583	* 1.8401	* 1.6773	* 1.9272	* 1.7038	* 1.9237	* 1.8052	* 0.7625
	* 2.1828	* 1.7661	* 1.8927	* 1.6949	* 1.8780	* 1.6990	* 1.8014	* 3.8827
12	* 1.8558	* 1.4415	* 1.8844	* 1.7015	* 1.5607	* 1.7867	* 1.1021	
	* 1.7486	* 2.2109	* 1.7313	* 1.8809	* 2.0531	* 1.8316	* 2.6905	
13	* 1.3408	* 1.4939	* 1.5262	* 1.9192	* 1.7768	* 1.0619	* 0.6970	
	* 2.3840	* 2.1262	* 2.0834	* 1.7028	* 1.8421	* 3.0585	* 4.2258	
14	* 1.7497	* 1.7849	* 1.8056	* 1.8022	* 1.0979	* 0.6592		
	* 1.8419	* 1.8230	* 1.8041	* 1.8044	* 2.7012	* 4.4465		
15	* 0.8956	* 0.8808	* 0.8528	* 0.7624	* F-SUB-Q			
	* 3.2558	* 3.2852	* 3.4218	* 3.8814	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3046	1.5016	1.8838	1.4473	1.8346	1.3270	1.7276	0.8962
	2.4459	2.0897	1.6989	2.1670	1.7430	2.3694	1.8491	3.2407
9	1.5016	1.8296	1.4464	1.8217	1.4294	1.4790	1.7644	0.8784
	2.0897	1.7530	2.1767	1.7596	2.1982	2.1179	1.8184	3.2781
10	1.8838	1.4478	1.6157	1.6629	1.8708	1.5150	1.7901	0.8548
	1.6989	2.1753	1.9501	1.8842	1.7244	2.0742	1.8001	3.3694
11	1.4473	1.8223	1.6629	1.9130	1.6935	1.9086	1.7908	0.7666
	2.1670	1.7590	1.8843	1.6894	1.8712	1.6953	1.8037	3.8266
12	1.8346	1.4296	1.8695	1.6914	1.5496	1.7778	1.1166	
	1.7430	2.1981	1.7255	1.8735	2.0494	1.8286	2.6411	
13	1.3270	1.4778	1.5133	1.9041	1.7667	1.0548	0.7026	
	2.3694	2.1196	2.0768	1.6991	1.8397	3.0785	4.2008	
14	1.7276	1.7645	1.7886	1.7878	1.1122	0.6669		
	1.8491	1.8181	1.8014	1.8065	2.6516	4.4029		
15	0.8962	0.8815	0.8555	0.7663	F-SUB-Q			
	3.2407	3.2663	3.3661	3.8258	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3082	1.5082	1.9070	1.4507	1.8536	1.3265	1.7473	0.8861
	2.3790	2.0280	1.6376	2.1025	1.6805	2.2988	1.7739	3.1627
9	1.5082	1.8529	1.4506	1.8427	1.4316	1.4823	1.7848	0.8684
	2.0280	1.6916	2.1129	1.6986	2.1392	2.0586	1.7543	3.2139
10	1.9070	1.4521	1.6242	1.6716	1.8911	1.5210	1.8142	0.8421
	1.6376	2.1115	1.8918	1.8337	1.6732	2.0265	1.7423	3.3130
11	1.4507	1.8434	1.6715	1.9377	1.7057	1.9341	1.8161	0.7566
	2.1025	1.6979	1.8336	1.6426	1.8330	1.6495	1.7497	3.7584
12	1.8536	1.4319	1.8898	1.7033	1.5578	1.7980	1.1009	
	1.6805	2.1389	1.6744	1.8358	2.0125	1.7842	2.6198	
13	1.3265	1.4810	1.5193	1.9295	1.7875	1.0673	0.6944	
	2.2988	2.0600	2.0287	1.6529	1.7935	2.9605	4.0955	
14	1.7473	1.7850	1.8127	1.8130	1.0967	0.6551		
	1.7739	1.7539	1.7433	1.7521	2.6294	4.3179		
15	0.8861	0.8705	0.8429	0.7565	F-SUB-Q			
	3.1627	3.1994	3.3093	3.7559	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3032	1.5053	1.9093	1.4460	1.8537	1.3193	1.7484	0.8799
	2.1796	1.8620	1.5051	1.9380	1.5477	2.1203	1.6329	2.9159
9	1.5053	1.8556	1.4464	1.8435	1.4258	1.4755	1.7865	0.8622
	1.8620	1.5506	1.9438	1.5629	1.9718	1.8972	1.6123	2.9618
10	1.9093	1.4480	1.6200	1.6675	1.8932	1.5166	1.8185	0.8351
	1.5051	1.9424	1.7415	1.6898	1.5360	1.8602	1.5944	3.0538
11	1.4460	1.8443	1.6675	1.9408	1.7040	1.9383	1.8215	0.7511
	1.9380	1.5622	1.6897	1.5058	1.6783	1.5078	1.5957	3.4560
12	1.8537	1.4261	1.8915	1.7015	1.5535	1.8011	1.0952	
	1.5477	1.9715	1.5370	1.6808	1.8435	1.6254	2.4015	
13	1.3193	1.4742	1.5148	1.9336	1.7905	1.0682	0.6894	
	2.1203	1.8986	1.8621	1.5109	1.6339	2.6985	3.7645	
14	1.7484	1.7867	1.8169	1.8184	1.0910	0.6485		
	1.6329	1.6119	1.5953	1.5978	2.4103	3.9799		
15	0.8799	0.8643	0.8359	0.7511	F-SUB-Q			
	2.9159	2.9498	3.0503	3.4535	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2944	1.4966	1.9000	1.4365	1.8442	1.3094	1.7398	0.8762
	2.0214	1.7255	1.3926	1.7952	1.4276	1.9627	1.5075	2.6927
9	1.4966	1.8472	1.4373	1.8340	1.4154	1.4646	1.7787	0.8574
	1.7255	1.4351	1.8028	1.4474	1.8303	1.7600	1.4881	2.7369
10	1.9000	1.4389	1.6101	1.6566	1.8843	1.5062	1.8118	0.8313
	1.3926	1.8014	1.6153	1.5676	1.4208	1.7243	1.4722	2.8221
11	1.4365	1.8348	1.6566	1.9324	1.6948	1.9307	1.8155	0.7485
	1.7952	1.4468	1.5675	1.3918	1.5518	1.3915	1.4716	3.1943
12	1.8442	1.4157	1.8826	1.6923	1.5426	1.7939	1.0933	
	1.4276	1.8299	1.4218	1.5542	1.7066	1.4993	2.2114	
13	1.3094	1.4633	1.5042	1.9260	1.7831	1.0614	0.6863	
	1.9627	1.7612	1.7262	1.3944	1.5074	2.4929	3.4754	
14	1.7398	1.7789	1.8102	1.8124	1.0890	0.6468		
	1.5075	1.4876	1.4730	1.4736	2.2196	3.6678		
15	0.8762	0.8595	0.8321	0.7484	F-SUB-Q			
	2.6927	2.7252	2.8184	3.1924	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2787	* 1.4802	* 1.8732	* 1.4204	* 1.8187	* 1.2944	* 1.7159	* 0.8751
	* 2.0478	* 1.7455	* 1.4099	* 1.8134	* 1.4470	* 1.9871	* 1.5288	* 2.6998
9	* 1.4802	* 1.8211	* 1.4214	* 1.8067	* 1.3986	* 1.4487	* 1.7557	* 0.8551
	* 1.7455	* 1.4562	* 1.8212	* 1.4672	* 1.8499	* 1.7806	* 1.5050	* 2.7385
10	* 1.8732	* 1.4230	* 1.5900	* 1.6357	* 1.8580	* 1.4895	* 1.7892	* 0.8318
	* 1.4099	* 1.8198	* 1.6347	* 1.5884	* 1.4445	* 1.7489	* 1.4922	* 2.8173
11	* 1.4204	* 1.8075	* 1.6357	* 1.9051	* 1.6751	* 1.9065	* 1.7938	* 0.7492
	* 1.8134	* 1.4664	* 1.5883	* 1.4148	* 1.5723	* 1.4110	* 1.4912	* 3.1970
12	* 1.8187	* 1.3989	* 1.8566	* 1.6728	* 1.5307	* 1.7732	* 1.0993	
	* 1.4470	* 1.8495	* 1.4455	* 1.5743	* 1.7164	* 1.5178	* 2.2025	
13	* 1.2944	* 1.4476	* 1.4874	* 1.9017	* 1.7618	* 1.0462	* 0.6859	
	* 1.9871	* 1.7819	* 1.7508	* 1.4141	* 1.5267	* 2.5301	* 3.4846	
14	* 1.7159	* 1.7559	* 1.7876	* 1.7907	* 1.0948	* 0.6490		
	* 1.5288	* 1.5045	* 1.4930	* 1.4933	* 2.2112	* 3.6628		
15	* 0.8751	* 0.8583	* 0.8326	* 0.7490	F-SUB-Q			
	* 2.6998	* 2.7282	* 2.8138	* 3.1953	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2749	* 1.4779	* 1.8865	* 1.4157	* 1.8315	* 1.2903	* 1.7321	* 0.8612
	* 1.9072	* 1.6286	* 1.3061	* 1.6995	* 1.3425	* 1.8642	* 1.4153	* 2.5665
9	* 1.4779	* 1.8344	* 1.4172	* 1.8168	* 1.3932	* 1.4446	* 1.7724	* 0.8424
	* 1.6286	* 1.3465	* 1.7038	* 1.3621	* 1.7340	* 1.6638	* 1.3913	* 2.6048
10	* 1.8865	* 1.4189	* 1.5915	* 1.6356	* 1.8689	* 1.4877	* 1.8075	* 0.8154
	* 1.3061	* 1.7024	* 1.5240	* 1.4815	* 1.3372	* 1.6300	* 1.3746	* 2.6841
11	* 1.4157	* 1.8177	* 1.6356	* 1.9174	* 1.6776	* 1.9232	* 1.8121	* 0.7344
	* 1.6995	* 1.3614	* 1.4814	* 1.3106	* 1.4650	* 1.3038	* 1.3746	* 3.0379
12	* 1.8315	* 1.3936	* 1.8672	* 1.6749	* 1.5235	* 1.7837	* 1.0746	
	* 1.3425	* 1.7336	* 1.3382	* 1.4674	* 1.6100	* 1.4077	* 2.1044	
13	* 1.2903	* 1.4433	* 1.4856	* 1.9183	* 1.7726	* 1.0506	* 0.6710	
	* 1.8642	* 1.6651	* 1.6318	* 1.3066	* 1.4157	* 2.3521	* 3.3304	
14	* 1.7321	* 1.7727	* 1.8060	* 1.8089	* 1.0703	* 0.6301		
	* 1.4153	* 1.3909	* 1.3753	* 1.3764	* 2.1125	* 3.5272		
15	* 0.8612	* 0.8446	* 0.8161	* 0.7344	F-SUB-Q			
	* 2.5665	* 2.5975	* 2.6809	* 3.0355	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2566	1.4576	1.8626	1.3948	1.8093	1.2734	1.7147	0.8496
	1.8193	1.5562	1.2473	1.6278	1.2819	1.7837	1.3487	2.4578
9	1.4576	1.8112	1.3969	1.7910	1.3723	1.4265	1.7561	0.8311
	1.5562	1.2845	1.6301	1.3028	1.6606	1.5896	1.3236	2.4933
10	1.8626	1.3986	1.5720	1.6139	1.8439	1.4688	1.7910	0.8041
	1.2473	1.6287	1.4551	1.4151	1.2757	1.5537	1.3050	2.5686
11	1.3948	1.7919	1.6139	1.8917	1.6574	1.9035	1.7955	0.7239
	1.6278	1.3021	1.4151	1.2487	1.3919	1.2369	1.3031	2.9040
12	1.8093	1.3728	1.8424	1.6547	1.5039	1.7639	1.0594	
	1.2819	1.6603	1.2768	1.3942	1.5278	1.3349	2.0040	
13	1.2734	1.4251	1.4667	1.8985	1.7525	1.0344	0.6591	
	1.7837	1.5909	1.5557	1.2397	1.3428	2.2409	3.1845	
14	1.7147	1.7563	1.7893	1.7922	1.0550	0.6186		
	1.3487	1.3232	1.3058	1.3051	2.0120	3.3748		
15	0.8496	0.8332	0.8048	0.7238	F-SUB-Q			
	2.4578	2.4865	2.5656	2.9021	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2181	1.4118	1.7881	1.3507	1.7393	1.2379	1.6507	0.8367
	1.7870	1.5297	1.2362	1.6014	1.2696	1.7493	1.3341	2.3806
9	1.4118	1.7386	1.3536	1.7168	1.3293	1.3875	1.6922	0.8168
	1.5297	1.2730	1.6021	1.2935	1.6331	1.5593	1.3068	2.4166
10	1.7881	1.3552	1.5237	1.5621	1.7737	1.4254	1.7245	0.7943
	1.2362	1.6007	1.4297	1.3914	1.2616	1.5223	1.2877	2.4784
11	1.3507	1.7176	1.5622	1.8148	1.6056	1.8337	1.7281	0.7146
	1.6014	1.2928	1.3913	1.2363	1.3644	1.2188	1.2855	2.8015
12	1.7393	1.3297	1.7723	1.6029	1.4662	1.7014	1.0498	
	1.2696	1.6327	1.2625	1.3665	1.4865	1.3131	1.9209	
13	1.2379	1.3863	1.4232	1.8286	1.6891	0.9888	0.6476	
	1.7493	1.5604	1.5245	1.2217	1.3220	2.2247	3.0804	
14	1.6507	1.6924	1.7227	1.7246	1.0451	0.6128		
	1.3341	1.3065	1.2887	1.2877	1.9292	3.2383		
15	0.8367	0.8201	0.7951	0.7143	F-SUB-Q			
	2.3806	2.4071	2.4756	2.8009	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1775	* 1.3609	* 1.7232	* 1.2995	* 1.6789	* 1.1967	* 1.5960	* 0.7967
	* 1.7771	* 1.5243	* 1.2313	* 1.5994	* 1.2630	* 1.7401	* 1.3255	* 2.4062
9	* 1.3609	* 1.6749	* 1.3042	* 1.6477	* 1.2794	* 1.3427	* 1.6374	* 0.7801
	* 1.5243	* 1.2686	* 1.5977	* 1.2940	* 1.6300	* 1.5460	* 1.2966	* 2.4372
10	* 1.7232	* 1.3059	* 1.4792	* 1.5114	* 1.7088	* 1.3767	* 1.6663	* 0.7549
	* 1.2313	* 1.5961	* 1.4148	* 1.3806	* 1.2564	* 1.5121	* 1.2782	* 2.5087
11	* 1.2995	* 1.6485	* 1.5114	* 1.7444	* 1.5550	* 1.7711	* 1.6682	* 0.6765
	* 1.5994	* 1.2934	* 1.3806	* 1.2333	* 1.3510	* 1.2093	* 1.2768	* 2.8453
12	* 1.6789	* 1.2798	* 1.7075	* 1.5524	* 1.4096	* 1.6400	* 0.9886	*
	* 1.2630	* 1.6297	* 1.2573	* 1.3534	* 1.4833	* 1.3060	* 1.9576	*
13	* 1.1967	* 1.3414	* 1.3747	* 1.7660	* 1.6287	* 0.9452	* 0.6117	*
	* 1.7401	* 1.5473	* 1.5142	* 1.2125	* 1.3146	* 2.2335	* 3.1341	*
14	* 1.5960	* 1.6376	* 1.6645	* 1.6647	* 0.9842	* 0.5738	*	*
	* 1.3255	* 1.2963	* 1.2793	* 1.2792	* 1.9660	* 3.3236	*	*
15	* 0.7967	* 0.7821	* 0.7556	* 0.6763	* F-SUB-Q			
	* 2.4062	* 2.4307	* 2.5060	* 2.8445	* M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0829	* 1.2499	* 1.5541	* 1.1933	* 1.5165	* 1.1015	* 1.4391	* 0.7321
	* 1.8731	* 1.6074	* 1.3209	* 1.6869	* 1.3531	* 1.8323	* 1.4239	* 2.5421
9	* 1.2499	* 1.5126	* 1.1981	* 1.4840	* 1.1760	* 1.2366	* 1.4769	* 0.7175
	* 1.6074	* 1.3595	* 1.6844	* 1.3901	* 1.7172	* 1.6261	* 1.3915	* 2.5726
10	* 1.5541	* 1.1996	* 1.3634	* 1.3914	* 1.5461	* 1.2660	* 1.4994	* 0.6932
	* 1.3209	* 1.6828	* 1.4862	* 1.4510	* 1.3429	* 1.5916	* 1.3736	* 2.6514
11	* 1.1933	* 1.4847	* 1.3914	* 1.5744	* 1.4286	* 1.5980	* 1.4995	* 0.6176
	* 1.6869	* 1.3894	* 1.4509	* 1.3207	* 1.4222	* 1.2952	* 1.3742	* 3.0247
12	* 1.5165	* 1.1763	* 1.5449	* 1.4262	* 1.3000	* 1.4821	* 0.9031	*
	* 1.3531	* 1.7170	* 1.3439	* 1.4247	* 1.5573	* 1.3979	* 2.0756	*
13	* 1.1015	* 1.2354	* 1.2641	* 1.5935	* 1.4717	* 0.8442	* 0.5605	*
	* 1.8323	* 1.6274	* 1.5940	* 1.2986	* 1.4074	* 2.4232	* 3.3188	*
14	* 1.4391	* 1.4771	* 1.4977	* 1.4963	* 0.8991	* 0.5232	*	*
	* 1.4239	* 1.3913	* 1.3749	* 1.3769	* 2.0847	* 3.5371	*	*
15	* 0.7321	* 0.7193	* 0.6938	* 0.6172	* F-SUB-Q			
	* 2.5421	* 2.5658	* 2.6486	* 3.0252	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 250 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8785	* 1.0161	* 1.2725	* 0.9717	* 1.2345	* 0.8923	* 1.1677	* 0.6009
	* 2.2519	* 1.9264	* 1.5706	* 2.0186	* 1.6195	* 2.2077	* 1.7126	* 3.0280
9	* 1.0161	* 1.2423	* 0.9737	* 1.2394	* 0.9598	* 1.0028	* 1.1894	* 0.5826
	* 1.9264	* 1.6118	* 2.0197	* 1.6204	* 2.0502	* 1.9556	* 1.6853	* 3.0968
10	* 1.2725	* 0.9747	* 1.1196	* 1.1339	* 1.2781	* 1.0285	* 1.2030	* 0.5643
	* 1.5706	* 2.0182	* 1.7634	* 1.7340	* 1.5784	* 1.9085	* 1.6698	* 3.1844
11	* 0.9717	* 1.2399	* 1.1339	* 1.3086	* 1.1597	* 1.2875	* 1.1923	* 0.4963
	* 2.0186	* 1.6197	* 1.7340	* 1.5455	* 1.7048	* 1.5646	* 1.6854	* 3.6801
12	* 1.2345	* 0.9599	* 1.2770	* 1.1580	* 1.0591	* 1.1718	* 0.7305	
	* 1.6195	* 2.0501	* 1.5796	* 1.7076	* 1.8622	* 1.7216	* 2.5043	
13	* 0.8923	* 1.0019	* 1.0272	* 1.2842	* 1.1636	* 0.6540	* 0.4575	
	* 2.2077	* 1.9572	* 1.9110	* 1.5682	* 1.7333	* 3.0551	* 3.9766	
14	* 1.1677	* 1.1895	* 1.2018	* 1.1899	* 0.7273	* 0.4241		
	* 1.7126	* 1.6850	* 1.6712	* 1.6885	* 2.5152	* 4.2673		
15	* 0.6009	* 0.5846	* 0.5648	* 0.4952	F-SUB-Q			
	* 3.0280	* 3.0857	* 3.1813	* 3.6864	M-SUB-Q			

AT 75% POWER, 250 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3959	* 0.4342	* 0.5167	* 0.4373	* 0.4977	* 0.3988	* 0.4429	* 0.2532
	* 4.8898	* 4.4050	* 3.7803	* 4.3859	* 3.9284	* 4.8353	* 4.4152	* 7.0420
9	* 0.4342	* 0.5027	* 0.4374	* 0.5151	* 0.4338	* 0.4145	* 0.4500	* 0.2455
	* 4.4050	* 3.8879	* 4.3983	* 3.8091	* 4.4347	* 4.6219	* 4.3542	* 7.2022
10	* 0.5167	* 0.4379	* 0.4581	* 0.4696	* 0.5308	* 0.4380	* 0.4530	* 0.2396
	* 3.7803	* 4.3946	* 4.2077	* 4.0839	* 3.7105	* 4.3783	* 4.3296	* 7.3510
11	* 0.4373	* 0.5152	* 0.4696	* 0.5379	* 0.4762	* 0.5127	* 0.4458	* 0.2142
	* 4.3859	* 3.8084	* 4.0842	* 3.6657	* 4.0459	* 3.8386	* 4.4069	* 8.3598
12	* 0.4977	* 0.4338	* 0.5304	* 0.4757	* 0.4370	* 0.4651	* 0.3109	
	* 3.9284	* 4.4347	* 3.7134	* 4.0511	* 4.4030	* 4.2310	* 5.7600	
13	* 0.3988	* 0.4142	* 0.4374	* 0.5113	* 0.4622	* 0.3711	* 0.1902	
	* 4.8353	* 4.6251	* 4.3844	* 3.8482	* 4.2570	* 5.2946	* 9.3912	
14	* 0.4429	* 0.4500	* 0.4528	* 0.4448	* 0.3095	* 0.1821		
	* 4.4152	* 4.3537	* 4.3311	* 4.4161	* 5.7858	* 9.7594		
15	* 0.2532	* 0.2463	* 0.2398	* 0.2137	F-SUB-Q			
	* 7.0420	* 7.1796	* 7.3443	* 8.3765	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3788	* 0.4890	* 0.6007	* 0.5391	* 0.6069	* 0.5074	* 0.5425	* 0.3246
	* 4.2025	* 4.1178	* 3.5001	* 3.7264	* 3.4478	* 4.0002	* 3.9122	* 5.8814
9	* 0.4890	* 0.5723	* 0.5281	* 0.6111	* 0.5333	* 0.5164	* 0.5419	* 0.3165
	* 4.1178	* 3.7258	* 3.8526	* 3.4455	* 3.7624	* 3.8651	* 3.8987	* 5.9562
10	* 0.6007	* 0.5283	* 0.5525	* 0.5607	* 0.6017	* 0.5121	* 0.5298	* 0.3090
	* 3.5001	* 3.8524	* 3.7104	* 3.5818	* 3.4780	* 3.8634	* 3.9201	* 5.9185
11	* 0.5391	* 0.6110	* 0.5607	* 0.5940	* 0.5119	* 0.5376	* 0.4883	* 0.2597
	* 3.7264	* 3.4458	* 3.5819	* 3.5724	* 3.7878	* 3.7985	* 4.2205	* 7.1178
12	* 0.6069	* 0.5332	* 0.6017	* 0.5118	* 0.3896	* 0.4254	* 0.3219	
	* 3.4478	* 3.7632	* 3.4784	* 3.7915	* 3.9158	* 4.0332	* 5.4419	
13	* 0.5074	* 0.5162	* 0.5121	* 0.5373	* 0.4247	* 0.3321	* 0.1973	
	* 4.0002	* 3.8663	* 3.8646	* 3.8052	* 4.0480	* 4.6670	* 8.0643	
14	* 0.5425	* 0.5420	* 0.5298	* 0.4882	* 0.3213	* 0.1926		
	* 3.9122	* 3.8982	* 3.9200	* 4.2222	* 5.4595	* 8.1768		
15	* 0.3246	* 0.3173	* 0.3093	* 0.2596	F-SUB-Q			
	* 5.8814	* 5.9425	* 5.9150	* 7.1158	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7435	* 1.0148	* 1.2773	* 1.0660	* 1.2921	* 1.0134	* 1.2295	* 0.6996
	* 2.2815	* 2.0398	* 1.6901	* 1.9392	* 1.6668	* 2.0542	* 1.7767	* 2.8085
9	* 1.0148	* 1.2152	* 1.0472	* 1.2765	* 1.0573	* 1.1056	* 1.2298	* 0.6851
	* 2.0398	* 1.7874	* 1.9884	* 1.6942	* 1.9522	* 1.8586	* 1.7569	* 2.8086
10	* 1.2773	* 1.0477	* 1.1763	* 1.1923	* 1.2615	* 1.0676	* 1.2046	* 0.6590
	* 1.6901	* 1.9880	* 1.7932	* 1.7263	* 1.7070	* 1.9085	* 1.7721	* 2.8460
11	* 1.0660	* 1.2764	* 1.1924	* 1.2366	* 1.0955	* 1.1659	* 1.1170	* 0.5524
	* 1.9392	* 1.6944	* 1.7263	* 1.7442	* 1.7960	* 1.7804	* 1.8933	* 3.4450
12	* 1.2921	* 1.0572	* 1.2614	* 1.0953	* 0.8364	* 0.9464	* 0.6948	
	* 1.6668	* 1.9526	* 1.7072	* 1.7978	* 1.8768	* 1.8830	* 2.5705	
13	* 1.0134	* 1.1050	* 1.0676	* 1.1653	* 0.9446	* 0.5340	* 0.4386	
	* 2.0542	* 1.8593	* 1.9091	* 1.7835	* 1.8905	* 3.0604	* 3.6979	
14	* 1.2295	* 1.2300	* 1.2048	* 1.1166	* 0.6936	* 0.4212		
	* 1.7767	* 1.7565	* 1.7719	* 1.8943	* 2.5788	* 3.8137		
15	* 0.6996	* 0.6868	* 0.6597	* 0.5521	F-SUB-Q			
	* 2.8085	* 2.8012	* 2.8441	* 3.4441	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8990	* 1.2055	* 1.5247	* 1.2647	* 1.5407	* 1.2055	* 1.4686	* 0.8366
	* 1.9934	* 1.7503	* 1.4412	* 1.6655	* 1.4241	* 1.7545	* 1.4914	* 2.3558
9	* 1.2055	* 1.4222	* 1.2437	* 1.5002	* 1.2551	* 1.3107	* 1.4709	* 0.8269
	* 1.7503	* 1.5509	* 1.7018	* 1.4665	* 1.6756	* 1.5953	* 1.4868	* 2.3531
10	* 1.5247	* 1.2445	* 1.3743	* 1.4114	* 1.4847	* 1.2654	* 1.4447	* 0.7938
	* 1.4412	* 1.7012	* 1.5416	* 1.4821	* 1.4791	* 1.6408	* 1.5027	* 2.4003
11	* 1.2647	* 1.5002	* 1.4115	* 1.4322	* 1.2949	* 1.4014	* 1.3515	* 0.6759
	* 1.6655	* 1.4665	* 1.4820	* 1.5061	* 1.5371	* 1.5039	* 1.5940	* 2.8699
12	* 1.5407	* 1.2552	* 1.4848	* 1.2947	* 1.0209	* 1.1405	* 0.8532	
	* 1.4241	* 1.6757	* 1.4790	* 1.5388	* 1.6208	* 1.5811	* 2.1289	
13	* 1.2055	* 1.3101	* 1.2654	* 1.4005	* 1.1381	* 0.6607	* 0.5284	
	* 1.7545	* 1.5960	* 1.6412	* 1.5067	* 1.5882	* 2.5301	* 3.1310	
14	* 1.4686	* 1.4713	* 1.4450	* 1.3509	* 0.8516	* 0.5073		
	* 1.4914	* 1.4865	* 1.5025	* 1.5949	* 2.1362	* 3.2288		
15	* 0.8366	* 0.8293	* 0.7946	* 0.6759	F-SUB-Q			
	* 2.3558	* 2.3460	* 2.3986	* 2.8676	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9681	* 1.3058	* 1.6944	* 1.3661	* 1.7082	* 1.2969	* 1.6318	* 0.8890
	* 1.8961	* 1.6497	* 1.3224	* 1.5727	* 1.3094	* 1.6613	* 1.3619	* 2.2499
9	* 1.3058	* 1.5851	* 1.3451	* 1.6709	* 1.3549	* 1.4140	* 1.6344	* 0.8759
	* 1.6497	* 1.4188	* 1.6044	* 1.3420	* 1.5830	* 1.5060	* 1.3589	* 2.2527
10	* 1.6944	* 1.3462	* 1.4869	* 1.5313	* 1.6428	* 1.3677	* 1.6088	* 0.8387
	* 1.3224	* 1.6036	* 1.4499	* 1.3927	* 1.3610	* 1.5486	* 1.3744	* 2.3129
11	* 1.3661	* 1.6711	* 1.5315	* 1.5975	* 1.4082	* 1.5626	* 1.5098	* 0.7201
	* 1.5727	* 1.3419	* 1.3926	* 1.3751	* 1.4405	* 1.3740	* 1.4512	* 2.7446
12	* 1.7082	* 1.3551	* 1.6430	* 1.4079	* 1.1004	* 1.2771	* 0.9115	
	* 1.3094	* 1.5830	* 1.3612	* 1.4421	* 1.5277	* 1.4559	* 2.0345	
13	* 1.2969	* 1.4134	* 1.3678	* 1.5618	* 1.2743	* 0.7440	* 0.5629	
	* 1.6613	* 1.5066	* 1.5489	* 1.3765	* 1.4618	* 2.3071	* 3.0118	
14	* 1.6318	* 1.6349	* 1.6093	* 1.5092	* 0.9098	* 0.5361		
	* 1.3619	* 1.3586	* 1.3741	* 1.4520	* 2.0416	* 3.1313		
15	* 0.8890	* 0.8790	* 0.8396	* 0.7205	F-SUB-Q			
	* 2.2499	* 2.2452	* 2.3110	* 2.7413	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9935	* 1.3373	* 1.7507	* 1.3947	* 1.7584	* 1.3170	* 1.6782	* 0.9068
	* 1.9110	* 1.6532	* 1.3110	* 1.5757	* 1.2996	* 1.6726	* 1.3534	* 2.2557
9	* 1.3373	* 1.6410	* 1.3762	* 1.7339	* 1.3850	* 1.4364	* 1.6797	* 0.8947
	* 1.6532	* 1.4062	* 1.6072	* 1.3234	* 1.5836	* 1.5131	* 1.3520	* 2.2574
10	* 1.7507	* 1.3774	* 1.5172	* 1.5664	* 1.7044	* 1.3936	* 1.6569	* 0.8557
	* 1.3110	* 1.6063	* 1.4577	* 1.3928	* 1.3381	* 1.5508	* 1.3614	* 2.3173
11	* 1.3947	* 1.7341	* 1.5666	* 1.6599	* 1.4439	* 1.6162	* 1.5633	* 0.7378
	* 1.5757	* 1.3233	* 1.3927	* 1.3546	* 1.4393	* 1.3604	* 1.4325	* 2.7334
12	* 1.7584	* 1.3853	* 1.7043	* 1.4436	* 1.1325	* 1.3317	* 0.9425	
	* 1.2996	* 1.5835	* 1.3383	* 1.4410	* 1.5337	* 1.4425	* 2.0208	
13	* 1.3170	* 1.4359	* 1.3937	* 1.6154	* 1.3288	* 0.7791	* 0.5811	
	* 1.6726	* 1.5137	* 1.5510	* 1.3629	* 1.4484	* 2.2745	* 3.0109	
14	* 1.6782	* 1.6803	* 1.6574	* 1.5627	* 0.9407	* 0.5551		
	* 1.3534	* 1.3516	* 1.3611	* 1.4331	* 2.0278	* 3.1214		
15	* 0.9068	* 0.8978	* 0.8566	* 0.7382	* F-SUB-Q			
	* 2.2557	* 2.2493	* 2.3152	* 2.7296	* M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0042	* 1.3443	* 1.7627	* 1.3978	* 1.7635	* 1.3116	* 1.6787	* 0.9101
	* 1.9565	* 1.6921	* 1.3367	* 1.6161	* 1.3285	* 1.7190	* 1.3818	* 2.2967
9	* 1.3443	* 1.6557	* 1.3808	* 1.7492	* 1.3881	* 1.4318	* 1.6804	* 0.8970
	* 1.6921	* 1.4321	* 1.6446	* 1.3455	* 1.6230	* 1.5572	* 1.3800	* 2.3009
10	* 1.7627	* 1.3822	* 1.5189	* 1.5704	* 1.7229	* 1.3930	* 1.6621	* 0.8595
	* 1.3367	* 1.6435	* 1.4939	* 1.4270	* 1.3624	* 1.5959	* 1.3922	* 2.3626
11	* 1.3978	* 1.7495	* 1.5707	* 1.6807	* 1.4532	* 1.6312	* 1.5771	* 0.7442
	* 1.6161	* 1.3453	* 1.4268	* 1.3748	* 1.4733	* 1.3869	* 1.4667	* 2.7936
12	* 1.7635	* 1.3885	* 1.7228	* 1.4529	* 1.1484	* 1.3547	* 0.9635	
	* 1.3285	* 1.6227	* 1.3624	* 1.4747	* 1.5765	* 1.4734	* 2.0450	
13	* 1.3116	* 1.4313	* 1.3931	* 1.6304	* 1.3517	* 0.7974	* 0.5941	
	* 1.7190	* 1.5578	* 1.5961	* 1.3894	* 1.4796	* 2.3221	* 3.0745	
14	* 1.6787	* 1.6810	* 1.6626	* 1.5766	* 0.9618	* 0.5693		
	* 1.3818	* 1.3795	* 1.3917	* 1.4671	* 2.0519	* 3.1770		
15	* 0.9101	* 0.8997	* 0.8605	* 0.7446	* F-SUB-Q			
	* 2.2967	* 2.2937	* 2.3603	* 2.7894	* M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0127	* 1.3556	* 1.7805	* 1.4001	* 1.7722	* 1.3047	* 1.6841	* 0.8999
	* 2.0021	* 1.7310	* 1.3757	* 1.6768	* 1.3701	* 1.7888	* 1.4208	* 2.3963
9	* 1.3556	* 1.6796	* 1.3842	* 1.7679	* 1.3894	* 1.4297	* 1.6864	* 0.8868
	* 1.7310	* 1.4714	* 1.7058	* 1.3820	* 1.6849	* 1.6184	* 1.4202	* 2.4017
10	* 1.7805	* 1.3857	* 1.5245	* 1.5776	* 1.7480	* 1.3953	* 1.6740	* 0.8492
	* 1.3757	* 1.7044	* 1.5480	* 1.4778	* 1.4001	* 1.6591	* 1.4352	* 2.4781
11	* 1.4001	* 1.7683	* 1.5779	* 1.7120	* 1.4702	* 1.6578	* 1.6007	* 0.7407
	* 1.6768	* 1.3817	* 1.4776	* 1.3939	* 1.5103	* 1.4123	* 1.5030	* 2.9280
12	* 1.7722	* 1.3899	* 1.7479	* 1.4699	* 1.1616	* 1.3905	* 0.9695	
	* 1.3701	* 1.6845	* 1.4000	* 1.5117	* 1.6239	* 1.5088	* 2.1202	
13	* 1.3047	* 1.4292	* 1.3954	* 1.6570	* 1.3873	* 0.8267	* 0.6042	
	* 1.7888	* 1.6189	* 1.6591	* 1.4146	* 1.5150	* 2.3738	* 3.1918	
14	* 1.6841	* 1.6870	* 1.6746	* 1.6002	* 0.9676	* 0.5763		
	* 1.4208	* 1.4196	* 1.4346	* 1.5047	* 2.1272	* 3.3134		
15	* 0.8999	* 0.8894	* 0.8503	* 0.7412	* F-SUB-Q			
	* 2.3963	* 2.3940	* 2.4754	* 2.9229	* M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0502	* 1.3712	* 1.7883	* 1.3979	* 1.7690	* 1.2940	* 1.6771	* 0.8919
	* 2.0772	* 1.7953	* 1.4426	* 1.7655	* 1.4386	* 1.8878	* 1.4887	* 2.5230
9	* 1.3712	* 1.6984	* 1.3845	* 1.7738	* 1.3871	* 1.4231	* 1.6826	* 0.8778
	* 1.7953	* 1.5303	* 1.7959	* 1.4471	* 1.7749	* 1.7074	* 1.4889	* 2.5325
10	* 1.7883	* 1.3860	* 1.5261	* 1.5803	* 1.7644	* 1.4029	* 1.6759	* 0.8428
	* 1.4426	* 1.7944	* 1.6301	* 1.5549	* 1.4653	* 1.7347	* 1.5065	* 2.6175
11	* 1.3979	* 1.7742	* 1.5806	* 1.7421	* 1.4959	* 1.6864	* 1.6197	* 0.7404
	* 1.7655	* 1.4467	* 1.5546	* 1.4357	* 1.5592	* 1.4567	* 1.5513	* 3.0931
12	* 1.7690	* 1.3876	* 1.7642	* 1.4955	* 1.2111	* 1.4414	* 0.9897	
	* 1.4386	* 1.7745	* 1.4660	* 1.5607	* 1.6777	* 1.5530	* 2.1908	
13	* 1.2940	* 1.4226	* 1.4027	* 1.6853	* 1.4377	* 0.8739	* 0.6249	
	* 1.8878	* 1.7078	* 1.7363	* 1.4591	* 1.5593	* 2.4446	* 3.3008	
14	* 1.6771	* 1.6833	* 1.6765	* 1.6190	* 0.9876	* 0.5953		
	* 1.4887	* 1.4882	* 1.5057	* 1.5530	* 2.1980	* 3.4307		
15	* 0.8919	* 0.8810	* 0.8438	* 0.7409	* F-SUB-Q			
	* 2.5230	* 2.5226	* 2.6144	* 3.0873	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1417	* 1.3982	* 1.8042	* 1.3996	* 1.7727	* 1.2869	* 1.6766	* 0.8834
	* 2.1795	* 1.8687	* 1.5225	* 1.8728	* 1.5195	* 2.0059	* 1.5692	* 2.6837
9	* 1.3982	* 1.7286	* 1.3885	* 1.7860	* 1.3883	* 1.4221	* 1.6862	* 0.8661
	* 1.8687	* 1.5846	* 1.9058	* 1.5253	* 1.8841	* 1.8122	* 1.5702	* 2.7048
10	* 1.8042	* 1.3902	* 1.5345	* 1.5889	* 1.7900	* 1.4182	* 1.6855	* 0.8351
	* 1.5225	* 1.9040	* 1.7275	* 1.6476	* 1.5174	* 1.8106	* 1.5906	* 2.7959
11	* 1.3996	* 1.7865	* 1.5892	* 1.7873	* 1.5375	* 1.7310	* 1.6490	* 0.7400
	* 1.8728	* 1.5248	* 1.6471	* 1.4925	* 1.6289	* 1.5167	* 1.6129	* 3.2894
12	* 1.7727	* 1.3888	* 1.7898	* 1.5368	* 1.3184	* 1.5263	* 1.0138	
	* 1.5195	* 1.8835	* 1.5179	* 1.6304	* 1.7550	* 1.6181	* 2.3021	
13	* 1.2869	* 1.4215	* 1.4178	* 1.7296	* 1.5209	* 0.9479	* 0.6514	
	* 2.0059	* 1.8126	* 1.8119	* 1.5191	* 1.6245	* 2.5441	* 3.4650	
14	* 1.6766	* 1.6869	* 1.6860	* 1.6481	* 1.0115	* 0.6178		
	* 1.5692	* 1.5694	* 1.5896	* 1.6142	* 2.3095	* 3.6174		
15	* 0.8834	* 0.8698	* 0.8361	* 0.7405	F-SUB-Q			
	* 2.6837	* 2.6924	* 2.7923	* 3.2853	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2088	* 1.4091	* 1.7893	* 1.3904	* 1.7473	* 1.2704	* 1.6474	* 0.8856
	* 2.3042	* 1.9752	* 1.6343	* 2.0207	* 1.6451	* 2.1653	* 1.6971	* 2.8442
9	* 1.4091	* 1.7296	* 1.3820	* 1.7687	* 1.3786	* 1.4067	* 1.6617	* 0.8695
	* 1.9752	* 1.6780	* 2.0417	* 1.6478	* 2.0290	* 1.9596	* 1.6983	* 2.8632
10	* 1.7893	* 1.3835	* 1.5245	* 1.5801	* 1.7858	* 1.4200	* 1.6664	* 0.8409
	* 1.6343	* 2.0401	* 1.8408	* 1.7483	* 1.6074	* 1.9153	* 1.7066	* 2.9620
11	* 1.3904	* 1.7693	* 1.5803	* 1.8008	* 1.5582	* 1.7470	* 1.6488	* 0.7491
	* 2.0207	* 1.6472	* 1.7482	* 1.5807	* 1.7297	* 1.6109	* 1.7082	* 3.4272
12	* 1.7473	* 1.3790	* 1.7855	* 1.5574	* 1.4057	* 1.6006	* 1.0543	
	* 1.6451	* 2.0289	* 1.6079	* 1.7313	* 1.8728	* 1.7249	* 2.3899	
13	* 1.2704	* 1.4063	* 1.4195	* 1.7450	* 1.5946	* 0.9978	* 0.6833	
	* 2.1653	* 1.9600	* 1.9167	* 1.6132	* 1.7323	* 2.7194	* 3.6328	
14	* 1.6474	* 1.6624	* 1.6669	* 1.6477	* 1.0516	* 0.6529		
	* 1.6971	* 1.6974	* 1.7070	* 1.7098	* 2.3972	* 3.7638		
15	* 0.8856	* 0.8723	* 0.8419	* 0.7493	F-SUB-Q			
	* 2.8442	* 2.8530	* 2.9579	* 3.4237	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2433	1.4305	1.8182	1.3975	1.7669	1.2701	1.6640	0.8730
	2.4228	2.0782	1.7082	2.1400	1.7444	2.3185	1.7948	3.0804
9	1.4305	1.7691	1.3912	1.7950	1.3851	1.4132	1.6813	0.8554
	2.0782	1.7510	2.1543	1.7238	2.1411	2.0755	1.7970	3.1074
10	1.8182	1.3928	1.5404	1.5959	1.8220	1.4368	1.6945	0.8288
	1.7082	2.1524	1.9351	1.8375	1.6747	2.0157	1.7797	3.2176
11	1.3975	1.7956	1.5961	1.8474	1.5913	1.7950	1.6870	0.7437
	2.1400	1.7234	1.8374	1.6457	1.8109	1.6777	1.7786	3.6640
12	1.7669	1.3856	1.8214	1.5903	1.4559	1.6647	1.0588	
	1.7444	2.1409	1.6755	1.8126	1.9585	1.7955	2.5515	
13	1.2701	1.4126	1.4362	1.7927	1.6585	1.0455	0.6948	
	2.3185	2.0766	2.0171	1.6801	1.8027	2.8300	3.8580	
14	1.6640	1.6820	1.6943	1.6858	1.0560	0.6588		
	1.7948	1.7959	1.7801	1.7801	2.5593	4.0277		
15	0.8730	0.8595	0.8298	0.7441	F-SUB-Q			
	3.0804	3.0914	3.2130	3.6595	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2514	1.4348	1.8222	1.3956	1.7648	1.2630	1.6593	0.8688
	2.4730	2.1162	1.7427	2.1825	1.8005	2.4290	1.9178	3.3115
9	1.4348	1.7786	1.3905	1.7974	1.3825	1.4084	1.6790	0.8515
	2.1162	1.7867	2.1957	1.7693	2.2047	2.1565	1.8964	3.3397
10	1.8222	1.3921	1.5405	1.5962	1.8323	1.4390	1.6994	0.8258
	1.7427	2.1938	1.9788	1.8964	1.7386	2.1065	1.8743	3.3992
11	1.3956	1.7980	1.5964	1.8612	1.6031	1.8088	1.6971	0.7441
	2.1825	1.7687	1.8962	1.7126	1.8959	1.7616	1.8769	3.8688
12	1.7648	1.3830	1.8317	1.6020	1.4707	1.6874	1.0694	
	1.8005	2.2042	1.7392	1.8976	2.0707	1.8916	2.6920	
13	1.2630	1.4077	1.4384	1.8064	1.6810	1.0640	0.7045	
	2.4290	2.1575	2.1077	1.7639	1.8987	2.9908	4.0880	
14	1.6593	1.6797	1.6992	1.6959	1.0665	0.6682		
	1.9178	1.8956	1.8744	1.8782	2.6999	4.2656		
15	0.8688	0.8559	0.8268	0.7444	F-SUB-Q			
	3.3115	3.3218	3.3957	3.8634	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2446	* 1.4270	* 1.8053	* 1.3857	* 1.7443	* 1.2499	* 1.6373	* 0.8712
	* 2.4696	* 2.1109	* 1.7432	* 2.1765	* 1.8030	* 2.4266	* 1.9213	* 3.2631
9	* 1.4270	* 1.7666	* 1.3812	* 1.7812	* 1.3748	* 1.4001	* 1.6588	* 0.8535
	* 2.1109	* 1.7854	* 2.1898	* 1.7695	* 2.2004	* 2.1517	* 1.9017	* 3.2903
10	* 1.8053	* 1.3829	* 1.5270	* 1.5833	* 1.8169	* 1.4294	* 1.6833	* 0.8292
	* 1.7432	* 2.1879	* 1.9792	* 1.8970	* 1.7435	* 2.1084	* 1.8804	* 3.3529
11	* 1.3857	* 1.7819	* 1.5836	* 1.8503	* 1.5974	* 1.7964	* 1.6845	* 0.7484
	* 2.1765	* 1.7689	* 1.8967	* 1.7154	* 1.8976	* 1.7677	* 1.8827	* 3.8203
12	* 1.7443	* 1.3752	* 1.8163	* 1.5963	* 1.4683	* 1.6837	* 1.0856	
	* 1.8030	* 2.2000	* 1.7440	* 1.8993	* 2.0703	* 1.8946	* 2.6471	
13	* 1.2499	* 1.3996	* 1.4288	* 1.7940	* 1.6768	* 1.0618	* 0.7132	
	* 2.4266	* 2.1523	* 2.1096	* 1.7699	* 1.9021	* 3.0006	* 4.0407	
14	* 1.6373	* 1.6595	* 1.6831	* 1.6833	* 1.0826	* 0.6798		
	* 1.9213	* 1.9008	* 1.8804	* 1.8839	* 2.6547	* 4.1950		
15	* 0.8712	* 0.8564	* 0.8302	* 0.7486	F-SUB-Q			
	* 3.2631	* 3.2785	* 3.3493	* 3.8154	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2496	* 1.4339	* 1.8266	* 1.3892	* 1.7613	* 1.2490	* 1.6536	* 0.8591
	* 2.4236	* 2.0677	* 1.6957	* 2.1311	* 1.7535	* 2.3703	* 1.8583	* 3.2133
9	* 1.4339	* 1.7886	* 1.3850	* 1.8020	* 1.3745	* 1.3965	* 1.6758	* 0.8409
	* 2.0677	* 1.7394	* 2.1453	* 1.7229	* 2.1609	* 2.1167	* 1.8510	* 3.2493
10	* 1.8266	* 1.3867	* 1.5353	* 1.5916	* 1.8428	* 1.4339	* 1.7042	* 0.8158
	* 1.6957	* 2.1432	* 1.9365	* 1.8620	* 1.7045	* 2.0800	* 1.8374	* 3.3367
11	* 1.3892	* 1.8027	* 1.5919	* 1.8745	* 1.6081	* 1.8192	* 1.7073	* 0.7391
	* 2.1311	* 1.7223	* 1.8616	* 1.6835	* 1.8749	* 1.7358	* 1.8440	* 3.8050
12	* 1.7613	* 1.3751	* 1.8422	* 1.6070	* 1.4777	* 1.7039	* 1.0717	
	* 1.7535	* 2.1602	* 1.7049	* 1.8766	* 2.0511	* 1.8631	* 2.6607	
13	* 1.2490	* 1.3958	* 1.4333	* 1.8168	* 1.6971	* 1.0768	* 0.7071	
	* 2.3703	* 2.1175	* 2.0808	* 1.7378	* 1.8702	* 2.9381	* 4.0110	
14	* 1.6536	* 1.6766	* 1.7040	* 1.7061	* 1.0688	* 0.6688		
	* 1.8583	* 1.8500	* 1.8371	* 1.8448	* 2.6681	* 4.1948		
15	* 0.8591	* 0.8438	* 0.8168	* 0.7395	F-SUB-Q			
	* 3.2133	* 3.2323	* 3.3327	* 3.7986	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2481	* 1.4342	* 1.8325	* 1.3878	* 1.7641	* 1.2443	* 1.6558	* 0.8542
	* 2.2378	* 1.9151	* 1.5746	* 1.9806	* 1.6273	* 2.1997	* 1.7233	* 2.9815
9	* 1.4342	* 1.7951	* 1.3837	* 1.8076	* 1.3722	* 1.3924	* 1.6784	* 0.8361
	* 1.9151	* 1.6111	* 1.9922	* 1.6018	* 2.0094	* 1.9668	* 1.7180	* 3.0210
10	* 1.8325	* 1.3855	* 1.5345	* 1.5911	* 1.8501	* 1.4319	* 1.7091	* 0.8089
	* 1.5746	* 1.9903	* 1.7985	* 1.7332	* 1.5809	* 1.9298	* 1.7000	* 3.0979
11	* 1.3878	* 1.8083	* 1.5914	* 1.8815	* 1.6092	* 1.8249	* 1.7137	* 0.7351
	* 1.9806	* 1.6011	* 1.7329	* 1.5624	* 1.7395	* 1.6073	* 1.7016	* 3.5092
12	* 1.7641	* 1.3728	* 1.8495	* 1.6080	* 1.4789	* 1.7101	* 1.0684	
	* 1.6273	* 2.0087	* 1.5813	* 1.7409	* 1.9012	* 1.7213	* 2.4562	
13	* 1.2443	* 1.3917	* 1.4313	* 1.8225	* 1.7032	* 1.0812	* 0.7046	
	* 2.1997	* 1.9675	* 1.9306	* 1.6090	* 1.7272	* 2.6831	* 3.6837	
14	* 1.6558	* 1.6792	* 1.7090	* 1.7126	* 1.0655	* 0.6642		
	* 1.7233	* 1.7170	* 1.6998	* 1.7023	* 2.4625	* 3.8658		
15	* 0.8542	* 0.8382	* 0.8099	* 0.7356	* F-SUB-Q			
	* 2.9815	* 3.0070	* 3.0942	* 3.5031	* M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2450	* 1.4320	* 1.8320	* 1.3849	* 1.7616	* 1.2392	* 1.6523	* 0.8534
	* 2.0677	* 1.7682	* 1.4500	* 1.8246	* 1.4970	* 2.0309	* 1.5884	* 2.7468
9	* 1.4320	* 1.7964	* 1.3808	* 1.8075	* 1.3682	* 1.3877	* 1.6752	* 0.8341
	* 1.7682	* 1.4839	* 1.8389	* 1.4742	* 1.8558	* 1.8167	* 1.5809	* 2.7790
10	* 1.8320	* 1.3827	* 1.5313	* 1.5875	* 1.8490	* 1.4273	* 1.7070	* 0.8092
	* 1.4500	* 1.8370	* 1.6613	* 1.6019	* 1.4574	* 1.7833	* 1.5673	* 2.8468
11	* 1.3849	* 1.8083	* 1.5878	* 1.8817	* 1.6067	* 1.8231	* 1.7124	* 0.7349
	* 1.8246	* 1.4735	* 1.6016	* 1.4385	* 1.6035	* 1.4802	* 1.5669	* 3.2351
12	* 1.7616	* 1.3689	* 1.8484	* 1.6055	* 1.4755	* 1.7097	* 1.0710	
	* 1.4970	* 1.8551	* 1.4577	* 1.6048	* 1.7524	* 1.5833	* 2.2539	
13	* 1.2392	* 1.3872	* 1.4267	* 1.8208	* 1.7027	* 1.0793	* 0.7047	
	* 2.0309	* 1.8172	* 1.7840	* 1.4817	* 1.5888	* 2.4694	* 3.3875	
14	* 1.6523	* 1.6760	* 1.7070	* 1.7113	* 1.0681	* 0.6663		
	* 1.5884	* 1.5798	* 1.5671	* 1.5675	* 2.2599	* 3.5445		
15	* 0.8534	* 0.8377	* 0.8102	* 0.7354	* F-SUB-Q			
	* 2.7468	* 2.7636	* 2.8428	* 3.2297	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2384	* 1.4266	* 1.8209	* 1.3797	* 1.7492	* 1.2325	* 1.6391	* 0.8590
	* 2.0800	* 1.7745	* 1.4562	* 1.8310	* 1.5087	* 2.0456	* 1.6035	* 2.7353
9	* 1.4266	* 1.7862	* 1.3756	* 1.7959	* 1.3680	* 1.3880	* 1.6621	* 0.8393
	* 1.7745	* 1.4922	* 1.8434	* 1.4828	* 1.8630	* 1.8212	* 1.5923	* 2.7649
10	* 1.8209	* 1.3775	* 1.5226	* 1.5789	* 1.8350	* 1.4199	* 1.6944	* 0.8152
	* 1.4562	* 1.8414	* 1.6669	* 1.6103	* 1.4715	* 1.7960	* 1.5803	* 2.8253
11	* 1.3797	* 1.7967	* 1.5792	* 1.8701	* 1.5994	* 1.8106	* 1.7006	* 0.7397
	* 1.8310	* 1.4821	* 1.6099	* 1.4513	* 1.6140	* 1.4930	* 1.5807	* 3.2186
12	* 1.7492	* 1.3685	* 1.8344	* 1.5981	* 1.4725	* 1.7012	* 1.0842	
	* 1.5087	* 1.8622	* 1.4718	* 1.6154	* 1.7523	* 1.5927	* 2.2304	
13	* 1.2325	* 1.3875	* 1.4194	* 1.8083	* 1.6938	* 1.0714	* 0.7091	
	* 2.0456	* 1.8216	* 1.7966	* 1.4945	* 1.5987	* 2.4881	* 3.3726	
14	* 1.6391	* 1.6630	* 1.6944	* 1.6995	* 1.0812	* 0.6738		
	* 1.6035	* 1.5913	* 1.5799	* 1.5814	* 2.2364	* 3.5115		
15	* 0.8590	* 0.8423	* 0.8163	* 0.7400	F-SUB-Q			
	* 2.7353	* 2.7547	* 2.8215	* 3.2132	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2459	* 1.4369	* 1.8501	* 1.3874	* 1.7756	* 1.2378	* 1.6657	* 0.8499
	* 1.9197	* 1.6426	* 1.3385	* 1.7024	* 1.3901	* 1.9066	* 1.4762	* 2.5885
9	* 1.4369	* 1.8141	* 1.3833	* 1.8235	* 1.3689	* 1.3871	* 1.6887	* 0.8303
	* 1.6426	* 1.3697	* 1.7129	* 1.3646	* 1.7321	* 1.6969	* 1.4641	* 2.6216
10	* 1.8501	* 1.3853	* 1.5367	* 1.5926	* 1.8664	* 1.4284	* 1.7226	* 0.8025
	* 1.3385	* 1.7110	* 1.5449	* 1.4902	* 1.3484	* 1.6632	* 1.4474	* 2.6825
11	* 1.3874	* 1.8244	* 1.5929	* 1.8992	* 1.6128	* 1.8391	* 1.7290	* 0.7307
	* 1.7024	* 1.3640	* 1.4899	* 1.3317	* 1.4921	* 1.3695	* 1.4476	* 3.0366
12	* 1.7756	* 1.3696	* 1.8658	* 1.6116	* 1.4790	* 1.7233	* 1.0672	
	* 1.3901	* 1.7314	* 1.3487	* 1.4935	* 1.6277	* 1.4660	* 2.1155	
13	* 1.2378	* 1.3866	* 1.4279	* 1.8367	* 1.7160	* 1.0850	* 0.7000	
	* 1.9066	* 1.6975	* 1.6638	* 1.3709	* 1.4714	* 2.2916	* 3.1912	
14	* 1.6657	* 1.6896	* 1.7227	* 1.7279	* 1.0642	* 0.6591		
	* 1.4762	* 1.4632	* 1.4470	* 1.4480	* 2.1211	* 3.3531		
15	* 0.8499	* 0.8325	* 0.8036	* 0.7313	F-SUB-Q			
	* 2.5885	* 2.6137	* 2.6790	* 3.0310	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2435	* 1.4357	* 1.8526	* 1.3853	* 1.7773	* 1.2359	* 1.6687	* 0.8484
	* 1.8096	* 1.5511	* 1.2615	* 1.6109	* 1.3117	* 1.8052	* 1.3918	* 2.4522
9	* 1.4357	* 1.8163	* 1.3813	* 1.8243	* 1.3663	* 1.3860	* 1.6920	* 0.8285
	* 1.5511	* 1.2899	* 1.6201	* 1.2877	* 1.6389	* 1.6042	* 1.3788	* 2.4831
10	* 1.8526	* 1.3834	* 1.5366	* 1.5921	* 1.8674	* 1.4269	* 1.7263	* 0.8006
	* 1.2615	* 1.6183	* 1.4588	* 1.4065	* 1.2693	* 1.5683	* 1.3599	* 2.5397
11	* 1.3853	* 1.8253	* 1.5924	* 1.9016	* 1.6131	* 1.8420	* 1.7326	* 0.7286
	* 1.6109	* 1.2871	* 1.4062	* 1.2512	* 1.4013	* 1.2849	* 1.3582	* 2.8713
12	* 1.7773	* 1.3670	* 1.8668	* 1.6119	* 1.4776	* 1.7250	* 1.0649	
	* 1.3117	* 1.6382	* 1.2696	* 1.4026	* 1.5263	* 1.3738	* 1.9911	
13	* 1.2359	* 1.3854	* 1.4264	* 1.8396	* 1.7176	* 1.0819	* 0.6964	
	* 1.8052	* 1.6048	* 1.5690	* 1.2862	* 1.3791	* 2.1556	* 3.0131	
14	* 1.6687	* 1.6929	* 1.7263	* 1.7315	* 1.0620	* 0.6554		
	* 1.3918	* 1.3779	* 1.3596	* 1.3588	* 1.9965	* 3.1675		
15	* 0.8484	* 0.8308	* 0.8017	* 0.7291	F-SUB-Q			
	* 2.4522	* 2.4757	* 2.5364	* 2.8661	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2256	* 1.4153	* 1.8141	* 1.3660	* 1.7417	* 1.2211	* 1.6356	* 0.8513
	* 1.7500	* 1.5000	* 1.2276	* 1.5583	* 1.2763	* 1.7442	* 1.3537	* 2.3333
9	* 1.4153	* 1.7785	* 1.3623	* 1.7836	* 1.3550	* 1.3797	* 1.6601	* 0.8306
	* 1.5000	* 1.2548	* 1.5662	* 1.2553	* 1.5822	* 1.5402	* 1.3388	* 2.3615
10	* 1.8141	* 1.3643	* 1.5141	* 1.5689	* 1.8235	* 1.4086	* 1.6927	* 0.8063
	* 1.2276	* 1.5651	* 1.4093	* 1.3602	* 1.2363	* 1.5124	* 1.3194	* 2.4056
11	* 1.3660	* 1.7846	* 1.5693	* 1.8635	* 1.5914	* 1.8066	* 1.6984	* 0.7308
	* 1.5583	* 1.2546	* 1.3599	* 1.2141	* 1.3500	* 1.2449	* 1.3168	* 2.7280
12	* 1.7417	* 1.3556	* 1.8228	* 1.5901	* 1.4636	* 1.6942	* 1.0735	
	* 1.2763	* 1.5818	* 1.2365	* 1.3513	* 1.4629	* 1.3280	* 1.8771	
13	* 1.2211	* 1.3793	* 1.4081	* 1.8041	* 1.6862	* 1.0533	* 0.6957	
	* 1.7442	* 1.5406	* 1.5131	* 1.2463	* 1.3336	* 2.1011	* 2.8669	
14	* 1.6356	* 1.6610	* 1.6926	* 1.6972	* 1.0703	* 0.6598		
	* 1.3537	* 1.3380	* 1.3192	* 1.3174	* 1.8825	* 2.9904		
15	* 0.8513	* 0.8338	* 0.8074	* 0.7311	F-SUB-Q			
	* 2.3333	* 2.3524	* 2.4026	* 2.7241	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2065	* 1.3905	* 1.7853	* 1.3390	* 1.7168	* 1.2021	* 1.6150	* 0.8247
	* 1.7104	* 1.4680	* 1.1987	* 1.5292	* 1.2448	* 1.7054	* 1.3181	* 2.3195
9	* 1.3905	* 1.7470	* 1.3368	* 1.7492	* 1.3212	* 1.3494	* 1.6405	* 0.8056
	* 1.4680	* 1.2276	* 1.5352	* 1.2302	* 1.5544	* 1.5114	* 1.3020	* 2.3465
10	* 1.7853	* 1.3382	* 1.4958	* 1.5470	* 1.7891	* 1.3865	* 1.6713	* 0.7795
	* 1.1987	* 1.5341	* 1.3744	* 1.3258	* 1.2091	* 1.4760	* 1.2829	* 2.3951
11	* 1.3390	* 1.7501	* 1.5473	* 1.8318	* 1.5692	* 1.7829	* 1.6747	* 0.7051
	* 1.5292	* 1.2295	* 1.3255	* 1.1852	* 1.3138	* 1.2101	* 1.2813	* 2.7197
12	* 1.7168	* 1.3219	* 1.7885	* 1.5674	* 1.4334	* 1.6657	* 1.0304	
	* 1.2448	* 1.5538	* 1.2094	* 1.3154	* 1.4325	* 1.2955	* 1.8771	
13	* 1.2022	* 1.3487	* 1.3860	* 1.7803	* 1.6579	* 1.0267	* 0.6694	
	* 1.7054	* 1.5121	* 1.4767	* 1.2116	* 1.3011	* 2.0684	* 2.8626	
14	* 1.6150	* 1.6414	* 1.6711	* 1.6733	* 1.0273	* 0.6300		
	* 1.3181	* 1.3013	* 1.2829	* 1.2821	* 1.8828	* 3.0094		
15	* 0.8247	* 0.8078	* 0.7805	* 0.7054	F-SUB-Q			
	* 2.3195	* 2.3395	* 2.3921	* 2.7159	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1338	* 1.3033	* 1.6480	* 1.2523	* 1.5898	* 1.1300	* 1.4931	* 0.7734
	* 1.7649	* 1.5178	* 1.2569	* 1.5838	* 1.3016	* 1.7594	* 1.3808	* 2.4008
9	* 1.3033	* 1.6103	* 1.2518	* 1.6097	* 1.2370	* 1.2706	* 1.5195	* 0.7553
	* 1.5178	* 1.2889	* 1.5881	* 1.2935	* 1.6082	* 1.5560	* 1.3612	* 2.4293
10	* 1.6480	* 1.2536	* 1.4070	* 1.4532	* 1.6490	* 1.3018	* 1.5449	* 0.7299
	* 1.2569	* 1.5868	* 1.4158	* 1.3662	* 1.2688	* 1.5220	* 1.3430	* 2.4819
11	* 1.2523	* 1.6106	* 1.4536	* 1.6915	* 1.4740	* 1.6516	* 1.5451	* 0.6570
	* 1.5838	* 1.2928	* 1.3659	* 1.2408	* 1.3534	* 1.2632	* 1.3431	* 2.8324
12	* 1.5898	* 1.2376	* 1.6484	* 1.4723	* 1.3459	* 1.5407	* 0.9614	
	* 1.3016	* 1.6077	* 1.2691	* 1.3551	* 1.4766	* 1.3544	* 1.9480	
13	* 1.1300	* 1.2700	* 1.3012	* 1.6490	* 1.5331	* 0.9367	* 0.6259	
	* 1.7594	* 1.5567	* 1.5228	* 1.2649	* 1.3607	* 2.1956	* 2.9695	
14	* 1.4931	* 1.5203	* 1.5447	* 1.5437	* 0.9583	* 0.5852		
	* 1.3808	* 1.3605	* 1.3430	* 1.3440	* 1.9542	* 3.1429		
15	* 0.7734	* 0.7574	* 0.7309	* 0.6570	F-SUB-Q			
	* 2.4008	* 2.4221	* 2.4789	* 2.8296	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 350 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9457	* 1.0847	* 1.3480	* 1.0416	* 1.3021	* 0.9419	* 1.2197	* 0.6469
	* 2.0632	* 1.7754	* 1.4948	* 1.8547	* 1.5458	* 2.0587	* 1.6464	* 2.8029
9	* 1.0847	* 1.3329	* 1.0418	* 1.3373	* 1.0308	* 1.0600	* 1.2379	* 0.6267
	* 1.7754	* 1.5136	* 1.8598	* 1.5134	* 1.8791	* 1.8173	* 1.6262	* 2.8598
10	* 1.3480	* 1.0432	* 1.1896	* 1.2100	* 1.3835	* 1.0856	* 1.2546	* 0.6066
	* 1.4948	* 1.8578	* 1.6307	* 1.5960	* 1.4707	* 1.7761	* 1.6087	* 2.9166
11	* 1.0416	* 1.3379	* 1.2103	* 1.4005	* 1.2271	* 1.3460	* 1.2504	* 0.5383
	* 1.8547	* 1.5127	* 1.5957	* 1.4553	* 1.5812	* 1.5063	* 1.6156	* 3.3754
12	* 1.3021	* 1.0313	* 1.3831	* 1.2258	* 1.1271	* 1.2505	* 0.7910	
	* 1.5458	* 1.8786	* 1.4711	* 1.5832	* 1.7183	* 1.6211	* 2.3075	
13	* 0.9418	* 1.0595	* 1.0851	* 1.3440	* 1.2438	* 0.7438	* 0.5234	
	* 2.0587	* 1.8180	* 1.7771	* 1.5083	* 1.6304	* 2.6978	* 3.4684	
14	* 1.2197	* 1.2385	* 1.2544	* 1.2492	* 0.7885	* 0.4860		
	* 1.6464	* 1.6254	* 1.6089	* 1.6169	* 2.3149	* 3.6960		
15	* 0.6469	* 0.6286	* 0.6074	* 0.5376	F-SUB-Q			
	* 2.8029	* 2.8492	* 2.9133	* 3.3770	M-SUB-Q			

AT 75% POWER, 350 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4472	* 0.4861	* 0.5752	* 0.4905	* 0.5544	* 0.4426	* 0.4902	* 0.2851
	* 4.2592	* 3.8611	* 3.4139	* 3.8416	* 3.5416	* 4.2788	* 3.9978	* 6.2182
9	* 0.4861	* 0.5634	* 0.4904	* 0.5776	* 0.4860	* 0.4615	* 0.4973	* 0.2764
	* 3.8611	* 3.4873	* 3.8533	* 3.4136	* 3.8862	* 4.0680	* 3.9496	* 6.3394
10	* 0.5752	* 0.4909	* 0.5131	* 0.5252	* 0.5917	* 0.4857	* 0.5019	* 0.2698
	* 3.4139	* 3.8503	* 3.6821	* 3.5774	* 3.3441	* 3.8692	* 3.9217	* 6.4142
11	* 0.4905	* 0.5778	* 0.5253	* 0.5988	* 0.5296	* 0.5677	* 0.4968	* 0.2432
	* 3.8416	* 3.4127	* 3.5770	* 3.3088	* 3.5619	* 3.4800	* 3.9656	* 7.3103
12	* 0.5544	* 0.4861	* 0.5916	* 0.5293	* 0.4895	* 0.5270	* 0.3518	
	* 3.5416	* 3.8856	* 3.3449	* 3.5651	* 3.8507	* 3.7463	* 5.0647	
13	* 0.4426	* 0.4614	* 0.4854	* 0.5667	* 0.5243	* 0.4327	* 0.2279	
	* 4.2788	* 4.0694	* 3.8720	* 3.4855	* 3.7651	* 4.5527	* 7.8069	
14	* 0.4902	* 0.4975	* 0.5017	* 0.4961	* 0.3506	* 0.2184		
	* 3.9978	* 3.9477	* 3.9230	* 3.9702	* 5.0824	* 8.0624		
15	* 0.2851	* 0.2773	* 0.2701	* 0.2428	F-SUB-Q			
	* 6.2182	* 6.3177	* 6.4074	* 7.3160	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4574	* 0.5967	* 0.7353	* 0.6634	* 0.7464	* 0.6303	* 0.6787	* 0.4185
	* 3.4043	* 3.4229	* 3.0152	* 3.0974	* 2.9622	* 3.3166	* 3.3079	* 4.6417
9	* 0.5967	* 0.7014	* 0.6482	* 0.7499	* 0.6570	* 0.6420	* 0.6773	* 0.4080
	* 3.4229	* 3.1999	* 3.2068	* 2.9611	* 3.1181	* 3.1815	* 3.3077	* 4.6720
10	* 0.7353	* 0.6484	* 0.6769	* 0.6860	* 0.7384	* 0.6332	* 0.6608	* 0.3984
	* 3.0152	* 3.2066	* 3.0785	* 2.9779	* 2.9836	* 3.1802	* 3.3158	* 4.6251
11	* 0.6634	* 0.7499	* 0.6861	* 0.7247	* 0.6250	* 0.6626	* 0.6097	* 0.3387
	* 3.0974	* 2.9614	* 2.9778	* 3.0782	* 3.1211	* 3.2452	* 3.5372	* 5.5532
12	* 0.7464	* 0.6571	* 0.7384	* 0.6250	* 0.4677	* 0.5329	* 0.4088	
	* 2.9622	* 3.1184	* 2.9835	* 3.1238	* 3.1669	* 3.3406	* 4.2551	
13	* 0.6303	* 0.6418	* 0.6333	* 0.6625	* 0.5323	* 0.4361	* 0.2687	
	* 3.3166	* 3.1819	* 3.1806	* 3.2493	* 3.3520	* 3.7659	* 6.1652	
14	* 0.6787	* 0.6775	* 0.6610	* 0.6098	* 0.4084	* 0.2630		
	* 3.3079	* 3.3066	* 3.3150	* 3.5380	* 4.2710	* 6.0422		
15	* 0.4185	* 0.4089	* 0.3988	* 0.3386	F-SUB-Q			
	* 4.6417	* 4.6579	* 4.6218	* 5.5398	M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8106	* 1.1232	* 1.4138	* 1.1938	* 1.4342	* 1.1392	* 1.3812	* 0.8179
	* 2.0621	* 1.8652	* 1.6074	* 1.7679	* 1.5836	* 1.8747	* 1.6686	* 2.4382
9	* 1.1232	* 1.3598	* 1.1701	* 1.4405	* 1.1859	* 1.2421	* 1.3790	* 0.7999
	* 1.8652	* 1.6789	* 1.8137	* 1.5797	* 1.7740	* 1.6869	* 1.6556	* 2.4321
10	* 1.4138	* 1.1707	* 1.3046	* 1.3279	* 1.4317	* 1.1967	* 1.3503	* 0.7686
	* 1.6074	* 1.8133	* 1.6403	* 1.5727	* 1.5800	* 1.7301	* 1.6647	* 2.4529
11	* 1.1938	* 1.4406	* 1.3281	* 1.3926	* 1.2144	* 1.2950	* 1.2568	* 0.6520
	* 1.7679	* 1.5796	* 1.5726	* 1.6301	* 1.6278	* 1.6779	* 1.7611	* 2.9650
12	* 1.4342	* 1.1860	* 1.4318	* 1.2144	* 0.9086	* 1.0729	* 0.8016	
	* 1.5836	* 1.7740	* 1.5799	* 1.6291	* 1.6853	* 1.7293	* 2.1986	
13	* 1.1392	* 1.2418	* 1.1970	* 1.2948	* 1.0716	* 0.6457	* 0.5376	
	* 1.8747	* 1.6871	* 1.7302	* 1.6806	* 1.7350	* 2.6321	* 3.1221	
14	* 1.3812	* 1.3794	* 1.3509	* 1.2568	* 0.8007	* 0.5169		
	* 1.6686	* 1.6551	* 1.6642	* 1.7613	* 2.2069	* 3.1155		
15	* 0.8179	* 0.8018	* 0.7695	* 0.6519	F-SUB-Q			
	* 2.4382	* 2.4251	* 2.4511	* 2.9577	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9383	* 1.2751	* 1.6328	* 1.3510	* 1.6508	* 1.2893	* 1.5948	* 0.9407
	* 1.8916	* 1.6686	* 1.4102	* 1.5846	* 1.3950	* 1.6749	* 1.4472	* 2.1236
9	* 1.2751	* 1.5385	* 1.3279	* 1.6346	* 1.3445	* 1.4009	* 1.5910	* 0.9290
	* 1.6686	* 1.4982	* 1.6168	* 1.4107	* 1.5873	* 1.5161	* 1.4464	* 2.1115
10	* 1.6328	* 1.3287	* 1.4538	* 1.5011	* 1.6143	* 1.3524	* 1.5614	* 0.8917
	* 1.4102	* 1.6163	* 1.4736	* 1.4078	* 1.4214	* 1.5537	* 1.4585	* 2.1390
11	* 1.3510	* 1.6347	* 1.5014	* 1.5695	* 1.3718	* 1.5007	* 1.4622	* 0.7673
	* 1.5846	* 1.4106	* 1.4077	* 1.4503	* 1.4574	* 1.4636	* 1.5374	* 2.5597
12	* 1.6508	* 1.3448	* 1.6145	* 1.3719	* 1.0597	* 1.2417	* 0.9475	
	* 1.3950	* 1.5873	* 1.4213	* 1.4586	* 1.5293	* 1.5333	* 1.8836	
13	* 1.2893	* 1.4005	* 1.3528	* 1.5006	* 1.2401	* 0.7620	* 0.6189	
	* 1.6749	* 1.5164	* 1.5537	* 1.4656	* 1.5375	* 2.2716	* 2.7546	
14	* 1.5948	* 1.5916	* 1.5621	* 1.4623	* 0.9464	* 0.5968		
	* 1.4472	* 1.4459	* 1.4580	* 1.5376	* 1.8910	* 2.7402		
15	* 0.9407	* 0.9313	* 0.8927	* 0.7675	F-SUB-Q			
	* 2.1236	* 2.1044	* 2.1372	* 2.5521	M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9848	* 1.3357	* 1.7450	* 1.4118	* 1.7578	* 1.3417	* 1.7066	* 0.9651
	* 1.8509	* 1.6189	* 1.3379	* 1.5376	* 1.3277	* 1.6297	* 1.3636	* 2.0881
9	* 1.3357	* 1.6489	* 1.3888	* 1.7501	* 1.4048	* 1.4600	* 1.7020	* 0.9535
	* 1.6189	* 1.4173	* 1.5669	* 1.3340	* 1.5406	* 1.4734	* 1.3651	* 2.0761
10	* 1.7450	* 1.3899	* 1.5188	* 1.5702	* 1.7380	* 1.4109	* 1.6718	* 0.9126
	* 1.3379	* 1.5662	* 1.4264	* 1.3638	* 1.3388	* 1.5110	* 1.3797	* 2.1169
11	* 1.4118	* 1.7503	* 1.5706	* 1.6847	* 1.4393	* 1.6040	* 1.5704	* 0.7917
	* 1.5376	* 1.3338	* 1.3635	* 1.3728	* 1.4089	* 1.3877	* 1.4465	* 2.5107
12	* 1.7578	* 1.4053	* 1.7383	* 1.4394	* 1.1127	* 1.3403	* 0.9830	
	* 1.3277	* 1.5404	* 1.3386	* 1.4100	* 1.4818	* 1.4491	* 1.8452	
13	* 1.3417	* 1.4597	* 1.4114	* 1.6041	* 1.3387	* 0.8308	* 0.6386	
	* 1.6297	* 1.4737	* 1.5109	* 1.3898	* 1.4543	* 2.1392	* 2.7241	
14	* 1.7066	* 1.7027	* 1.6727	* 1.5707	* 0.9818	* 0.6096		
	* 1.3636	* 1.3646	* 1.3791	* 1.4465	* 1.8525	* 2.7379		
15	* 0.9651	* 0.9575	* 0.9137	* 0.7923	F-SUB-Q			
	* 2.0881	* 2.0657	* 2.1149	* 2.5023	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9890	* 1.3309	* 1.7486	* 1.4041	* 1.7561	* 1.3294	* 1.7078	* 0.9640
	* 1.9022	* 1.6576	* 1.3585	* 1.5703	* 1.3487	* 1.6708	* 1.3832	* 2.1235
9	* 1.3309	* 1.6550	* 1.3824	* 1.7580	* 1.3970	* 1.4454	* 1.7020	* 0.9522
	* 1.6576	* 1.4389	* 1.6022	* 1.3490	* 1.5720	* 1.5078	* 1.3865	* 2.1121
10	* 1.7486	* 1.3836	* 1.5073	* 1.5613	* 1.7472	* 1.3988	* 1.6727	* 0.9087
	* 1.3585	* 1.6014	* 1.4638	* 1.3930	* 1.3505	* 1.5430	* 1.3961	* 2.1570
11	* 1.4041	* 1.7584	* 1.5618	* 1.6901	* 1.4325	* 1.6060	* 1.5764	* 0.7905
	* 1.5703	* 1.3488	* 1.3927	* 1.3891	* 1.4395	* 1.4087	* 1.4624	* 2.5475
12	* 1.7561	* 1.3976	* 1.7476	* 1.4327	* 1.1172	* 1.3546	* 0.9885	
	* 1.3487	* 1.5717	* 1.3502	* 1.4407	* 1.5151	* 1.4609	* 1.8704	
13	* 1.3294	* 1.4451	* 1.3994	* 1.6063	* 1.3530	* 0.8456	* 0.6410	
	* 1.6708	* 1.5081	* 1.5429	* 1.4109	* 1.4661	* 2.1586	* 2.7793	
14	* 1.7078	* 1.7027	* 1.6737	* 1.5768	* 0.9874	* 0.6144	*	
	* 1.3832	* 1.3859	* 1.3954	* 1.4622	* 1.8775	* 2.7821	*	
15	* 0.9640	* 0.9547	* 0.9099	* 0.7913	* F-SUB-Q			
	* 2.1235	* 2.1048	* 2.1549	* 2.5383	* M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9771	* 1.3076	* 1.7186	* 1.3762	* 1.7226	* 1.2999	* 1.6755	* 0.9525
	* 1.9684	* 1.7187	* 1.4058	* 1.6299	* 1.3977	* 1.7344	* 1.4292	* 2.1789
9	* 1.3076	* 1.6285	* 1.3561	* 1.7306	* 1.3692	* 1.4117	* 1.6692	* 0.9377
	* 1.7187	* 1.4881	* 1.6612	* 1.3943	* 1.6327	* 1.5696	* 1.4323	* 2.1745
10	* 1.7186	* 1.3573	* 1.4754	* 1.5299	* 1.7196	* 1.3681	* 1.6417	* 0.8959
	* 1.4058	* 1.6602	* 1.5203	* 1.4466	* 1.3975	* 1.6082	* 1.4467	* 2.2218
11	* 1.3762	* 1.7310	* 1.5304	* 1.6619	* 1.4087	* 1.5784	* 1.5514	* 0.7811
	* 1.6299	* 1.3940	* 1.4462	* 1.4336	* 1.4941	* 1.4590	* 1.5203	* 2.6342
12	* 1.7226	* 1.3698	* 1.7201	* 1.4089	* 1.1027	* 1.3402	* 0.9812	
	* 1.3977	* 1.6323	* 1.3971	* 1.4951	* 1.5771	* 1.5114	* 1.9256	
13	* 1.2999	* 1.4114	* 1.3687	* 1.5787	* 1.3386	* 0.8402	* 0.6374	
	* 1.7344	* 1.5698	* 1.6079	* 1.4604	* 1.5166	* 2.2359	* 2.8758	
14	* 1.6755	* 1.6700	* 1.6428	* 1.5520	* 0.9802	* 0.6142	*	
	* 1.4292	* 1.4317	* 1.4458	* 1.5198	* 1.9326	* 2.8633	*	
15	* 0.9525	* 0.9403	* 0.8971	* 0.7819	* F-SUB-Q			
	* 2.1789	* 2.1666	* 2.2194	* 2.6244	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9586	* 1.2885	* 1.7012	* 1.3534	* 1.7018	* 1.2747	* 1.6568	* 0.9278
	* 2.0268	* 1.7637	* 1.4610	* 1.7054	* 1.4534	* 1.8152	* 1.4785	* 2.2887
9	* 1.2885	* 1.6154	* 1.3342	* 1.7145	* 1.3460	* 1.3872	* 1.6502	* 0.9145
	* 1.7637	* 1.5442	* 1.7375	* 1.4468	* 1.7093	* 1.6422	* 1.4837	* 2.2817
10	* 1.7012	* 1.3355	* 1.4534	* 1.5064	* 1.7058	* 1.3457	* 1.6250	* 0.8729
	* 1.4610	* 1.7363	* 1.5882	* 1.5125	* 1.4509	* 1.6848	* 1.5031	* 2.3420
11	* 1.3534	* 1.7149	* 1.5068	* 1.6478	* 1.3853	* 1.5651	* 1.5406	* 0.7642
	* 1.7054	* 1.4465	* 1.5121	* 1.4699	* 1.5457	* 1.4988	* 1.5726	* 2.7802
12	* 1.7018	* 1.3466	* 1.7064	* 1.3855	* 1.0821	* 1.3347	* 0.9656	
	* 1.4534	* 1.7088	* 1.4504	* 1.5466	* 1.6340	* 1.5544	* 2.0049	
13	* 1.2747	* 1.3871	* 1.3464	* 1.5656	* 1.3332	* 0.8406	* 0.6290	
	* 1.8152	* 1.6423	* 1.6844	* 1.5000	* 1.5597	* 2.3033	* 3.0048	
14	* 1.6568	* 1.6510	* 1.6262	* 1.5413	* 0.9647	* 0.6024		
	* 1.4785	* 1.4829	* 1.5021	* 1.5732	* 2.0119	* 3.0106		
15	* 0.9278	* 0.9170	* 0.8742	* 0.7651	* F-SUB-Q			
	* 2.2887	* 2.2733	* 2.3392	* 2.7691	* M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9502	* 1.2760	* 1.6832	* 1.3341	* 1.6793	* 1.2525	* 1.6348	* 0.9118
	* 2.1045	* 1.8331	* 1.5383	* 1.8016	* 1.5305	* 1.9170	* 1.5513	* 2.4110
9	* 1.2760	* 1.6025	* 1.3162	* 1.6967	* 1.3264	* 1.3655	* 1.6285	* 0.8983
	* 1.8331	* 1.6086	* 1.8354	* 1.5220	* 1.8065	* 1.7354	* 1.5580	* 2.4053
10	* 1.6832	* 1.3175	* 1.4346	* 1.4866	* 1.6905	* 1.3271	* 1.6073	* 0.8576
	* 1.5383	* 1.8341	* 1.6777	* 1.5978	* 1.5215	* 1.7680	* 1.5819	* 2.4772
11	* 1.3341	* 1.6972	* 1.4871	* 1.6350	* 1.3731	* 1.5563	* 1.5318	* 0.7545
	* 1.8016	* 1.5215	* 1.5973	* 1.5203	* 1.5997	* 1.5497	* 1.6262	* 2.9430
12	* 1.6793	* 1.3270	* 1.6911	* 1.3733	* 1.0746	* 1.3368	* 0.9625	
	* 1.5305	* 1.8059	* 1.5218	* 1.6007	* 1.6910	* 1.6019	* 2.0732	
13	* 1.2525	* 1.3654	* 1.3278	* 1.5568	* 1.3353	* 0.8481	* 0.6306	
	* 1.9170	* 1.7356	* 1.7688	* 1.5509	* 1.6073	* 2.3776	* 3.1121	
14	* 1.6348	* 1.6293	* 1.6085	* 1.5326	* 0.9616	* 0.6031		
	* 1.5513	* 1.5571	* 1.5806	* 1.6268	* 2.0804	* 3.1219		
15	* 0.9118	* 0.9008	* 0.8589	* 0.7554	* F-SUB-Q			
	* 2.4110	* 2.3963	* 2.4739	* 2.9308	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9618	* 1.2792	* 1.6806	* 1.3239	* 1.6700	* 1.2383	* 1.6247	* 0.8964
	* 2.2040	* 1.9111	* 1.6251	* 1.9120	* 1.6163	* 2.0311	* 1.6330	* 2.5658
9	* 1.2792	* 1.6091	* 1.3079	* 1.6938	* 1.3161	* 1.3548	* 1.6191	* 0.8809
	* 1.9111	* 1.6677	* 1.9481	* 1.6060	* 1.9179	* 1.8396	* 1.6412	* 2.5664
10	* 1.6806	* 1.3093	* 1.4290	* 1.4792	* 1.6916	* 1.3203	* 1.6038	* 0.8435
	* 1.6251	* 1.9465	* 1.7770	* 1.6916	* 1.5818	* 1.8470	* 1.6694	* 2.6456
11	* 1.3239	* 1.6942	* 1.4797	* 1.6421	* 1.3807	* 1.5708	* 1.5411	* 0.7484
	* 1.9120	* 1.6055	* 1.6913	* 1.5820	* 1.6703	* 1.6128	* 1.6909	* 3.1258
12	* 1.6700	* 1.3168	* 1.6922	* 1.3808	* 1.0916	* 1.3677	* 0.9703	
	* 1.6163	* 1.9172	* 1.5818	* 1.6713	* 1.7650	* 1.6624	* 2.1718	
13	* 1.2383	* 1.3547	* 1.3210	* 1.5712	* 1.3660	* 0.8798	* 0.6427	
	* 2.0311	* 1.8398	* 1.8474	* 1.6140	* 1.6682	* 2.4708	* 3.2603	
14	* 1.6247	* 1.6200	* 1.6050	* 1.5417	* 0.9693	* 0.6112	*	
	* 1.6330	* 1.6402	* 1.6679	* 1.6914	* 2.1793	* 3.2890	*	
15	* 0.8964	* 0.8854	* 0.8447	* 0.7493	F-SUB-Q			
	* 2.5658	* 2.5508	* 2.6418	* 3.1145	M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0420	* 1.2872	* 1.6608	* 1.3105	* 1.6414	* 1.2203	* 1.5935	* 0.9011
	* 2.3238	* 2.0112	* 1.7309	* 2.0541	* 1.7432	* 2.1791	* 1.7580	* 2.6947
9	* 1.2872	* 1.6011	* 1.2971	* 1.6706	* 1.3055	* 1.3371	* 1.5896	* 0.8847
	* 2.0112	* 1.7624	* 2.0721	* 1.7190	* 2.0394	* 1.9809	* 1.7671	* 2.6984
10	* 1.6608	* 1.2985	* 1.4149	* 1.4669	* 1.6745	* 1.3170	* 1.5822	* 0.8498
	* 1.7309	* 2.0705	* 1.8811	* 1.7884	* 1.6706	* 1.9449	* 1.7816	* 2.7839
11	* 1.3105	* 1.6710	* 1.4674	* 1.6388	* 1.3972	* 1.5792	* 1.5377	* 0.7564
	* 2.0541	* 1.7187	* 1.7880	* 1.6722	* 1.7698	* 1.7091	* 1.7845	* 3.2403
12	* 1.6414	* 1.3061	* 1.6751	* 1.3971	* 1.1870	* 1.4116	* 1.0040	*
	* 1.7432	* 2.0390	* 1.6707	* 1.7709	* 1.8747	* 1.7695	* 2.2584	*
13	* 1.2203	* 1.3369	* 1.3174	* 1.5794	* 1.4094	* 0.9292	* 0.6748	*
	* 2.1791	* 1.9812	* 1.9454	* 1.7101	* 1.7755	* 2.6250	* 3.3998	*
14	* 1.5935	* 1.5905	* 1.5834	* 1.5382	* 1.0028	* 0.6496	*	
	* 1.7580	* 1.7660	* 1.7811	* 1.7847	* 2.2660	* 3.3883	*	
15	* 0.9011	* 0.8874	* 0.8511	* 0.7572	F-SUB-Q			
	* 2.6947	* 2.6873	* 2.7798	* 3.2291	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1207	* 1.3168	* 1.6858	* 1.3151	* 1.6566	* 1.2190	* 1.6076	* 0.8858
	* 2.4348	* 2.1100	* 1.8051	* 2.1635	* 1.8425	* 2.3199	* 1.8518	* 2.9119
9	* 1.3168	* 1.6413	* 1.3045	* 1.6952	* 1.3081	* 1.3433	* 1.6062	* 0.8696
	* 2.1100	* 1.8334	* 2.1796	* 1.7893	* 2.1574	* 2.0859	* 1.8624	* 2.9165
10	* 1.6858	* 1.3059	* 1.4299	* 1.4795	* 1.7101	* 1.3374	* 1.6051	* 0.8365
	* 1.8051	* 2.1778	* 1.9709	* 1.8742	* 1.7346	* 2.0394	* 1.8515	* 3.0153
11	* 1.3151	* 1.6957	* 1.4800	* 1.6912	* 1.4424	* 1.6343	* 1.5784	* 0.7523
	* 2.1635	* 1.7890	* 1.8739	* 1.7379	* 1.8475	* 1.7751	* 1.8520	* 3.4488
12	* 1.6566	* 1.3088	* 1.7104	* 1.4422	* 1.3009	* 1.5254	* 1.0242	
	* 1.8425	* 2.1569	* 1.7347	* 1.8486	* 1.9581	* 1.8305	* 2.3909	
13	* 1.2190	* 1.3431	* 1.3377	* 1.6340	* 1.5212	* 1.0099	* 0.6984	
	* 2.3199	* 2.0865	* 2.0399	* 1.7761	* 1.8368	* 2.7306	* 3.6033	
14	* 1.6076	* 1.6072	* 1.6063	* 1.5788	* 1.0228	* 0.6647		
	* 1.8518	* 1.8612	* 1.8509	* 1.8522	* 2.3987	* 3.6319		
15	* 0.8858	* 0.8744	* 0.8377	* 0.7531	* F-SUB-Q			
	* 2.9119	* 2.8972	* 3.0106	* 3.4363	* M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1696	* 1.3331	* 1.6925	* 1.3148	* 1.6554	* 1.2139	* 1.6043	* 0.8833
	* 2.5166	* 2.1743	* 1.8642	* 2.2303	* 1.9117	* 2.4428	* 1.9774	* 3.1110
9	* 1.3331	* 1.6581	* 1.3063	* 1.7005	* 1.3080	* 1.3416	* 1.6063	* 0.8672
	* 2.1743	* 1.8947	* 2.2469	* 1.8602	* 2.2414	* 2.1764	* 1.9723	* 3.1160
10	* 1.6925	* 1.3078	* 1.4339	* 1.4834	* 1.7293	* 1.3483	* 1.6102	* 0.8361
	* 1.8642	* 2.2450	* 2.0363	* 1.9547	* 1.8233	* 2.1478	* 1.9597	* 3.1693
11	* 1.3148	* 1.7010	* 1.4838	* 1.7178	* 1.4683	* 1.6659	* 1.5984	* 0.7560
	* 2.2303	* 1.8597	* 1.9543	* 1.8308	* 1.9578	* 1.8792	* 1.9595	* 3.6348
12	* 1.6554	* 1.3087	* 1.7295	* 1.4680	* 1.3654	* 1.5910	* 1.0489	
	* 1.9117	* 2.2406	* 1.8232	* 1.9590	* 2.0729	* 1.9316	* 2.5272	
13	* 1.2139	* 1.3414	* 1.3486	* 1.6654	* 1.5862	* 1.0606	* 0.7229	
	* 2.4428	* 2.1768	* 2.1480	* 1.8802	* 1.9383	* 2.8810	* 3.8063	
14	* 1.6043	* 1.6074	* 1.6110	* 1.5988	* 1.0473	* 0.6884		
	* 1.9774	* 1.9711	* 1.9587	* 1.9596	* 2.5354	* 3.8340		
15	* 0.8833	* 0.8712	* 0.8373	* 0.7568	* F-SUB-Q			
	* 3.1110	* 3.0981	* 3.1654	* 3.6208	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1790	* 1.3345	* 1.6811	* 1.3085	* 1.6389	* 1.2041	* 1.5856	* 0.8896
	* 2.4773	* 2.1389	* 1.8397	* 2.1931	* 1.8874	* 2.4046	* 1.9533	* 3.0199
9	* 1.3345	* 1.6540	* 1.3012	* 1.6876	* 1.3108	* 1.3321	* 1.5908	* 0.8718
	* 2.1389	* 1.8707	* 2.2100	* 1.8377	* 2.1948	* 2.1467	* 1.9490	* 3.0280
10	* 1.6811	* 1.3027	* 1.4257	* 1.4768	* 1.7243	* 1.3474	* 1.6019	* 0.8431
	* 1.8397	* 2.2080	* 2.0093	* 1.9279	* 1.8033	* 2.1193	* 1.9383	* 3.0763
11	* 1.3084	* 1.6880	* 1.4772	* 1.7181	* 1.4798	* 1.6689	* 1.5969	* 0.7642
	* 2.1931	* 1.8372	* 1.9274	* 1.8112	* 1.9333	* 1.8636	* 1.9455	* 3.5365
12	* 1.6389	* 1.3113	* 1.7245	* 1.4794	* 1.3906	* 1.6088	* 1.0726	
	* 1.8874	* 2.1942	* 1.8031	* 1.9344	* 2.0624	* 1.9348	* 2.4699	
13	* 1.2041	* 1.3320	* 1.3476	* 1.6683	* 1.6037	* 1.0798	* 0.7435	
	* 2.4046	* 2.1470	* 2.1193	* 1.8641	* 1.9408	* 2.8719	* 3.7227	
14	* 1.5856	* 1.5918	* 1.6027	* 1.5971	* 1.0708	* 0.7141		
	* 1.9533	* 1.9477	* 1.9372	* 1.9451	* 2.4774	* 3.7166		
15	* 0.8896	* 0.8746	* 0.8443	* 0.7650	* F-SUB-Q			
	* 3.0199	* 3.0156	* 3.0723	* 3.5231	* M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1884	* 1.3428	* 1.6998	* 1.3115	* 1.6539	* 1.2037	* 1.6013	* 0.8750
	* 2.4193	* 2.0850	* 1.7793	* 2.1362	* 1.8238	* 2.3333	* 1.8738	* 2.9617
9	* 1.3428	* 1.6778	* 1.3051	* 1.7086	* 1.3049	* 1.3357	* 1.6077	* 0.8576
	* 2.0850	* 1.8096	* 2.1538	* 1.7765	* 2.1522	* 2.0918	* 1.8833	* 2.9711
10	* 1.6998	* 1.3067	* 1.4348	* 1.4848	* 1.7503	* 1.3552	* 1.6244	* 0.8294
	* 1.7793	* 2.1518	* 1.9543	* 1.8796	* 1.7490	* 2.0738	* 1.8784	* 3.0519
11	* 1.3115	* 1.7091	* 1.4852	* 1.7454	* 1.4961	* 1.6950	* 1.6225	* 0.7570
	* 2.1362	* 1.7760	* 1.8790	* 1.7570	* 1.8885	* 1.8095	* 1.8866	* 3.5042
12	* 1.6539	* 1.3055	* 1.7505	* 1.4957	* 1.4074	* 1.6469	* 1.0697	
	* 1.8238	* 2.1514	* 1.7487	* 1.8895	* 2.0214	* 1.8719	* 2.4466	
13	* 1.2037	* 1.3354	* 1.3554	* 1.6944	* 1.6415	* 1.1025	* 0.7434	
	* 2.3333	* 2.0920	* 2.0736	* 1.8099	* 1.8778	* 2.7857	* 3.6884	
14	* 1.6013	* 1.6087	* 1.6252	* 1.6228	* 1.0680	* 0.7060		
	* 1.8738	* 1.8820	* 1.8771	* 1.8861	* 2.4538	* 3.7242		
15	* 0.8750	* 0.8626	* 0.8306	* 0.7579	* F-SUB-Q			
	* 2.9617	* 2.9506	* 3.0477	* 3.4898	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1892	1.3438	1.7042	1.3103	1.6562	1.2000	1.6036	0.8708
	2.2857	1.9783	1.6948	2.0310	1.7273	2.2088	1.7750	2.8044
9	1.3438	1.6849	1.3041	1.7144	1.3033	1.3332	1.6107	0.8532
	1.9783	1.7181	2.0493	1.6934	2.0509	1.9899	1.7833	2.8208
10	1.7042	1.3058	1.4348	1.4850	1.7583	1.3554	1.6308	0.8241
	1.6948	2.0474	1.8584	1.7937	1.6665	1.9735	1.7847	2.8921
11	1.3103	1.7149	1.4855	1.7540	1.5003	1.7029	1.6311	0.7547
	2.0310	1.6930	1.7932	1.6758	1.8023	1.7248	1.7915	3.3098
12	1.6562	1.3040	1.7585	1.4999	1.4141	1.6620	1.0695	
	1.7273	2.0501	1.6662	1.8031	1.9273	1.7793	2.3254	
13	1.2000	1.3330	1.3556	1.7024	1.6564	1.1126	0.7451	
	2.2088	1.9899	1.9733	1.7250	1.7846	2.6206	3.4603	
14	1.6036	1.6117	1.6316	1.6314	1.0677	0.7046		
	1.7750	1.7822	1.7835	1.7908	2.3321	3.5076		
15	0.8708	0.8553	0.8253	0.7557	F-SUB-Q			
	2.8044	2.8037	2.8877	3.2962	M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1871	1.3421	1.7028	1.3077	1.6535	1.1958	1.6003	0.8717
	2.1144	1.8291	1.5601	1.8707	1.5938	2.0427	1.6407	2.5847
9	1.3421	1.6845	1.3017	1.7135	1.3003	1.3289	1.6079	0.8534
	1.8291	1.5865	1.8884	1.5593	1.8903	1.8349	1.6466	2.5945
10	1.7028	1.3034	1.4319	1.4819	1.7583	1.3525	1.6295	0.8257
	1.5601	1.8865	1.7164	1.6582	1.5385	1.8257	1.6483	2.6557
11	1.3077	1.7140	1.4823	1.7542	1.4996	1.7024	1.6311	0.7560
	1.8707	1.5588	1.6576	1.5467	1.6639	1.5913	1.6526	3.0522
12	1.6535	1.3010	1.7585	1.4991	1.4144	1.6654	1.0755	
	1.5938	1.8895	1.5383	1.6647	1.7770	1.6371	2.1332	
13	1.1958	1.3286	1.3527	1.7020	1.6598	1.1147	0.7483	
	2.0427	1.8351	1.8255	1.5914	1.6420	2.4097	3.1777	
14	1.6003	1.6090	1.6304	1.6315	1.0739	0.7107		
	1.6407	1.6456	1.6473	1.6520	2.1392	3.2073		
15	0.8717	0.8579	0.8270	0.7569	F-SUB-Q			
	2.5847	2.5786	2.6517	3.0397	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1830	* 1.3389	* 1.6941	* 1.3049	* 1.6440	* 1.1915	* 1.5895	* 0.8821
	* 2.1221	* 1.8314	* 1.5678	* 1.8775	* 1.6068	* 2.0571	* 1.6575	* 2.5653
9	* 1.3389	* 1.6758	* 1.2990	* 1.7041	* 1.3100	* 1.3272	* 1.5974	* 0.8622
	* 1.8314	* 1.5933	* 1.8935	* 1.5687	* 1.8897	* 1.8453	* 1.6604	* 2.5788
10	* 1.6941	* 1.3005	* 1.4259	* 1.4770	* 1.7489	* 1.3485	* 1.6196	* 0.8348
	* 1.5678	* 1.8917	* 1.7205	* 1.6625	* 1.5496	* 1.8347	* 1.6578	* 2.6320
11	* 1.3049	* 1.7046	* 1.4775	* 1.7452	* 1.4958	* 1.6937	* 1.6225	* 0.7630
	* 1.8775	* 1.5682	* 1.6620	* 1.5588	* 1.6731	* 1.6036	* 1.6651	* 3.0244
12	* 1.6440	* 1.3107	* 1.7491	* 1.4953	* 1.4154	* 1.6575	* 1.0878	
	* 1.6068	* 1.8889	* 1.5492	* 1.6739	* 1.7740	* 1.6478	* 2.1155	
13	* 1.1915	* 1.3271	* 1.3484	* 1.6933	* 1.6519	* 1.1131	* 0.7564	
	* 2.0571	* 1.8454	* 1.8343	* 1.6037	* 1.6528	* 2.4197	* 3.1522	
14	* 1.5895	* 1.5985	* 1.6205	* 1.6229	* 1.0860	* 0.7246		
	* 1.6575	* 1.6591	* 1.6565	* 1.6643	* 2.1216	* 3.1546		
15	* 0.8821	* 0.8651	* 0.8361	* 0.7638	* F-SUB-Q			
	* 2.5653	* 2.5680	* 2.6281	* 3.0120	* M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1928	* 1.3503	* 1.7224	* 1.3144	* 1.6708	* 1.1989	* 1.6176	* 0.8717
	* 1.9541	* 1.6945	* 1.4419	* 1.7447	* 1.4805	* 1.9161	* 1.5262	* 2.4342
9	* 1.3503	* 1.7061	* 1.3083	* 1.7356	* 1.3061	* 1.3340	* 1.6248	* 0.8524
	* 1.6945	* 1.4602	* 1.7584	* 1.4404	* 1.7622	* 1.7125	* 1.5274	* 2.4498
10	* 1.7224	* 1.3100	* 1.4413	* 1.4914	* 1.7814	* 1.3586	* 1.6486	* 0.8230
	* 1.4419	* 1.7567	* 1.5937	* 1.5389	* 1.4182	* 1.6965	* 1.5187	* 2.4988
11	* 1.3144	* 1.7361	* 1.4919	* 1.7771	* 1.5108	* 1.7220	* 1.6514	* 0.7562
	* 1.7447	* 1.4400	* 1.5384	* 1.4266	* 1.5427	* 1.4689	* 1.5233	* 2.8483
12	* 1.6708	* 1.3069	* 1.7816	* 1.5103	* 1.4257	* 1.6913	* 1.0787	
	* 1.4805	* 1.7614	* 1.4179	* 1.5434	* 1.6418	* 1.5051	* 1.9898	
13	* 1.1989	* 1.3337	* 1.3590	* 1.7214	* 1.6856	* 1.1295	* 0.7504	
	* 1.9161	* 1.7127	* 1.6962	* 1.4688	* 1.5097	* 2.2185	* 2.9657	
14	* 1.6176	* 1.6259	* 1.6496	* 1.6519	* 1.0769	* 0.7091		
	* 1.5262	* 1.5262	* 1.5175	* 1.5225	* 1.9954	* 3.0085		
15	* 0.8717	* 0.8549	* 0.8243	* 0.7572	* F-SUB-Q			
	* 2.4342	* 2.4364	* 2.4952	* 2.8361	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1985	* 1.3579	* 1.7356	* 1.3215	* 1.6832	* 1.2047	* 1.6302	* 0.8763
	* 1.8298	* 1.5910	* 1.3520	* 1.6412	* 1.3897	* 1.8049	* 1.4324	* 2.2926
9	* 1.3579	* 1.7194	* 1.3152	* 1.7498	* 1.3132	* 1.3413	* 1.6372	* 0.8566
	* 1.5910	* 1.3674	* 1.6536	* 1.3500	* 1.6570	* 1.6101	* 1.4320	* 2.3069
10	* 1.7356	* 1.3171	* 1.4503	* 1.5012	* 1.7963	* 1.3661	* 1.6616	* 0.8268
	* 1.3520	* 1.6520	* 1.4969	* 1.4442	* 1.3228	* 1.5897	* 1.4200	* 2.3521
11	* 1.3215	* 1.7503	* 1.5017	* 1.7919	* 1.5211	* 1.7360	* 1.6648	* 0.7596
	* 1.6412	* 1.3496	* 1.4438	* 1.3279	* 1.4342	* 1.3662	* 1.4190	* 2.6759
12	* 1.6832	* 1.3140	* 1.7966	* 1.5206	* 1.4350	* 1.7059	* 1.0850	
	* 1.3897	* 1.6563	* 1.3226	* 1.4350	* 1.5188	* 1.3906	* 1.8509	
13	* 1.2047	* 1.3410	* 1.3665	* 1.7350	* 1.7000	* 1.1368	* 0.7538	
	* 1.8049	* 1.6103	* 1.5895	* 1.3663	* 1.3950	* 2.0567	* 2.7647	
14	* 1.6302	* 1.6384	* 1.6627	* 1.6653	* 1.0832	* 0.7120		
	* 1.4324	* 1.4309	* 1.4191	* 1.4185	* 1.8565	* 2.8061		
15	* 0.8763	* 0.8590	* 0.8281	* 0.7606	* F-SUB-Q			
	* 2.2926	* 2.2958	* 2.3487	* 2.6646	* M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1993	* 1.3576	* 1.7253	* 1.3240	* 1.6729	* 1.2055	* 1.6189	* 0.8943
	* 1.7342	* 1.5054	* 1.2864	* 1.5544	* 1.3249	* 1.7144	* 1.3683	* 2.1388
9	* 1.3576	* 1.7085	* 1.3186	* 1.7374	* 1.3311	* 1.3498	* 1.6271	* 0.8730
	* 1.5054	* 1.2997	* 1.5641	* 1.2840	* 1.5530	* 1.5195	* 1.3642	* 2.1529
10	* 1.7253	* 1.3202	* 1.4505	* 1.5023	* 1.7846	* 1.3710	* 1.6508	* 0.8451
	* 1.2864	* 1.5627	* 1.4146	* 1.3636	* 1.2561	* 1.4981	* 1.3482	* 2.1863
11	* 1.3240	* 1.7379	* 1.5028	* 1.7811	* 1.5221	* 1.7272	* 1.6546	* 0.7722
	* 1.5544	* 1.2836	* 1.3632	* 1.2602	* 1.3519	* 1.2943	* 1.3461	* 2.4941
12	* 1.6729	* 1.3318	* 1.7849	* 1.5215	* 1.4421	* 1.6915	* 1.1054	
	* 1.3249	* 1.5525	* 1.2559	* 1.3527	* 1.4251	* 1.3214	* 1.7145	
13	* 1.2055	* 1.3499	* 1.3709	* 1.7262	* 1.6855	* 1.1279	* 0.7657	
	* 1.7144	* 1.5194	* 1.4984	* 1.2945	* 1.3258	* 1.9570	* 2.5714	
14	* 1.6189	* 1.6283	* 1.6518	* 1.6550	* 1.1035	* 0.7319		
	* 1.3683	* 1.3632	* 1.3474	* 1.3457	* 1.7198	* 2.5788		
15	* 0.8943	* 0.8760	* 0.8465	* 0.7730	* F-SUB-Q			
	* 2.1388	* 2.1436	* 2.1833	* 2.4845	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1999	* 1.3596	* 1.7347	* 1.3209	* 1.6827	* 1.2077	* 1.6305	* 0.8793
	* 1.6514	* 1.4346	* 1.2201	* 1.4853	* 1.2563	* 1.6345	* 1.2961	* 2.0794
9	* 1.3596	* 1.7167	* 1.3156	* 1.7467	* 1.3147	* 1.3482	* 1.6394	* 0.8593
	* 1.4346	* 1.2331	* 1.4949	* 1.2181	* 1.4959	* 1.4497	* 1.2916	* 2.0913
10	* 1.7347	* 1.3175	* 1.4566	* 1.5101	* 1.7962	* 1.3701	* 1.6628	* 0.8309
	* 1.2201	* 1.4934	* 1.3465	* 1.2944	* 1.1897	* 1.4276	* 1.2763	* 2.1254
11	* 1.3209	* 1.7472	* 1.5106	* 1.7931	* 1.5294	* 1.7392	* 1.6654	* 0.7593
	* 1.4853	* 1.2177	* 1.2940	* 1.1932	* 1.2829	* 1.2249	* 1.2751	* 2.4241
12	* 1.6827	* 1.3155	* 1.7965	* 1.5288	* 1.4406	* 1.7003	* 1.0884	
	* 1.2563	* 1.4953	* 1.1895	* 1.2836	* 1.3601	* 1.2530	* 1.6614	
13	* 1.2077	* 1.3479	* 1.3705	* 1.7386	* 1.6939	* 1.1232	* 0.7533	
	* 1.6345	* 1.4500	* 1.4275	* 1.2252	* 1.2574	* 1.8729	* 2.4974	
14	* 1.6305	* 1.6405	* 1.6638	* 1.6658	* 1.0866	* 0.7121		
	* 1.2961	* 1.2907	* 1.2755	* 1.2747	* 1.6664	* 2.5330		
15	* 0.8793	* 0.8636	* 0.8322	* 0.7600	* F-SUB-Q			
	* 2.0794	* 2.0784	* 2.1225	* 2.4150	* M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1595	* 1.3104	* 1.6546	* 1.2701	* 1.6095	* 1.1667	* 1.5566	* 0.8459
	* 1.6484	* 1.4345	* 1.2314	* 1.4886	* 1.2654	* 1.6323	* 1.3089	* 2.0885
9	* 1.3104	* 1.6379	* 1.2662	* 1.6631	* 1.2665	* 1.3055	* 1.5685	* 0.8270
	* 1.4345	* 1.2447	* 1.4967	* 1.2317	* 1.4966	* 1.4444	* 1.3014	* 2.0993
10	* 1.6546	* 1.2679	* 1.4112	* 1.4604	* 1.7119	* 1.3239	* 1.5892	* 0.7990
	* 1.2314	* 1.4951	* 1.3395	* 1.2896	* 1.2017	* 1.4237	* 1.2869	* 2.1355
11	* 1.2701	* 1.6636	* 1.4608	* 1.7126	* 1.4794	* 1.6653	* 1.5888	* 0.7267
	* 1.4886	* 1.2313	* 1.2892	* 1.2029	* 1.2772	* 1.2316	* 1.2875	* 2.4476
12	* 1.6095	* 1.2673	* 1.7121	* 1.4785	* 1.3916	* 1.6144	* 1.0406	
	* 1.2654	* 1.4960	* 1.2015	* 1.2782	* 1.3569	* 1.2706	* 1.6757	
13	* 1.1667	* 1.3052	* 1.3242	* 1.6647	* 1.6077	* 1.0589	* 0.7247	
	* 1.6323	* 1.4446	* 1.4237	* 1.2320	* 1.2757	* 1.9161	* 2.5084	
14	* 1.5566	* 1.5696	* 1.5900	* 1.5889	* 1.0386	* 0.6795		
	* 1.3089	* 1.3005	* 1.2862	* 1.2874	* 1.6812	* 2.5653		
15	* 0.8459	* 0.8293	* 0.8002	* 0.7271	* F-SUB-Q			
	* 2.0885	* 2.0916	* 2.1327	* 2.4395	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 75% POWER, 490 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0105	* 1.1393	* 1.3979	* 1.0997	* 1.3664	* 1.0156	* 1.3153	* 0.7342
	* 1.8399	* 1.6030	* 1.4144	* 1.6705	* 1.4473	* 1.8239	* 1.5057	* 2.3446
9	* 1.1393	* 1.4049	* 1.0977	* 1.4277	* 1.0975	* 1.1404	* 1.3268	* 0.7115
	* 1.6030	* 1.4074	* 1.6775	* 1.3919	* 1.6772	* 1.6068	* 1.4953	* 2.3785
10	* 1.3979	* 1.0991	* 1.2480	* 1.2708	* 1.4716	* 1.1543	* 1.3416	* 0.6865
	* 1.4144	* 1.6758	* 1.4717	* 1.4375	* 1.3556	* 1.5860	* 1.4812	* 2.4225
11	* 1.0997	* 1.4281	* 1.2712	* 1.4697	* 1.2905	* 1.4126	* 1.3416	* 0.6159
	* 1.6705	* 1.3915	* 1.4372	* 1.3585	* 1.4209	* 1.4094	* 1.4813	* 2.8153
12	* 1.3664	* 1.0981	* 1.4716	* 1.2897	* 1.2122	* 1.3872	* 0.8843	
	* 1.4473	* 1.6766	* 1.3555	* 1.4221	* 1.5122	* 1.4355	* 1.9182	
13	* 1.0156	* 1.1402	* 1.1545	* 1.4119	* 1.3815	* 0.8783	* 0.6302	
	* 1.8239	* 1.6070	* 1.5861	* 1.4101	* 1.4412	* 2.2484	* 2.8132	
14	* 1.3153	* 1.3276	* 1.3421	* 1.3415	* 0.8825	* 0.5871		
	* 1.5057	* 1.4943	* 1.4806	* 1.4814	* 1.9247	* 2.8951		
15	* 0.7342	* 0.7136	* 0.6875	* 0.6153	F-SUB-Q			
	* 2.3446	* 2.3694	* 2.4194	* 2.8097	M-SUB-Q			

AT 75% POWER, 490 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5164	* 0.5534	* 0.6477	* 0.5597	* 0.6338	* 0.5168	* 0.5780	* 0.3490
	* 3.5184	* 3.2200	* 2.9770	* 3.2034	* 3.0451	* 3.5047	* 3.3456	* 4.8292
9	* 0.5534	* 0.6386	* 0.5586	* 0.6566	* 0.5585	* 0.5381	* 0.5836	* 0.3383
	* 3.2200	* 3.0189	* 3.2173	* 2.9479	* 3.2168	* 3.3246	* 3.3177	* 4.8981
10	* 0.6477	* 0.5592	* 0.5845	* 0.5970	* 0.6705	* 0.5599	* 0.5875	* 0.3299
	* 2.9770	* 3.2150	* 3.0645	* 2.9826	* 2.8962	* 3.1896	* 3.3007	* 4.9373
11	* 0.5597	* 0.6568	* 0.5972	* 0.6755	* 0.6042	* 0.6512	* 0.5832	* 0.2998
	* 3.2034	* 2.9470	* 2.9819	* 2.8769	* 2.9572	* 2.9806	* 3.3280	* 5.6675
12	* 0.6338	* 0.5587	* 0.6705	* 0.6038	* 0.5681	* 0.6241	* 0.4240	
	* 3.0451	* 3.2160	* 2.8961	* 2.9599	* 3.1472	* 3.1102	* 3.9109	
13	* 0.5168	* 0.5381	* 0.5599	* 0.6506	* 0.6217	* 0.5354	* 0.2965	
	* 3.5047	* 3.3248	* 3.1903	* 2.9829	* 3.1218	* 3.6163	* 5.8667	
14	* 0.5780	* 0.5840	* 0.5877	* 0.5829	* 0.4230	* 0.2846		
	* 3.3456	* 3.3155	* 3.2999	* 3.3294	* 3.9257	* 5.8627		
15	* 0.3490	* 0.3394	* 0.3303	* 0.2995	F-SUB-Q			
	* 4.8292	* 4.8780	* 4.9312	* 5.6574	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3266	* 0.4363	* 0.5405	* 0.4895	* 0.5669	* 0.4814	* 0.5097	* 0.2917
	* 5.5886	* 5.4674	* 4.6277	* 5.0859	* 4.3860	* 5.1852	* 4.9155	* 7.9256
9	* 0.4363	* 0.5062	* 0.4739	* 0.5524	* 0.4880	* 0.4825	* 0.5077	* 0.2837
	* 5.4674	* 4.8284	* 5.2976	* 4.5358	* 5.0972	* 5.1690	* 4.9286	* 8.0556
10	* 0.5405	* 0.4740	* 0.5035	* 0.5091	* 0.5440	* 0.4709	* 0.4861	* 0.2735
	* 4.6277	* 5.2961	* 4.9808	* 4.8537	* 4.4809	* 5.1971	* 5.0803	* 8.2295
11	* 0.4895	* 0.5522	* 0.5090	* 0.5372	* 0.4678	* 0.4811	* 0.4338	* 0.2191
	* 5.0859	* 4.5377	* 4.8571	* 4.3781	* 4.8449	* 4.6331	* 5.4761	* 10.2677
12	* 0.5669	* 0.4878	* 0.5437	* 0.4676	* 0.3505	* 0.3535	* 0.2707	
	* 4.3860	* 5.0999	* 4.4876	* 4.8517	* 5.2119	* 5.2599	* 7.1570	
13	* 0.4814	* 0.4820	* 0.4705	* 0.4803	* 0.3524	* 0.2389	* 0.1363	
	* 5.1852	* 5.1740	* 5.2088	* 4.6485	* 5.2908	* 6.5918	* 12.4250	
14	* 0.5097	* 0.5077	* 0.4859	* 0.4332	* 0.2698	* 0.1324		
	* 4.9155	* 4.9297	* 5.0839	* 5.4941	* 7.1940	* 12.7979		
15	* 0.2917	* 0.2846	* 0.2736	* 0.2187	F-SUB-Q			
	* 7.9256	* 8.0369	* 8.2272	* 10.2801	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7167	* 1.0064	* 1.3100	* 1.0819	* 1.3918	* 1.0964	* 1.3525	* 0.7015
	* 2.6315	* 2.4167	* 1.9773	* 2.3840	* 1.8532	* 2.3544	* 1.9156	* 3.4076
9	* 1.0064	* 1.2137	* 1.0608	* 1.2718	* 1.0899	* 1.1924	* 1.3567	* 0.6890
	* 2.4167	* 2.0751	* 2.4460	* 2.0425	* 2.3646	* 2.1649	* 1.9074	* 3.4276
10	* 1.3100	* 1.0615	* 1.2436	* 1.2253	* 1.2610	* 1.1237	* 1.3051	* 0.6575
	* 1.9773	* 2.4446	* 2.0879	* 2.0902	* 1.9930	* 2.2587	* 1.9608	* 3.5386
11	* 1.0819	* 1.2715	* 1.2251	* 1.2287	* 1.1097	* 1.2179	* 1.1498	* 0.5245
	* 2.3840	* 2.0431	* 2.0916	* 1.9326	* 2.0416	* 1.8891	* 2.0936	* 4.4471
12	* 1.3918	* 1.0895	* 1.2601	* 1.1090	* 0.8354	* 0.8894	* 0.6565	
	* 1.8532	* 2.3660	* 1.9961	* 2.0448	* 2.1660	* 2.1147	* 3.0578	
13	* 1.0964	* 1.1912	* 1.1230	* 1.2158	* 0.8863	* 0.4032	* 0.3480	
	* 2.3544	* 2.1672	* 2.2644	* 1.8956	* 2.1330	* 4.2036	* 5.0248	
14	* 1.3525	* 1.3566	* 1.3044	* 1.1482	* 0.6543	* 0.3330		
	* 1.9156	* 1.9077	* 1.9622	* 2.1005	* 3.0738	* 5.2532		
15	* 0.7015	* 0.6909	* 0.6579	* 0.5237	F-SUB-Q			
	* 3.4076	* 3.4189	* 3.5372	* 4.4526	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8710	* 1.1681	* 1.3034	* 1.2721	* 1.4831	* 1.3371	* 1.4975	* 0.8223
	* 2.2407	* 2.1172	* 2.0436	* 2.0852	* 1.7850	* 1.9789	* 1.7684	* 2.9661
9	* 1.1681	* 1.4199	* 1.2808	* 1.4532	* 1.3171	* 1.4572	* 1.5347	* 0.8227
	* 2.1172	* 1.8657	* 2.0803	* 1.8363	* 2.0097	* 1.8179	* 1.7217	* 2.9275
10	* 1.3034	* 1.2818	* 1.5056	* 1.4617	* 1.4333	* 1.3740	* 1.4758	* 0.7837
	* 2.0436	* 2.0786	* 1.7688	* 1.8178	* 1.7974	* 1.9162	* 1.7810	* 3.0457
11	* 1.2721	* 1.4535	* 1.4618	* 1.4360	* 1.3083	* 1.3207	* 1.3503	* 0.6410
	* 2.0852	* 1.8360	* 1.8181	* 1.7641	* 1.7462	* 1.8254	* 1.8273	* 3.7374
12	* 1.4831	* 1.3165	* 1.4327	* 1.3071	* 1.0231	* 1.0534	* 0.7937	
	* 1.7850	* 2.0108	* 1.8001	* 1.7495	* 1.8181	* 1.7878	* 2.6060	
13	* 1.3371	* 1.4558	* 1.3732	* 1.3187	* 1.0474	* 0.5140	* 0.4364	
	* 1.9789	* 1.8197	* 1.9177	* 1.8332	* 1.8038	* 3.4226	* 4.1389	
14	* 1.4975	* 1.5345	* 1.4750	* 1.3481	* 0.7908	* 0.4133		
	* 1.7684	* 1.7221	* 1.7822	* 1.8339	* 2.6205	* 4.3723		
15	* 0.8223	* 0.8251	* 0.7841	* 0.6399	F-SUB-Q			
	* 2.9661	* 2.9189	* 3.0443	* 3.7473	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9562	* 1.2592	* 1.4185	* 1.3684	* 1.6507	* 1.4691	* 1.6740	* 0.8745
	* 2.1256	* 2.0226	* 1.9432	* 2.0048	* 1.6560	* 1.8586	* 1.6289	* 2.8711
9	* 1.2592	* 1.5796	* 1.3952	* 1.6095	* 1.4388	* 1.6142	* 1.7184	* 0.8775
	* 2.0226	* 1.7377	* 1.9715	* 1.7115	* 1.9007	* 1.6935	* 1.5844	* 2.8274
10	* 1.4185	* 1.3967	* 1.6585	* 1.6010	* 1.5948	* 1.5213	* 1.6565	* 0.8337
	* 1.9432	* 1.9693	* 1.6563	* 1.7172	* 1.6866	* 1.7877	* 1.6384	* 2.9554
11	* 1.3684	* 1.6099	* 1.6011	* 1.5906	* 1.4321	* 1.4751	* 1.5147	* 0.6891
	* 2.0048	* 1.7111	* 1.7171	* 1.6398	* 1.6324	* 1.6960	* 1.6861	* 3.6023
12	* 1.6507	* 1.4381	* 1.5935	* 1.4307	* 1.1286	* 1.1907	* 0.8496	
	* 1.6560	* 1.9017	* 1.6893	* 1.6364	* 1.6994	* 1.6495	* 2.5314	
13	* 1.4691	* 1.6125	* 1.5203	* 1.4725	* 1.1826	* 0.5947	* 0.4755	
	* 1.8586	* 1.6953	* 1.7892	* 1.7040	* 1.6653	* 3.1069	* 3.9626	
14	* 1.6740	* 1.7181	* 1.6555	* 1.5120	* 0.8462	* 0.4492		
	* 1.6289	* 1.5848	* 1.6395	* 1.6926	* 2.5464	* 4.1973		
15	* 0.8745	* 0.8805	* 0.8342	* 0.6880	F-SUB-Q			
	* 2.8711	* 2.8185	* 2.9539	* 3.6088	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9959	* 1.3017	* 1.4741	* 1.4112	* 1.7285	* 1.5238	* 1.7595	* 0.9080
	* 2.1614	* 2.0529	* 1.9495	* 2.0314	* 1.6504	* 1.8695	* 1.6148	* 2.8824
9	* 1.3017	* 1.6463	* 1.4391	* 1.6768	* 1.4889	* 1.6780	* 1.8106	* 0.9097
	* 2.0529	* 1.7409	* 1.9915	* 1.7113	* 1.9179	* 1.6994	* 1.5661	* 2.8444
10	* 1.4741	* 1.4410	* 1.7160	* 1.6547	* 1.6703	* 1.5870	* 1.7495	* 0.8647
	* 1.9495	* 1.9889	* 1.6672	* 1.7295	* 1.6841	* 1.7838	* 1.6154	* 2.9743
11	* 1.4112	* 1.6773	* 1.6549	* 1.6594	* 1.4931	* 1.5579	* 1.6061	* 0.7202
	* 2.0314	* 1.7107	* 1.7295	* 1.6323	* 1.6330	* 1.6835	* 1.6634	* 3.5889
12	* 1.7285	* 1.4882	* 1.6688	* 1.4914	* 1.1861	* 1.2682	* 0.8961	
	* 1.6504	* 1.9189	* 1.6870	* 1.6373	* 1.7055	* 1.6335	* 2.5228	
13	* 1.5238	* 1.6761	* 1.5857	* 1.5549	* 1.2593	* 0.6386	* 0.5014	
	* 1.8695	* 1.7014	* 1.7857	* 1.6921	* 1.6502	* 3.0638	* 3.9672	
14	* 1.7595	* 1.8102	* 1.7483	* 1.6028	* 0.8923	* 0.4730		
	* 1.6148	* 1.5666	* 1.6169	* 1.6702	* 2.5386	* 4.2081		
15	* 0.9080	* 0.9130	* 0.8652	* 0.7190	F-SUB-Q			
	* 2.8824	* 2.8341	* 2.9727	* 3.5947	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0179	* 1.3250	* 1.5023	* 1.4340	* 1.7658	* 1.5508	* 1.8031	* 0.9308
	* 2.2485	* 2.1313	* 2.0153	* 2.1108	* 1.7069	* 1.9406	* 1.6625	* 2.9676
9	* 1.3250	* 1.6781	* 1.4610	* 1.7089	* 1.5139	* 1.7093	* 1.8604	* 0.9307
	* 2.1313	* 1.7899	* 2.0658	* 1.7676	* 1.9917	* 1.7602	* 1.6055	* 2.9353
10	* 1.5023	* 1.4631	* 1.7442	* 1.6815	* 1.7092	* 1.6239	* 1.8014	* 0.8874
	* 2.0153	* 2.0630	* 1.7266	* 1.7909	* 1.7299	* 1.8327	* 1.6486	* 3.0577
11	* 1.4340	* 1.7096	* 1.6817	* 1.6940	* 1.5301	* 1.6072	* 1.6615	* 0.7433
	* 2.1108	* 1.7669	* 1.7908	* 1.6810	* 1.6847	* 1.7279	* 1.6953	* 3.6551
12	* 1.7658	* 1.5131	* 1.7075	* 1.5281	* 1.2238	* 1.3155	* 0.9337	
	* 1.7069	* 1.9929	* 1.7346	* 1.6894	* 1.7656	* 1.6794	* 2.5750	
13	* 1.5508	* 1.7073	* 1.6224	* 1.6038	* 1.3060	* 0.6662	* 0.5221	
	* 1.9406	* 1.7625	* 1.8349	* 1.7370	* 1.6972	* 3.1505	* 4.0842	
14	* 1.8031	* 1.8599	* 1.8001	* 1.6578	* 0.9295	* 0.4919		
	* 1.6625	* 1.6063	* 1.6503	* 1.7025	* 2.5914	* 4.3373		
15	* 0.9308	* 0.9341	* 0.8879	* 0.7418	F-SUB-Q			
	* 2.9676	* 2.9242	* 3.0569	* 3.6630	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0369	1.3539	1.5385	1.4578	1.8086	1.5792	1.8520	0.9428
	2.3463	2.2137	2.0879	2.2137	1.7773	2.0335	1.7268	3.1308
9	1.3539	1.7201	1.4878	1.7505	1.5407	1.7442	1.9142	0.9427
	2.2137	1.8496	2.1605	1.8373	2.0853	1.8368	1.6599	3.0927
10	1.5385	1.4901	1.7801	1.7161	1.7557	1.6644	1.8580	0.8974
	2.0879	2.1572	1.7985	1.8648	1.7744	1.9010	1.6987	3.2174
11	1.4578	1.7512	1.7163	1.7389	1.5747	1.6650	1.7230	0.7562
	2.2137	1.8367	1.8648	1.7388	1.7479	1.7789	1.7304	3.8039
12	1.8086	1.5399	1.7538	1.5725	1.2561	1.3700	0.9558	
	1.7773	2.0866	1.7802	1.7529	1.8356	1.7344	2.6969	
13	1.5792	1.7420	1.6627	1.6612	1.3597	0.6972	0.5370	
	2.0335	1.8394	1.9035	1.7884	1.7532	3.2633	4.2989	
14	1.8520	1.9135	1.8563	1.7187	0.9513	0.5047		
	1.7268	1.6608	1.7011	1.7376	2.7141	4.5761		
15	0.9428	0.9460	0.8977	0.7546	F-SUB-Q			
	3.1308	3.0847	3.2167	3.8144	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0597	1.3793	1.5617	1.4723	1.8329	1.5955	1.8803	0.9517
	2.4971	2.3552	2.2178	2.3673	1.8931	2.1725	1.8314	3.3279
9	1.3793	1.7498	1.5068	1.7778	1.5567	1.7651	1.9481	0.9518
	2.3552	1.9579	2.2928	1.9443	2.2276	1.9533	1.7572	3.2955
10	1.5617	1.5094	1.8064	1.7406	1.7864	1.6930	1.8966	0.9070
	2.2178	2.2891	1.9040	1.9740	1.8692	2.0076	1.7837	3.4289
11	1.4723	1.7786	1.7407	1.7720	1.6156	1.7113	1.7731	0.7694
	2.3673	1.9436	1.9740	1.8263	1.8368	1.8666	1.8156	4.0110
12	1.8329	1.5559	1.7843	1.6131	1.2958	1.4251	0.9844	
	1.8931	2.2292	1.8756	1.8424	1.9346	1.8192	2.8407	
13	1.5955	1.7627	1.6910	1.7069	1.4138	0.7315	0.5575	
	2.1725	1.9558	2.0110	1.8771	1.8392	3.4360	4.5487	
14	1.8803	1.9473	1.8946	1.7679	0.9794	0.5232		
	1.8314	1.7583	1.7869	1.8236	2.8594	4.8484		
15	0.9517	0.9548	0.9073	0.7676	F-SUB-Q			
	3.3279	3.2824	3.4284	4.0209	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1071	* 1.4187	* 1.5910	* 1.4881	* 1.8601	* 1.6124	* 1.9102	* 0.9575
	* 2.7216	* 2.5389	* 2.3697	* 2.5445	* 2.0036	* 2.2994	* 1.9291	* 3.5249
9	* 1.4187	* 1.7892	* 1.5302	* 1.8119	* 1.5740	* 1.7879	* 1.9839	* 0.9584
	* 2.5389	* 2.0936	* 2.4684	* 2.0841	* 2.3811	* 2.0857	* 1.8632	* 3.4921
10	* 1.5910	* 1.5329	* 1.8397	* 1.7708	* 1.8232	* 1.7245	* 1.9395	* 0.9139
	* 2.3697	* 2.4641	* 2.0440	* 2.1194	* 2.0015	* 2.1505	* 1.9003	* 3.6638
11	* 1.4881	* 1.8127	* 1.7710	* 1.8153	* 1.6764	* 1.7688	* 1.8344	* 0.7809
	* 2.5445	* 2.0833	* 2.1194	* 1.9604	* 1.9754	* 1.9999	* 1.9367	* 4.3082
12	* 1.8601	* 1.5731	* 1.8208	* 1.6736	* 1.3685	* 1.5212	* 1.0165	
	* 2.0036	* 2.3822	* 2.0080	* 1.9816	* 2.0890	* 1.9503	* 3.0760	
13	* 1.6124	* 1.7854	* 1.7222	* 1.7637	* 1.5077	* 0.7878	* 0.5855	
	* 2.2994	* 2.0883	* 2.1544	* 2.0114	* 1.9719	* 3.6821	* 4.9158	
14	* 1.9102	* 1.9828	* 1.9366	* 1.8282	* 1.0110	* 0.5485		
	* 1.9291	* 1.8637	* 1.9041	* 1.9448	* 3.0966	* 5.2490		
15	* 0.9575	* 0.9608	* 0.9140	* 0.7788	* F-SUB-Q			
	* 3.5249	* 3.4779	* 3.6614	* 4.3197	* M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2121	* 1.4469	* 1.5843	* 1.4821	* 1.8428	* 1.6021	* 1.8935	* 0.9649
	* 3.0135	* 2.8066	* 2.6334	* 2.7666	* 2.1786	* 2.4902	* 2.0953	* 3.7552
9	* 1.4469	* 1.7904	* 1.5312	* 1.8059	* 1.5661	* 1.7786	* 1.9748	* 0.9648
	* 2.8066	* 2.3301	* 2.7408	* 2.3189	* 2.5819	* 2.2600	* 2.0167	* 3.7253
10	* 1.5843	* 1.5339	* 1.8425	* 1.7718	* 1.8193	* 1.7272	* 1.9418	* 0.9282
	* 2.6334	* 2.7360	* 2.2693	* 2.3523	* 2.2069	* 2.3463	* 2.0744	* 3.8698
11	* 1.4821	* 1.8067	* 1.7719	* 1.8222	* 1.7259	* 1.7915	* 1.8604	* 0.7984
	* 2.7666	* 2.3191	* 2.3523	* 2.1766	* 2.1918	* 2.2143	* 2.1303	* 4.6327
12	* 1.8428	* 1.5652	* 1.8167	* 1.7225	* 1.5138	* 1.6634	* 1.0723	
	* 2.1786	* 2.5831	* 2.2144	* 2.1986	* 2.3291	* 2.1726	* 3.3197	
13	* 1.6021	* 1.7760	* 1.7245	* 1.7856	* 1.6470	* 0.8508	* 0.6262	
	* 2.4902	* 2.2626	* 2.3485	* 2.2268	* 2.1969	* 4.1159	* 5.3738	
14	* 1.8935	* 1.9735	* 1.9385	* 1.8535	* 1.0660	* 0.5870		
	* 2.0953	* 2.0172	* 2.0760	* 2.1395	* 3.3413	* 5.7337		
15	* 0.9649	* 0.9667	* 0.9282	* 0.7960	* F-SUB-Q			
	* 3.7552	* 3.7101	* 3.8673	* 4.6399	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3631	* 1.5029	* 1.6240	* 1.4977	* 1.8764	* 1.6194	* 1.9301	* 0.9611
	* 3.3295	* 3.0993	* 2.7833	* 2.9227	* 2.2810	* 2.6186	* 2.1834	* 3.9896
9	* 1.5029	* 1.8422	* 1.5572	* 1.8494	* 1.5841	* 1.8049	* 2.0168	* 0.9638
	* 3.0993	* 2.5206	* 2.9216	* 2.4439	* 2.7279	* 2.3799	* 2.1071	* 3.9597
10	* 1.6240	* 1.5602	* 1.8820	* 1.8076	* 1.8850	* 1.7622	* 1.9948	* 0.9224
	* 2.7833	* 2.9158	* 2.4339	* 2.5138	* 2.3677	* 2.4748	* 2.1727	* 4.1574
11	* 1.4977	* 1.8503	* 1.8077	* 1.8786	* 1.8406	* 1.8691	* 1.9360	* 0.8014
	* 2.9227	* 2.4460	* 2.5133	* 2.3718	* 2.3955	* 2.4106	* 2.3205	* 4.9684
12	* 1.8764	* 1.5830	* 1.8789	* 1.8359	* 1.6970	* 1.8358	* 1.0992	
	* 2.2810	* 2.7290	* 2.3698	* 2.4032	* 2.5474	* 2.3595	* 3.7125	
13	* 1.6194	* 1.8023	* 1.7591	* 1.8623	* 1.8163	* 0.9415	* 0.6553	
	* 2.6186	* 2.3818	* 2.4769	* 2.4246	* 2.3860	* 4.4810	* 5.9826	
14	* 1.9301	* 2.0153	* 1.9909	* 1.9280	* 1.0922	* 0.6125		
	* 2.1834	* 2.1076	* 2.1741	* 2.3308	* 3.7370	* 6.4006		
15	* 0.9611	* 0.9656	* 0.9223	* 0.7988	F-SUB-Q			
	* 3.9896	* 3.9429	* 4.1542	* 4.9754	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4114	* 1.5254	* 1.6412	* 1.4949	* 1.8755	* 1.6150	* 1.9306	* 0.9580
	* 3.4220	* 3.1776	* 2.9587	* 3.1344	* 2.4366	* 2.7985	* 2.3263	* 4.2512
9	* 1.5254	* 1.8559	* 1.5613	* 1.8573	* 1.5812	* 1.8067	* 2.0226	* 0.9616
	* 3.1776	* 2.6224	* 3.1189	* 2.6153	* 2.9229	* 2.5433	* 2.2438	* 4.2223
10	* 1.6412	* 1.5645	* 1.8913	* 1.8147	* 1.9171	* 1.7703	* 2.0104	* 0.9219
	* 2.9587	* 3.1130	* 2.5769	* 2.6863	* 2.5242	* 2.6438	* 2.3127	* 4.4330
11	* 1.4949	* 1.8582	* 1.8147	* 1.9298	* 1.9058	* 1.9040	* 1.9707	* 0.8065
	* 3.1344	* 2.6159	* 2.6864	* 2.4939	* 2.5251	* 2.5362	* 2.4553	* 5.3066
12	* 1.8755	* 1.5799	* 1.9105	* 1.9006	* 1.7772	* 1.9176	* 1.1264	
	* 2.4366	* 2.9239	* 2.5320	* 2.5328	* 2.7008	* 2.4984	* 3.9442	
13	* 1.6150	* 1.8037	* 1.7669	* 1.8965	* 1.8964	* 0.9903	* 0.6789	
	* 2.7985	* 2.5443	* 2.6459	* 2.5494	* 2.5266	* 4.7752	* 6.4314	
14	* 1.9306	* 2.0208	* 2.0061	* 1.9619	* 1.1189	* 0.6340		
	* 2.3263	* 2.2441	* 2.3141	* 2.4667	* 3.9715	* 6.8852		
15	* 0.9580	* 0.9634	* 0.9216	* 0.8037	F-SUB-Q			
	* 4.2512	* 4.2039	* 4.4291	* 5.3134	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4098	* 1.5150	* 1.6218	* 1.4735	* 1.8420	* 1.5895	* 1.8976	* 0.9538
	* 3.4498	* 3.2030	* 2.8815	* 3.0328	* 2.3883	* 2.7577	* 2.3090	* 4.2097
9	* 1.5150	* 1.8317	* 1.5437	* 1.8306	* 1.5576	* 1.7826	* 1.9944	* 0.9573
	* 3.2030	* 2.6029	* 3.0216	* 2.5475	* 2.8539	* 2.5042	* 2.2400	* 4.1963
10	* 1.6218	* 1.5468	* 1.8704	* 1.7935	* 1.9057	* 1.7518	* 1.9896	* 0.9233
	* 2.8815	* 3.0153	* 2.5191	* 2.6241	* 2.4998	* 2.6313	* 2.3198	* 4.4033
11	* 1.4735	* 1.8315	* 1.7935	* 1.9326	* 1.9130	* 1.8973	* 1.9629	* 0.8111
	* 3.0328	* 2.5459	* 2.6235	* 2.5160	* 2.5429	* 2.5581	* 2.4720	* 5.3239
12	* 1.8420	* 1.5562	* 1.8987	* 1.9072	* 1.7885	* 1.9280	* 1.1483	
	* 2.3883	* 2.8550	* 2.5022	* 2.5505	* 2.7238	* 2.5200	* 3.9018	
13	* 1.5895	* 1.7791	* 1.7482	* 1.8861	* 1.9058	* 0.9984	* 0.6933	
	* 2.7577	* 2.5074	* 2.6338	* 2.5719	* 2.5491	* 4.8246	* 6.3960	
14	* 1.8976	* 1.9925	* 1.9851	* 1.9536	* 1.1403	* 0.6476		
	* 2.3090	* 2.2403	* 2.3215	* 2.4837	* 3.9293	* 6.8445		
15	* 0.9538	* 0.9582	* 0.9230	* 0.8080	* F-SUB-Q			
	* 4.2097	* 4.1783	* 4.4001	* 5.3329	* M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4116	* 1.5165	* 1.6316	* 1.4653	* 1.8473	* 1.5833	* 1.9063	* 0.9372
	* 3.2893	* 3.0378	* 2.7436	* 2.9155	* 2.2771	* 2.6445	* 2.1976	* 4.0971
9	* 1.5165	* 1.8426	* 1.5407	* 1.8395	* 1.5511	* 1.7822	* 2.0052	* 0.9423
	* 3.0378	* 2.4726	* 2.8941	* 2.4248	* 2.7414	* 2.3994	* 2.1329	* 4.0826
10	* 1.6316	* 1.5436	* 1.8727	* 1.7943	* 1.9255	* 1.7546	* 2.0059	* 0.9050
	* 2.7436	* 2.8875	* 2.4047	* 2.5097	* 2.3816	* 2.5174	* 2.2065	* 4.3103
11	* 1.4653	* 1.8404	* 1.7943	* 1.9575	* 1.9333	* 1.9236	* 1.9877	* 0.7984
	* 2.9155	* 2.4231	* 2.5090	* 2.4061	* 2.4430	* 2.4371	* 2.3484	* 5.1914
12	* 1.8472	* 1.5497	* 1.9180	* 1.9266	* 1.8061	* 1.9589	* 1.1324	
	* 2.2771	* 2.7425	* 2.3840	* 2.4502	* 2.6262	* 2.4036	* 3.7938	
13	* 1.5833	* 1.7788	* 1.7507	* 1.9114	* 1.9360	* 1.0152	* 0.6870	
	* 2.6445	* 2.4025	* 2.5200	* 2.4469	* 2.4306	* 4.5686	* 6.1616	
14	* 1.9063	* 2.0031	* 2.0010	* 1.9779	* 1.1242	* 0.6398		
	* 2.1976	* 2.1333	* 2.2083	* 2.3591	* 3.8196	* 6.6120		
15	* 0.9372	* 0.9431	* 0.9038	* 0.7952	* F-SUB-Q			
	* 4.0971	* 4.0648	* 4.3072	* 5.2002	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3925	* 1.4967	* 1.6131	* 1.4416	* 1.8238	* 1.5586	* 1.8851	* 0.9196
	* 3.0458	* 2.8138	* 2.5390	* 2.7202	* 2.1298	* 2.4834	* 2.0569	* 3.8387
9	* 1.4967	* 1.8221	* 1.5189	* 1.8180	* 1.5267	* 1.7586	* 1.9852	* 0.9253
	* 2.8138	* 2.2861	* 2.6909	* 2.2505	* 2.5691	* 2.2519	* 1.9966	* 3.8264
10	* 1.6131	* 1.5219	* 1.8490	* 1.7704	* 1.9105	* 1.7339	* 1.9898	* 0.8888
	* 2.5390	* 2.6845	* 2.2366	* 2.3394	* 2.2208	* 2.3576	* 2.0613	* 4.0379
11	* 1.4416	* 1.8190	* 1.7704	* 1.9449	* 1.9199	* 1.9130	* 1.9778	* 0.7854
	* 2.7202	* 2.2489	* 2.3388	* 2.2148	* 2.2500	* 2.2433	* 2.1592	* 4.8387
12	* 1.8238	* 1.5253	* 1.9029	* 1.9130	* 1.7917	* 1.9503	* 1.1165	
	* 2.1298	* 2.5700	* 2.2230	* 2.2570	* 2.4234	* 2.2109	* 3.5209	
13	* 1.5586	* 1.7551	* 1.7299	* 1.9005	* 1.9270	* 1.0111	* 0.6780	
	* 2.4834	* 2.2548	* 2.3600	* 2.2534	* 2.2362	* 4.2046	* 5.7244	
14	* 1.8851	* 1.9830	* 1.9848	* 1.9677	* 1.1082	* 0.6306		
	* 2.0569	* 1.9971	* 2.0629	* 2.1696	* 3.5458	* 6.1509		
15	* 0.9196	* 0.9260	* 0.8875	* 0.7825	F-SUB-Q			
	* 3.8387	* 3.8096	* 4.0350	* 4.8456	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3621	* 1.4643	* 1.5788	* 1.4082	* 1.7837	* 1.5227	* 1.8453	* 0.9012
	* 2.8419	* 2.6217	* 2.3325	* 2.5039	* 1.9590	* 2.2868	* 1.8913	* 3.5318
9	* 1.4643	* 1.7837	* 1.4853	* 1.7793	* 1.4913	* 1.7201	* 1.9460	* 0.9063
	* 2.6217	* 2.0955	* 2.4708	* 2.0653	* 2.3655	* 2.0715	* 1.8321	* 3.5236
10	* 1.5788	* 1.4883	* 1.8103	* 1.7321	* 1.8748	* 1.6981	* 1.9529	* 0.8713
	* 2.3325	* 2.4648	* 2.0493	* 2.1470	* 2.0391	* 2.1638	* 1.8884	* 3.7102
11	* 1.4082	* 1.7803	* 1.7320	* 1.9104	* 1.8859	* 1.8795	* 1.9442	* 0.7719
	* 2.5039	* 2.0638	* 2.1465	* 2.0697	* 2.1027	* 2.0909	* 2.0091	* 4.4292
12	* 1.7837	* 1.4899	* 1.8670	* 1.8790	* 1.7578	* 1.9174	* 1.1017	
	* 1.9590	* 2.3665	* 2.0413	* 2.1090	* 2.2704	* 2.0683	* 3.2756	
13	* 1.5227	* 1.7166	* 1.6939	* 1.8669	* 1.8941	* 0.9928	* 0.6670	
	* 2.2868	* 2.0743	* 2.1662	* 2.0999	* 2.0923	* 3.9430	* 5.3637	
14	* 1.8453	* 1.9437	* 1.9477	* 1.9340	* 1.0934	* 0.6200		
	* 1.8913	* 1.8327	* 1.8901	* 2.0188	* 3.2990	* 5.7665		
15	* 0.9012	* 0.9070	* 0.8700	* 0.7686	F-SUB-Q			
	* 3.5318	* 3.5081	* 3.7079	* 4.4380	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3191	* 1.4181	* 1.5252	* 1.3638	* 1.7225	* 1.4733	* 1.7829	* 0.8815
	* 2.8722	* 2.6512	* 2.3611	* 2.5296	* 1.9864	* 2.3146	* 1.9177	* 3.5437
9	* 1.4181	* 1.7235	* 1.4384	* 1.7192	* 1.4431	* 1.6645	* 1.8833	* 0.8857
	* 2.6512	* 2.1156	* 2.4892	* 2.0878	* 2.3917	* 2.0954	* 1.8523	* 3.5390
10	* 1.5252	* 1.4418	* 1.7538	* 1.6768	* 1.8147	* 1.6454	* 1.8917	* 0.8538
	* 2.3611	* 2.4831	* 2.0631	* 2.1646	* 2.0629	* 2.1817	* 1.9054	* 3.6999
11	* 1.3638	* 1.7202	* 1.6768	* 1.8509	* 1.8303	* 1.8209	* 1.8855	* 0.7582
	* 2.5296	* 2.0862	* 2.1641	* 2.0973	* 2.1262	* 2.1188	* 2.0322	* 4.4078
12	* 1.7225	* 1.4417	* 1.8070	* 1.8235	* 1.7041	* 1.8584	* 1.0876	
	* 1.9864	* 2.3927	* 2.0653	* 2.1326	* 2.2984	* 2.0957	* 3.2594	
13	* 1.4733	* 1.6609	* 1.6413	* 1.8084	* 1.8353	* 0.9621	* 0.6557	
	* 2.3146	* 2.0983	* 2.1845	* 2.1281	* 2.1206	* 4.0002	* 5.3659	
14	* 1.7829	* 1.8810	* 1.8865	* 1.8753	* 1.0792	* 0.6101		
	* 1.9177	* 1.8530	* 1.9075	* 2.0422	* 3.2831	* 5.7631		
15	* 0.8815	* 0.8863	* 0.8532	* 0.7548	F-SUB-Q			
	* 3.5437	* 3.5236	* 3.6981	* 4.4180	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2919	* 1.3911	* 1.5063	* 1.3333	* 1.6998	* 1.4428	* 1.7614	* 0.8495
	* 2.6571	* 2.4350	* 2.1791	* 2.3621	* 1.8398	* 2.1602	* 1.7753	* 3.3693
9	* 1.3911	* 1.7031	* 1.4102	* 1.6977	* 1.4124	* 1.6337	* 1.8597	* 0.8544
	* 2.4350	* 1.9454	* 2.3121	* 1.9247	* 2.2325	* 1.9504	* 1.7128	* 3.3575
10	* 1.5063	* 1.4133	* 1.7248	* 1.6470	* 1.7930	* 1.6153	* 1.8691	* 0.8208
	* 2.1791	* 2.3060	* 1.9067	* 2.0046	* 1.9045	* 2.0241	* 1.7574	* 3.5307
11	* 1.3333	* 1.6988	* 1.6470	* 1.8286	* 1.8025	* 1.8010	* 1.8649	* 0.7284
	* 2.3621	* 1.9232	* 2.0041	* 1.9378	* 1.9708	* 1.9347	* 1.8531	* 4.1778
12	* 1.6998	* 1.4110	* 1.7853	* 1.7955	* 1.6747	* 1.8373	* 1.0404	
	* 1.8398	* 2.2335	* 1.9069	* 1.9768	* 2.1293	* 1.9361	* 3.0974	
13	* 1.4428	* 1.6301	* 1.6111	* 1.7884	* 1.8144	* 0.9496	* 0.6292	
	* 2.1602	* 1.9534	* 2.0270	* 1.9430	* 1.9596	* 3.6954	* 5.1150	
14	* 1.7614	* 1.8573	* 1.8639	* 1.8546	* 1.0323	* 0.5836		
	* 1.7753	* 1.7137	* 1.7596	* 1.8621	* 3.1196	* 5.5110		
15	* 0.8495	* 0.8550	* 0.8196	* 0.7252	F-SUB-Q			
	* 3.3693	* 3.3460	* 3.5293	* 4.1881	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2490	* 1.3452	* 1.4579	* 1.2875	* 1.6435	* 1.3931	* 1.7033	* 0.8190
	* 2.4865	* 2.3052	* 2.0691	* 2.2546	* 1.7562	* 2.0668	* 1.6959	* 3.2350
9	* 1.3452	* 1.6498	* 1.3641	* 1.6442	* 1.3638	* 1.5785	* 1.7988	* 0.8235
	* 2.3052	* 1.8379	* 2.1926	* 1.8246	* 2.1319	* 1.8608	* 1.6321	* 3.2199
10	* 1.4579	* 1.3672	* 1.6716	* 1.5944	* 1.7347	* 1.5611	* 1.8081	* 0.7909
	* 2.0691	* 2.1868	* 1.8023	* 1.8988	* 1.8092	* 1.9237	* 1.6688	* 3.3817
11	* 1.2875	* 1.6452	* 1.5944	* 1.7706	* 1.7454	* 1.7430	* 1.8039	* 0.7019
	* 2.2546	* 1.8232	* 1.8984	* 1.8123	* 1.8409	* 1.8309	* 1.7535	* 3.9808
12	* 1.6435	* 1.3625	* 1.7271	* 1.7385	* 1.6193	* 1.7776	* 1.0031	
	* 1.7562	* 2.1330	* 1.8118	* 1.8476	* 1.9886	* 1.8098	* 2.9273	
13	* 1.3931	* 1.5748	* 1.5571	* 1.7307	* 1.7552	* 0.9162	* 0.6054	
	* 2.0668	* 1.8637	* 1.9268	* 1.8386	* 1.8318	* 3.4725	* 4.8192	
14	* 1.7033	* 1.7965	* 1.8030	* 1.7938	* 0.9953	* 0.5612		
	* 1.6959	* 1.6331	* 1.6720	* 1.7612	* 2.9491	* 5.1955		
15	* 0.8190	* 0.8241	* 0.7896	* 0.6987	F-SUB-Q			
	* 3.2350	* 3.2118	* 3.3809	* 3.9917	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1890	* 1.2789	* 1.3766	* 1.2253	* 1.5494	* 1.3226	* 1.6033	* 0.7891
	* 2.4293	* 2.2200	* 2.0327	* 2.2069	* 1.7384	* 2.0327	* 1.6824	* 3.1420
9	* 1.2789	* 1.5593	* 1.2994	* 1.5547	* 1.2959	* 1.4986	* 1.6952	* 0.7924
	* 2.2200	* 1.7950	* 2.1309	* 1.7889	* 2.0911	* 1.8272	* 1.6132	* 3.1288
10	* 1.3766	* 1.3025	* 1.5922	* 1.5175	* 1.6354	* 1.4807	* 1.7031	* 0.7645
	* 2.0327	* 2.1254	* 1.7502	* 1.8472	* 1.7760	* 1.8815	* 1.6426	* 3.2512
11	* 1.2253	* 1.5557	* 1.5175	* 1.6728	* 1.6563	* 1.6421	* 1.6964	* 0.6777
	* 2.2069	* 1.7876	* 1.8468	* 1.7801	* 1.7986	* 1.7820	* 1.7073	* 3.8224
12	* 1.5494	* 1.2946	* 1.6282	* 1.6498	* 1.5364	* 1.6740	* 0.9736	
	* 1.7384	* 2.0922	* 1.7820	* 1.8053	* 1.9393	* 1.7798	* 2.8016	
13	* 1.3226	* 1.4948	* 1.4768	* 1.6305	* 1.6526	* 0.8582	* 0.5834	
	* 2.0327	* 1.8301	* 1.8848	* 1.7894	* 1.8020	* 3.4254	* 4.6339	
14	* 1.6033	* 1.6931	* 1.6983	* 1.6869	* 0.9659	* 0.5420		
	* 1.6824	* 1.6143	* 1.6457	* 1.7154	* 2.8214	* 4.9851		
15	* 0.7891	* 0.7930	* 0.7639	* 0.6745	F-SUB-Q			
	* 3.1420	* 3.1219	* 3.2509	* 3.8342	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1411	* 1.2291	* 1.3239	* 1.1761	* 1.4830	* 1.2662	* 1.5323	* 0.7451
	* 2.3207	* 2.1419	* 1.9791	* 2.1647	* 1.7136	* 2.0035	* 1.6618	* 3.1478
9	* 1.2291	* 1.4988	* 1.2489	* 1.4949	* 1.2421	* 1.4369	* 1.6166	* 0.7485
	* 2.1419	* 1.7426	* 2.0768	* 1.7441	* 2.0556	* 1.7958	* 1.5931	* 3.1258
10	* 1.3239	* 1.2518	* 1.5343	* 1.4616	* 1.5652	* 1.4172	* 1.6230	* 0.7183
	* 1.9791	* 2.0715	* 1.6986	* 1.7950	* 1.7249	* 1.8432	* 1.6156	* 3.2711
11	* 1.1761	* 1.4958	* 1.4616	* 1.6014	* 1.5888	* 1.5703	* 1.6139	* 0.6346
	* 2.1647	* 1.7428	* 1.7947	* 1.7171	* 1.7320	* 1.7308	* 1.6705	* 3.8259
12	* 1.4830	* 1.2409	* 1.5584	* 1.5827	* 1.4737	* 1.5966	* 0.9083	
	* 1.7136	* 2.0568	* 1.7315	* 1.7373	* 1.8782	* 1.7325	* 2.7721	
13	* 1.2662	* 1.4333	* 1.4136	* 1.5594	* 1.5767	* 0.8115	* 0.5443	
	* 2.0035	* 1.7988	* 1.8467	* 1.7384	* 1.7533	* 3.3892	* 4.6338	
14	* 1.5323	* 1.6146	* 1.6184	* 1.6049	* 0.9011	* 0.5044		
	* 1.6618	* 1.5944	* 1.6189	* 1.6788	* 2.7923	* 4.9976		
15	* 0.7451	* 0.7490	* 0.7171	* 0.6316	* F-SUB-Q			
	* 3.1478	* 3.1188	* 3.2712	* 3.8384	* M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0473	* 1.1458	* 1.2283	* 1.1008	* 1.3543	* 1.1642	* 1.3965	* 0.6966
	* 2.3844	* 2.1660	* 1.9540	* 2.2055	* 1.7916	* 2.0821	* 1.7423	* 3.2241
9	* 1.1458	* 1.3675	* 1.1549	* 1.3692	* 1.1466	* 1.3157	* 1.4700	* 0.6964
	* 2.1660	* 1.8088	* 2.1327	* 1.8089	* 2.1238	* 1.8741	* 1.6709	* 3.2096
10	* 1.2283	* 1.1577	* 1.4087	* 1.3518	* 1.4397	* 1.2996	* 1.4751	* 0.6678
	* 1.9540	* 2.1275	* 1.7550	* 1.8421	* 1.7746	* 1.9115	* 1.6888	* 3.3567
11	* 1.1008	* 1.3700	* 1.3516	* 1.4646	* 1.4593	* 1.4385	* 1.4693	* 0.5838
	* 2.2055	* 1.8077	* 1.8419	* 1.7654	* 1.7707	* 1.7841	* 1.7330	* 3.9541
12	* 1.3543	* 1.1456	* 1.4364	* 1.4547	* 1.3532	* 1.4512	* 0.8414	
	* 1.7916	* 2.1251	* 1.7808	* 1.7759	* 1.9162	* 1.7872	* 2.8249	
13	* 1.1642	* 1.3125	* 1.2961	* 1.4289	* 1.4337	* 0.7231	* 0.4969	
	* 2.0821	* 1.8771	* 1.9153	* 1.7914	* 1.8083	* 3.5588	* 4.7698	
14	* 1.3965	* 1.4681	* 1.4710	* 1.4613	* 0.8349	* 0.4594		
	* 1.7423	* 1.6723	* 1.6924	* 1.7412	* 2.8457	* 5.1559		
15	* 0.6966	* 0.6975	* 0.6667	* 0.5810	* F-SUB-Q			
	* 3.2241	* 3.2029	* 3.3572	* 3.9682	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8399	* 0.9608	* 1.2081	* 0.9235	* 1.2486	* 0.9404	* 1.2424	* 0.5972
	* 2.8396	* 2.4678	* 1.9540	* 2.5361	* 1.8750	* 2.4889	* 1.8899	* 3.6417
9	* 0.9608	* 1.1658	* 0.9405	* 1.1626	* 0.9434	* 1.0589	* 1.2775	* 0.5826
	* 2.4678	* 2.0397	* 2.5201	* 2.0454	* 2.5104	* 2.2426	* 1.8565	* 3.7054
10	* 1.2081	* 0.9424	* 1.1353	* 1.1283	* 1.2400	* 1.0620	* 1.2777	* 0.5625
	* 1.9540	* 2.5149	* 2.0951	* 2.1326	* 1.9534	* 2.2831	* 1.8715	* 3.8482
11	* 0.9235	* 1.1617	* 1.1270	* 1.2732	* 1.1941	* 1.3355	* 1.2255	* 0.4818
	* 2.5361	* 2.0449	* 2.1338	* 1.9245	* 2.0734	* 1.8341	* 1.9871	* 4.6188
12	* 1.2486	* 0.9427	* 1.2371	* 1.1908	* 1.0902	* 1.1705	* 0.7089	
	* 1.8750	* 2.5120	* 1.9573	* 2.0787	* 2.2792	* 2.1223	* 3.2217	
13	* 0.9404	* 1.0568	* 1.0580	* 1.3281	* 1.1565	* 0.5590	* 0.4013	
	* 2.4889	* 2.2462	* 2.2879	* 1.8433	* 2.1474	* 4.4160	* 5.6729	
14	* 1.2424	* 1.2757	* 1.2746	* 1.2192	* 0.7035	* 0.3706		
	* 1.8899	* 1.8583	* 1.8751	* 1.9961	* 3.2443	* 6.1397		
15	* 0.5972	* 0.5839	* 0.5620	* 0.4795	F-SUB-Q			
	* 3.6417	* 3.6935	* 3.8492	* 4.6363	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3562	* 0.3941	* 0.4667	* 0.4006	* 0.4732	* 0.3961	* 0.4356	* 0.2431
	* 6.4479	* 5.8009	* 4.8706	* 5.6685	* 4.7854	* 5.7328	* 5.2154	* 8.6726
9	* 0.3941	* 0.4517	* 0.4025	* 0.4714	* 0.4107	* 0.4077	* 0.4426	* 0.2360
	* 5.8009	* 5.0618	* 5.6924	* 4.8668	* 5.6120	* 5.6376	* 5.1778	* 8.8670
10	* 0.4667	* 0.4030	* 0.4321	* 0.4456	* 0.4970	* 0.4274	* 0.4423	* 0.2295
	* 4.8706	* 5.6847	* 5.3325	* 5.2273	* 4.7024	* 5.4722	* 5.2207	* 9.1420
11	* 0.4006	* 0.4713	* 0.4452	* 0.5065	* 0.4578	* 0.4918	* 0.4227	* 0.1995
	* 5.6685	* 4.8679	* 5.2305	* 4.6378	* 5.1602	* 4.7908	* 5.5540	* 10.8018
12	* 0.4732	* 0.4104	* 0.4959	* 0.4567	* 0.4207	* 0.4255	* 0.2901	
	* 4.7854	* 5.6159	* 4.7113	* 5.1707	* 5.6617	* 5.6186	* 7.5792	
13	* 0.3961	* 0.4068	* 0.4257	* 0.4892	* 0.4216	* 0.3212	* 0.1577	
	* 5.7328	* 5.6482	* 5.4891	* 4.8141	* 5.6686	* 7.4758	* 14.0121	
14	* 0.4356	* 0.4420	* 0.4412	* 0.4205	* 0.2879	* 0.1506		
	* 5.2154	* 5.1831	* 5.2312	* 5.5794	* 7.6326	* 14.6629		
15	* 0.2431	* 0.2365	* 0.2293	* 0.1985	F-SUB-Q			
	* 8.6726	* 8.8392	* 9.1456	* 10.8449	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.2985	* 0.3973	* 0.4954	* 0.4479	* 0.5191	* 0.4382	* 0.4705	* 0.2698
	* 6.1043	* 5.9665	* 5.0978	* 5.6380	* 4.8587	* 5.7754	* 5.4207	* 8.6865
9	* 0.3973	* 0.4644	* 0.4318	* 0.5076	* 0.4465	* 0.4415	* 0.4692	* 0.2630
	* 5.9665	* 5.2511	* 5.8851	* 5.0055	* 5.6487	* 5.7209	* 5.4334	* 8.8231
10	* 0.4954	* 0.4319	* 0.4584	* 0.4667	* 0.5018	* 0.4331	* 0.4511	* 0.2542
	* 5.0978	* 5.8833	* 5.4367	* 5.2520	* 4.8044	* 5.5850	* 5.5433	* 8.9480
11	* 0.4479	* 0.5075	* 0.4666	* 0.4943	* 0.4286	* 0.4469	* 0.4052	* 0.2049
	* 5.6380	* 5.0075	* 5.2558	* 4.7121	* 5.2180	* 4.9425	* 5.8041	* 10.9152
12	* 0.5191	* 0.4463	* 0.5015	* 0.4284	* 0.3220	* 0.3313	* 0.2533	*
	* 4.8587	* 5.6515	* 4.8113	* 5.2255	* 5.5843	* 5.5749	* 7.5725	*
13	* 0.4382	* 0.4411	* 0.4327	* 0.4462	* 0.3303	* 0.2249	* 0.1289	*
	* 5.7754	* 5.7263	* 5.5979	* 4.9589	* 5.6073	* 6.9650	* 13.0380	*
14	* 0.4705	* 0.4691	* 0.4509	* 0.4046	* 0.2524	* 0.1252	*	*
	* 5.4207	* 5.4343	* 5.5472	* 5.8232	* 7.6117	* 13.4264	*	*
15	* 0.2698	* 0.2638	* 0.2543	* 0.2046	* F-SUB-Q			
	* 8.6865	* 8.7971	* 8.9456	* 10.9431	* M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6604	* 0.9311	* 1.2174	* 1.0035	* 1.2839	* 1.0094	* 1.2573	* 0.6581
	* 2.8644	* 2.6058	* 2.1481	* 2.6081	* 2.0364	* 2.5901	* 2.0994	* 3.6916
9	* 0.9311	* 1.1205	* 0.9755	* 1.1882	* 1.0086	* 1.0994	* 1.2614	* 0.6458
	* 2.6058	* 2.2326	* 2.6843	* 2.2172	* 2.5921	* 2.3784	* 2.0811	* 3.6941
10	* 1.2174	* 0.9761	* 1.1375	* 1.1344	* 1.1803	* 1.0434	* 1.2184	* 0.6180
	* 2.1481	* 2.6828	* 2.2710	* 2.2393	* 2.1108	* 2.4005	* 2.1271	* 3.8040
11	* 1.0035	* 1.1879	* 1.1341	* 1.1393	* 1.0333	* 1.1401	* 1.0820	* 0.4961
	* 2.6081	* 2.2180	* 2.2409	* 2.0510	* 2.1798	* 2.0018	* 2.2047	* 4.6489
12	* 1.2839	* 1.0082	* 1.1795	* 1.0326	* 0.7751	* 0.8432	* 0.6206	*
	* 2.0364	* 2.5931	* 2.1141	* 2.1831	* 2.3093	* 2.2327	* 3.2040	*
13	* 1.0094	* 1.0983	* 1.0428	* 1.1382	* 0.8403	* 0.3878	* 0.3308	*
	* 2.5901	* 2.3808	* 2.4064	* 2.0086	* 2.2509	* 4.3444	* 5.2509	*
14	* 1.2573	* 1.2613	* 1.2178	* 1.0803	* 0.6185	* 0.3166	*	*
	* 2.0994	* 2.0814	* 2.1286	* 2.2119	* 3.2208	* 5.4893	*	*
15	* 0.6581	* 0.6475	* 0.6182	* 0.4953	* F-SUB-Q			
	* 3.6916	* 3.6847	* 3.8027	* 4.6609	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8167	* 1.1137	* 1.2724	* 1.2114	* 1.4203	* 1.2558	* 1.4333	* 0.7945
	* 2.4084	* 2.2313	* 2.1056	* 2.2216	* 1.8909	* 2.1349	* 1.8712	* 3.1005
9	* 1.1137	* 1.3386	* 1.1967	* 1.3784	* 1.2396	* 1.3675	* 1.4814	* 0.7917
	* 2.2313	* 1.9723	* 2.2469	* 1.9557	* 2.1646	* 1.9625	* 1.8071	* 3.0729
10	* 1.2724	* 1.1978	* 1.3924	* 1.3699	* 1.3751	* 1.3032	* 1.4325	* 0.7565
	* 2.1056	* 2.2451	* 1.9176	* 1.9182	* 1.8598	* 2.0140	* 1.8553	* 3.1885
11	* 1.2114	* 1.3781	* 1.3699	* 1.3592	* 1.2461	* 1.2875	* 1.3124	* 0.6215
	* 2.2216	* 1.9562	* 1.9196	* 1.8368	* 1.8299	* 1.8608	* 1.8610	* 3.8152
12	* 1.4203	* 1.2390	* 1.3745	* 1.2450	* 0.9663	* 1.0171	* 0.7710	
	* 1.8909	* 2.1658	* 1.8624	* 1.8332	* 1.9140	* 1.8445	* 2.6620	
13	* 1.2558	* 1.3662	* 1.3024	* 1.2854	* 1.0114	* 0.5034	* 0.4203	
	* 2.1349	* 1.9645	* 2.0192	* 1.8679	* 1.8604	* 3.4760	* 4.2766	
14	* 1.4333	* 1.4812	* 1.4318	* 1.3102	* 0.7682	* 0.3995		
	* 1.8712	* 1.8075	* 1.8588	* 1.8678	* 2.6769	* 4.5022		
15	* 0.7945	* 0.7940	* 0.7568	* 0.6205	F-SUB-Q			
	* 3.1004	* 3.0641	* 3.1872	* 3.8256	M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9111	* 1.2254	* 1.4193	* 1.3307	* 1.6122	* 1.4001	* 1.6355	* 0.8645
	* 2.2609	* 2.1039	* 1.9628	* 2.0915	* 1.7187	* 1.9761	* 1.6887	* 2.9337
9	* 1.2254	* 1.5132	* 1.3216	* 1.5488	* 1.3752	* 1.5349	* 1.6949	* 0.8632
	* 2.1039	* 1.8103	* 2.1097	* 1.8000	* 2.0159	* 1.8044	* 1.6271	* 2.9037
10	* 1.4193	* 1.3231	* 1.5521	* 1.5195	* 1.5486	* 1.4654	* 1.6441	* 0.8222
	* 1.9628	* 2.1075	* 1.7847	* 1.7994	* 1.7054	* 1.8712	* 1.6717	* 3.0280
11	* 1.3307	* 1.5486	* 1.5196	* 1.5303	* 1.3881	* 1.4727	* 1.5114	* 0.6820
	* 2.0915	* 1.8003	* 1.8010	* 1.6779	* 1.6893	* 1.6902	* 1.6787	* 3.6058
12	* 1.6122	* 1.3746	* 1.5473	* 1.3867	* 1.0842	* 1.1742	* 0.8437	
	* 1.7187	* 2.0169	* 1.7106	* 1.6931	* 1.7696	* 1.6729	* 2.5337	
13	* 1.4001	* 1.5333	* 1.4644	* 1.4701	* 1.1669	* 0.5930	* 0.4650	
	* 1.9761	* 1.8064	* 1.8764	* 1.6973	* 1.6881	* 3.1079	* 4.0430	
14	* 1.6355	* 1.6947	* 1.6431	* 1.5085	* 0.8403	* 0.4404		
	* 1.6887	* 1.6276	* 1.6730	* 1.6852	* 2.5487	* 4.2716		
15	* 0.8645	* 0.8662	* 0.8226	* 0.6808	F-SUB-Q			
	* 2.9337	* 2.8944	* 3.0267	* 3.6156	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9649	* 1.2855	* 1.4989	* 1.3922	* 1.7116	* 1.4696	* 1.7430	* 0.9117
	* 2.2760	* 2.1090	* 1.9392	* 2.0880	* 1.6896	* 1.9637	* 1.6505	* 2.8988
9	* 1.2855	* 1.5965	* 1.3793	* 1.6380	* 1.4405	* 1.6132	* 1.8110	* 0.9085
	* 2.1090	* 1.7958	* 2.0994	* 1.7716	* 2.0088	* 1.7861	* 1.5854	* 2.8758
10	* 1.4989	* 1.3811	* 1.6229	* 1.5892	* 1.6428	* 1.5476	* 1.7614	* 0.8657
	* 1.9392	* 2.0967	* 1.7813	* 1.7981	* 1.6751	* 1.8420	* 1.6161	* 3.0001
11	* 1.3922	* 1.6379	* 1.5893	* 1.6157	* 1.4666	* 1.5792	* 1.6287	* 0.7234
	* 2.0880	* 1.7725	* 1.7998	* 1.6513	* 1.6723	* 1.6497	* 1.6328	* 3.5578
12	* 1.7116	* 1.4399	* 1.6413	* 1.4649	* 1.1573	* 1.2716	* 0.9035	
	* 1.6896	* 2.0098	* 1.6806	* 1.6767	* 1.7574	* 1.6366	* 2.4901	
13	* 1.4696	* 1.6114	* 1.5464	* 1.5761	* 1.2631	* 0.6467	* 0.4969	
	* 1.9637	* 1.7880	* 1.8443	* 1.6571	* 1.6524	* 3.0277	* 4.0024	
14	* 1.7430	* 1.8107	* 1.7602	* 1.6253	* 0.8997	* 0.4707		
	* 1.6505	* 1.5860	* 1.6180	* 1.6395	* 2.5056	* 4.2277		
15	* 0.9117	* 0.9117	* 0.8661	* 0.7221	F-SUB-Q			
	* 2.8988	* 2.8657	* 2.9988	* 3.5675	M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9972	* 1.3222	* 1.5444	* 1.4289	* 1.7678	* 1.5088	* 1.8042	* 0.9451
	* 2.3505	* 2.1671	* 1.9685	* 2.1372	* 1.7242	* 2.0140	* 1.6809	* 2.9489
9	* 1.3222	* 1.6418	* 1.4122	* 1.6881	* 1.4777	* 1.6572	* 1.8796	* 0.9397
	* 2.1671	* 1.8310	* 2.1473	* 1.7972	* 2.0579	* 1.8159	* 1.6002	* 2.9327
10	* 1.5444	* 1.4142	* 1.6624	* 1.6301	* 1.6968	* 1.5978	* 1.8320	* 0.8981
	* 1.9685	* 2.1442	* 1.8196	* 1.8440	* 1.7029	* 1.8653	* 1.6235	* 3.0309
11	* 1.4289	* 1.6880	* 1.6297	* 1.6638	* 1.5165	* 1.6468	* 1.7038	* 0.7544
	* 2.1372	* 1.7982	* 1.8457	* 1.6870	* 1.7123	* 1.6715	* 1.6484	* 3.5747
12	* 1.7678	* 1.4770	* 1.6951	* 1.5146	* 1.2065	* 1.3337	* 0.9511	
	* 1.7242	* 2.0592	* 1.7086	* 1.7168	* 1.8052	* 1.6673	* 2.5168	
13	* 1.5088	* 1.6556	* 1.5963	* 1.6433	* 1.3243	* 0.6817	* 0.5221	
	* 2.0140	* 1.8180	* 1.8679	* 1.6793	* 1.6840	* 3.0843	* 4.0838	
14	* 1.8042	* 1.8791	* 1.8306	* 1.6999	* 0.9469	* 0.4941		
	* 1.6809	* 1.6012	* 1.6260	* 1.6555	* 2.5327	* 4.3178		
15	* 0.9451	* 0.9431	* 0.8985	* 0.7529	F-SUB-Q			
	* 2.9489	* 2.9221	* 3.0307	* 3.5842	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0201	* 1.3578	* 1.5932	* 1.4623	* 1.8234	* 1.5462	* 1.8662	* 0.9647 *
	* 2.4402	* 2.2322	* 2.0206	* 2.2188	* 1.7760	* 2.0866	* 1.7267	* 3.0789 *
9	* 1.3578	* 1.6915	* 1.4455	* 1.7401	* 1.5127	* 1.7043	* 1.9483	* 0.9590 *
	* 2.2322	* 1.8835	* 2.2222	* 1.8432	* 2.1349	* 1.8713	* 1.6367	* 3.0497 *
10	* 1.5932	* 1.4477	* 1.7043	* 1.6749	* 1.7534	* 1.6471	* 1.9032	* 0.9149 *
	* 2.0206	* 2.2188	* 1.8784	* 1.8945	* 1.7364	* 1.9128	* 1.6505	* 3.1540 *
11	* 1.4623	* 1.7400	* 1.6745	* 1.7167	* 1.5679	* 1.7173	* 1.7800	* 0.7729 *
	* 2.2188	* 1.8443	* 1.8963	* 1.7360	* 1.7676	* 1.7035	* 1.6719	* 3.6963 *
12	* 1.8234	* 1.5120	* 1.7516	* 1.5657	* 1.2427	* 1.3952	* 0.9792 *	
	* 1.7760	* 2.1362	* 1.7422	* 1.7718	* 1.8689	* 1.7127	* 2.6178 *	
13	* 1.5462	* 1.7028	* 1.6454	* 1.7133	* 1.3851	* 0.7162	* 0.5390 *	
	* 2.0866	* 1.8737	* 1.9159	* 1.7116	* 1.7302	* 3.1750	* 4.2734 *	
14	* 1.8662	* 1.9476	* 1.9016	* 1.7756	* 0.9747	* 0.5090 *		
	* 1.7267	* 1.6378	* 1.6533	* 1.6790	* 2.6344	* 4.5284 *		
15	* 0.9647	* 0.9625	* 0.9153	* 0.7712	* F-SUB-Q			
	* 3.0789	* 3.0437	* 3.1542	* 3.7058	* M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0408	* 1.3846	* 1.6249	* 1.4834	* 1.8569	* 1.5705	* 1.9044	* 0.9795 *
	* 2.5914	* 2.3680	* 2.1278	* 2.3560	* 1.8785	* 2.2116	* 1.8211	* 3.2534 *
9	* 1.3846	* 1.7248	* 1.4679	* 1.7732	* 1.5343	* 1.7349	* 1.9927	* 0.9734 *
	* 2.3680	* 1.9849	* 2.3516	* 1.9396	* 2.2661	* 1.9755	* 1.7197	* 3.2285 *
10	* 1.6249	* 1.4704	* 1.7330	* 1.7058	* 1.7906	* 1.6811	* 1.9516	* 0.9298 *
	* 2.1278	* 2.3477	* 1.9837	* 2.0006	* 1.8223	* 2.0094	* 1.7241	* 3.3345 *
11	* 1.4834	* 1.7725	* 1.7053	* 1.7535	* 1.6092	* 1.7706	* 1.8378	* 0.7898 *
	* 2.3560	* 1.9408	* 2.0016	* 1.8182	* 1.8538	* 1.7816	* 1.7471	* 3.8775 *
12	* 1.8569	* 1.5335	* 1.7886	* 1.6067	* 1.2787	* 1.4483	* 1.0097 *	
	* 1.8785	* 2.2676	* 1.8287	* 1.8589	* 1.9646	* 1.7902	* 2.7467 *	
13	* 1.5705	* 1.7332	* 1.6792	* 1.7661	* 1.4374	* 0.7484	* 0.5584 *	
	* 2.2116	* 1.9782	* 2.0129	* 1.7904	* 1.8087	* 3.3300	* 4.5043 *	
14	* 1.9044	* 1.9919	* 1.9497	* 1.8329	* 1.0048	* 0.5266 *		
	* 1.8211	* 1.7211	* 1.7273	* 1.7548	* 2.7647	* 4.7789 *		
15	* 0.9795	* 0.9769	* 0.9301	* 0.7879	* F-SUB-Q			
	* 3.2534	* 3.2228	* 3.3350	* 3.8873	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0722	* 1.4179	* 1.6595	* 1.5032	* 1.8904	* 1.5924	* 1.9412	* 0.9894
	* 2.8215	* 2.5406	* 2.2757	* 2.5364	* 1.9931	* 2.3362	* 1.9135	* 3.4348
9	* 1.4179	* 1.7640	* 1.4922	* 1.8113	* 1.5550	* 1.7646	* 2.0362	* 0.9837
	* 2.5406	* 2.1205	* 2.5291	* 2.0733	* 2.4282	* 2.1205	* 1.8294	* 3.4223
10	* 1.6595	* 1.4948	* 1.7657	* 1.7395	* 1.8311	* 1.7155	* 2.0017	* 0.9404
	* 2.2757	* 2.5246	* 2.1281	* 2.1417	* 1.9449	* 2.1485	* 1.8325	* 3.5798
11	* 1.5032	* 1.8105	* 1.7389	* 1.7972	* 1.6615	* 1.8306	* 1.9004	* 0.8036
	* 2.5364	* 2.0747	* 2.1429	* 1.9494	* 1.9919	* 1.9045	* 1.8573	* 4.1556
12	* 1.8904	* 1.5541	* 1.8288	* 1.6587	* 1.3304	* 1.5230	* 1.0401	*
	* 1.9931	* 2.4293	* 1.9514	* 1.9976	* 2.1199	* 1.9165	* 2.9679	*
13	* 1.5924	* 1.7626	* 1.7133	* 1.8255	* 1.5109	* 0.7947	* 0.5825	*
	* 2.3362	* 2.1236	* 2.1525	* 1.9141	* 1.9365	* 3.5622	* 4.8590	*
14	* 1.9412	* 2.0352	* 1.9988	* 1.8947	* 1.0347	* 0.5481	*	*
	* 1.9135	* 1.8300	* 1.8362	* 1.8651	* 2.9876	* 5.1669	*	*
15	* 0.9894	* 0.9867	* 0.9405	* 0.8015	* F-SUB-Q			
	* 3.4348	* 3.4090	* 3.5778	* 4.1668	* M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1433	* 1.4397	* 1.6582	* 1.5001	* 1.8787	* 1.5863	* 1.9285	* 1.0002
	* 3.1152	* 2.8093	* 2.5286	* 2.7463	* 2.1622	* 2.5260	* 2.0763	* 3.6545
9	* 1.4397	* 1.7657	* 1.4937	* 1.8088	* 1.5504	* 1.7623	* 2.0310	* 0.9930
	* 2.8093	* 2.3593	* 2.8087	* 2.2979	* 2.6234	* 2.2914	* 1.9777	* 3.6462
10	* 1.6582	* 1.4964	* 1.7686	* 1.7445	* 1.8464	* 1.7216	* 2.0074	* 0.9577
	* 2.5286	* 2.8036	* 2.3627	* 2.3693	* 2.1436	* 2.3658	* 2.0192	* 3.7750
11	* 1.5001	* 1.8079	* 1.7438	* 1.8051	* 1.7026	* 1.8541	* 1.9240	* 0.8234
	* 2.7463	* 2.2977	* 2.3715	* 2.1606	* 2.2045	* 2.0972	* 2.0423	* 4.4993
12	* 1.8787	* 1.5496	* 1.8413	* 1.6995	* 1.4360	* 1.6216	* 1.0946	*
	* 2.1622	* 2.6244	* 2.1509	* 2.2101	* 2.3586	* 2.1291	* 3.1967	*
13	* 1.5863	* 1.7602	* 1.7190	* 1.8482	* 1.6072	* 0.8472	* 0.6200	*
	* 2.5260	* 2.2934	* 2.3682	* 2.1075	* 2.1515	* 3.9783	* 5.3061	*
14	* 1.9285	* 2.0298	* 2.0041	* 1.9177	* 1.0885	* 0.5841	*	*
	* 2.0763	* 1.9783	* 2.0209	* 2.0511	* 3.2172	* 5.6343	*	*
15	* 1.0002	* 0.9956	* 0.9578	* 0.8210	* F-SUB-Q			
	* 3.6545	* 3.6320	* 3.7729	* 4.5104	* M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2585	1.4940	1.6990	1.5172	1.9144	1.6057	1.9689	0.9984
	3.4489	3.1083	2.6687	2.9024	2.2631	2.6551	2.1602	3.8770
9	1.4940	1.8172	1.5198	1.8540	1.5690	1.7923	2.0788	0.9939
	3.1083	2.5470	2.9912	2.4066	2.7746	2.4124	2.0634	3.8704
10	1.6990	1.5227	1.8063	1.7829	1.9263	1.7589	2.0669	0.9539
	2.6687	2.9852	2.5320	2.5451	2.3446	2.4960	2.1128	4.0504
11	1.5172	1.8530	1.7820	1.8788	1.7897	1.9417	2.0067	0.8281
	2.9024	2.4062	2.5455	2.3592	2.4165	2.2897	2.2273	4.8266
12	1.9144	1.5680	1.9203	1.7860	1.5898	1.8123	1.1255	
	2.2631	2.7756	2.3528	2.4228	2.5866	2.3179	3.5783	
13	1.6057	1.7898	1.7559	1.9330	1.7946	0.9457	0.6509	
	2.6551	2.4143	2.4981	2.3012	2.3423	4.3302	5.9053	
14	1.9689	2.0773	2.0631	1.9988	1.1187	0.6115		
	2.1602	2.0638	2.1143	2.2371	3.6016	6.2878		
15	0.9984	0.9958	0.9538	0.8255	F-SUB-Q			
	3.8770	3.8547	4.0476	4.8336	M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3533	1.5210	1.7096	1.5158	1.9154	1.6034	1.9719	0.9971
	3.5295	3.1723	2.8126	3.0727	2.4094	2.8376	2.3013	4.1304
9	1.5210	1.8331	1.5250	1.8646	1.5673	1.7958	2.0882	0.9936
	3.1723	2.6491	3.1600	2.5510	2.9568	2.5784	2.1970	4.1263
10	1.7096	1.5280	1.8164	1.7939	1.9663	1.7706	2.0874	0.9553
	2.8126	3.1534	2.6771	2.7117	2.4504	2.6661	2.2491	4.3178
11	1.5158	1.8634	1.7930	1.9242	1.8746	1.9960	2.0496	0.8355
	3.0727	2.5505	2.7133	2.4748	2.5394	2.4027	2.3528	5.1518
12	1.9154	1.5663	1.9596	1.8698	1.7289	1.9311	1.1598	
	2.4094	2.9578	2.4593	2.5460	2.7323	2.4497	3.7937	
13	1.6034	1.7932	1.7672	1.9863	1.9112	1.0109	0.6798	
	2.8376	2.5802	2.6683	2.4150	2.4755	4.6043	6.3379	
14	1.9719	2.0865	2.0832	2.0407	1.1523	0.6380		
	2.3013	2.1973	2.2505	2.3636	3.8194	6.7529		
15	0.9971	0.9954	0.9551	0.8327	F-SUB-Q			
	4.1304	4.1091	4.3144	5.1588	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3612	* 1.5148	* 1.6901	* 1.4954	* 1.8838	* 1.5806	* 1.9404	* 0.9945
	* 3.5629	* 3.2017	* 2.7350	* 2.9803	* 2.3438	* 2.7653	* 2.2566	* 4.0392
9	* 1.5148	* 1.8118	* 1.5082	* 1.8407	* 1.5453	* 1.7739	* 2.0615	* 0.9902
	* 3.2017	* 2.6059	* 3.0663	* 2.4822	* 2.8680	* 2.5293	* 2.1693	* 4.0505
10	* 1.6901	* 1.5114	* 1.7978	* 1.7767	* 1.9614	* 1.7559	* 2.0695	* 0.9592
	* 2.7350	* 3.0598	* 2.5974	* 2.6407	* 2.4691	* 2.6250	* 2.2309	* 4.2349
11	* 1.4954	* 1.8395	* 1.7756	* 1.9397	* 1.8937	* 1.9994	* 2.0482	* 0.8424
	* 2.9803	* 2.4816	* 2.6411	* 2.4995	* 2.5602	* 2.4241	* 2.3699	* 5.1059
12	* 1.8838	* 1.5443	* 1.9543	* 1.8886	* 1.7547	* 1.9581	* 1.1879	
	* 2.3438	* 2.8689	* 2.4714	* 2.5671	* 2.7630	* 2.4720	* 3.7552	
13	* 1.5806	* 1.7711	* 1.7522	* 1.9890	* 1.9370	* 1.0290	* 0.6992	
	* 2.7653	* 2.5314	* 2.6274	* 2.4369	* 2.4987	* 4.6595	* 6.3057	
14	* 1.9404	* 2.0596	* 2.0649	* 2.0388	* 1.1799	* 0.6565		
	* 2.2566	* 2.1696	* 2.2326	* 2.3811	* 3.7811	* 6.7151		
15	* 0.9945	* 0.9917	* 0.9588	* 0.8392	F-SUB-Q			
	* 4.0392	* 4.0338	* 4.2320	* 5.1145	M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3650	* 1.5167	* 1.6969	* 1.4866	* 1.8869	* 1.5752	* 1.9495	* 0.9777
	* 3.3897	* 3.0318	* 2.6173	* 2.8799	* 2.2454	* 2.6644	* 2.1568	* 3.9433
9	* 1.5167	* 1.8219	* 1.5046	* 1.8493	* 1.5379	* 1.7730	* 2.0746	* 0.9755
	* 3.0318	* 2.4911	* 2.9551	* 2.3794	* 2.7720	* 2.4352	* 2.0728	* 3.9530
10	* 1.6969	* 1.5079	* 1.7988	* 1.7781	* 1.9843	* 1.7595	* 2.0895	* 0.9391
	* 2.6173	* 2.9484	* 2.4959	* 2.5409	* 2.3527	* 2.5242	* 2.1301	* 4.1621
11	* 1.4866	* 1.8480	* 1.7770	* 1.9686	* 1.9161	* 2.0285	* 2.0788	* 0.8303
	* 2.8799	* 2.3788	* 2.5412	* 2.3896	* 2.4591	* 2.3102	* 2.2516	* 4.9990
12	* 1.8869	* 1.5368	* 1.9767	* 1.9107	* 1.7766	* 1.9950	* 1.1754	
	* 2.2454	* 2.7729	* 2.3611	* 2.4656	* 2.6659	* 2.3608	* 3.6513	
13	* 1.5752	* 1.7700	* 1.7555	* 2.0175	* 1.9732	* 1.0505	* 0.6955	
	* 2.6644	* 2.4373	* 2.5266	* 2.3219	* 2.3857	* 4.4179	* 6.0841	
14	* 1.9495	* 2.0725	* 2.0845	* 2.0687	* 1.1672	* 0.6510		
	* 2.1568	* 2.0732	* 2.1318	* 2.2617	* 3.6756	* 6.4978		
15	* 0.9777	* 0.9768	* 0.9386	* 0.8271	F-SUB-Q			
	* 3.9433	* 3.9363	* 4.1591	* 5.0075	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3457	* 1.4954	* 1.6745	* 1.4609	* 1.8601	* 1.5508	* 1.9267	* 0.9592
	* 3.1690	* 2.8348	* 2.4213	* 2.6837	* 2.0953	* 2.4955	* 2.0134	* 3.6889
9	* 1.4954	* 1.7994	* 1.4810	* 1.8263	* 1.5120	* 1.7482	* 2.0536	* 0.9579
	* 2.8347	* 2.2997	* 2.7426	* 2.2107	* 2.5917	* 2.2819	* 1.9360	* 3.6985
10	* 1.6745	* 1.4844	* 1.7735	* 1.7536	* 1.9691	* 1.7383	* 2.0731	* 0.9215
	* 2.4213	* 2.7361	* 2.3160	* 2.3648	* 2.1864	* 2.3595	* 1.9863	* 3.8924
11	* 1.4609	* 1.8250	* 1.7523	* 1.9565	* 1.9022	* 2.0169	* 2.0698	* 0.8174
	* 2.6837	* 2.2101	* 2.3650	* 2.2176	* 2.2836	* 2.1420	* 2.0850	* 4.6520
12	* 1.8601	* 1.5109	* 1.9613	* 1.8966	* 1.7627	* 1.9878	* 1.1602	
	* 2.0953	* 2.5925	* 2.1946	* 2.2899	* 2.4787	* 2.1867	* 3.4133	
13	* 1.5508	* 1.7451	* 1.7342	* 2.0055	* 1.9655	* 1.0474	* 0.6874	
	* 2.4955	* 2.2838	* 2.3617	* 2.1533	* 2.2102	* 4.0952	* 5.6903	
14	* 1.9267	* 2.0514	* 2.0679	* 2.0594	* 1.1519	* 0.6425		
	* 2.0134	* 1.9364	* 1.9878	* 2.0948	* 3.4369	* 6.0858		
15	* 0.9592	* 0.9588	* 0.9209	* 0.8141	* F-SUB-Q			
	* 3.6889	* 3.6828	* 3.8897	* 4.6601	* M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3136	* 1.4594	* 1.6344	* 1.4237	* 1.8148	* 1.5130	* 1.8827	* 0.9386
	* 2.9823	* 2.6623	* 2.2495	* 2.4967	* 1.9466	* 2.3204	* 1.8694	* 3.4247
9	* 1.4594	* 1.7574	* 1.4446	* 1.7839	* 1.4739	* 1.7071	* 2.0099	* 0.9370
	* 2.6623	* 2.1319	* 2.5469	* 2.0547	* 2.4101	* 2.1193	* 1.7933	* 3.4367
10	* 1.6344	* 1.4480	* 1.7323	* 1.7126	* 1.9293	* 1.6999	* 2.0318	* 0.9022
	* 2.2495	* 2.5407	* 2.1465	* 2.1938	* 2.0416	* 2.1866	* 1.8371	* 3.6092
11	* 1.4237	* 1.7825	* 1.7112	* 1.9187	* 1.8653	* 1.9782	* 2.0326	* 0.8022
	* 2.4967	* 2.0541	* 2.1941	* 2.0898	* 2.1518	* 2.0130	* 1.9548	* 4.2995
12	* 1.8148	* 1.4728	* 1.9213	* 1.8597	* 1.7271	* 1.9524	* 1.1439	
	* 1.9466	* 2.4109	* 2.0437	* 2.1579	* 2.3415	* 2.0615	* 3.1997	
13	* 1.5130	* 1.7039	* 1.6957	* 1.9667	* 1.9300	* 1.0274	* 0.6759	
	* 2.3204	* 2.1213	* 2.1890	* 2.0239	* 2.0839	* 3.8735	* 5.3731	
14	* 1.8827	* 2.0076	* 2.0264	* 2.0220	* 1.1355	* 0.6313		
	* 1.8694	* 1.7938	* 1.8388	* 1.9614	* 3.2220	* 5.7498		
15	* 0.9386	* 0.9376	* 0.9015	* 0.7988	* F-SUB-Q			
	* 3.4247	* 3.4220	* 3.6071	* 4.3079	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2678	* 1.4080	* 1.5728	* 1.3736	* 1.7462	* 1.4601	* 1.8133	* 0.9154
	* 3.0452	* 2.7228	* 2.3046	* 2.5505	* 1.9951	* 2.3722	* 1.9154	* 3.4699
9	* 1.4080	* 1.6918	* 1.3938	* 1.7177	* 1.4216	* 1.6474	* 1.9387	* 0.9130
	* 2.7228	* 2.1780	* 2.5977	* 2.1059	* 2.4614	* 2.1643	* 1.8320	* 3.4857
10	* 1.5728	* 1.3972	* 1.6721	* 1.6525	* 1.8616	* 1.6427	* 1.9617	* 0.8842
	* 2.3046	* 2.5913	* 2.1872	* 2.2374	* 2.0879	* 2.2272	* 1.8733	* 3.6334
11	* 1.3736	* 1.7164	* 1.6512	* 1.8529	* 1.8047	* 1.9100	* 1.9654	* 0.7858
	* 2.5505	* 2.1053	* 2.2378	* 2.1389	* 2.1978	* 2.0594	* 1.9857	* 4.3224
12	* 1.7462	* 1.4205	* 1.8537	* 1.7992	* 1.6696	* 1.8874	* 1.1256	
	* 1.9951	* 2.4623	* 2.0903	* 2.2041	* 2.3936	* 2.1083	* 3.2154	
13	* 1.4601	* 1.6443	* 1.6386	* 1.8987	* 1.8653	* 0.9924	* 0.6627	
	* 2.3722	* 2.1665	* 2.2300	* 2.0707	* 2.1319	* 3.9690	* 5.4281	
14	* 1.8133	* 1.9364	* 1.9564	* 1.9550	* 1.1172	* 0.6196		
	* 1.9154	* 1.8327	* 1.8753	* 1.9916	* 3.2382	* 5.8029		
15	* 0.9154	* 0.9136	* 0.8836	* 0.7823	* F-SUB-Q			
	* 3.4699	* 3.4710	* 3.6316	* 4.3321	* M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2339	* 1.3720	* 1.5398	* 1.3344	* 1.7103	* 1.4224	* 1.7815	* 0.8773
	* 2.8466	* 2.5261	* 2.1561	* 2.4128	* 1.8706	* 2.2409	* 1.7946	* 3.3372
9	* 1.3720	* 1.6610	* 1.3575	* 1.6848	* 1.3828	* 1.6073	* 1.9049	* 0.8763
	* 2.5261	* 2.0307	* 2.4445	* 1.9741	* 2.3285	* 2.0374	* 1.7133	* 3.3475
10	* 1.5398	* 1.3610	* 1.6342	* 1.6130	* 1.8286	* 1.6034	* 1.9289	* 0.8433
	* 2.1561	* 2.4382	* 2.0490	* 2.0997	* 1.9431	* 2.0916	* 1.7460	* 3.5089
11	* 1.3344	* 1.6835	* 1.6117	* 1.8199	* 1.7661	* 1.8767	* 1.9344	* 0.7510
	* 2.4128	* 1.9735	* 2.1002	* 1.9973	* 2.0592	* 1.9075	* 1.8380	* 4.1463
12	* 1.7103	* 1.3818	* 1.8207	* 1.7605	* 1.6308	* 1.8550	* 1.0719	
	* 1.8706	* 2.3294	* 1.9504	* 2.0652	* 2.2444	* 1.9708	* 3.0843	
13	* 1.4224	* 1.6041	* 1.5992	* 1.8653	* 1.8331	* 0.9740	* 0.6327	
	* 2.2409	* 2.0397	* 2.0946	* 1.9178	* 1.9934	* 3.7097	* 5.2312	
14	* 1.7815	* 1.9026	* 1.9236	* 1.9238	* 1.0637	* 0.5896		
	* 1.7946	* 1.7141	* 1.7486	* 1.8468	* 3.1059	* 5.6113		
15	* 0.8773	* 0.8769	* 0.8419	* 0.7476	* F-SUB-Q			
	* 3.3372	* 3.3333	* 3.5076	* 4.1564	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1835	* 1.3155	* 1.4756	* 1.2777	* 1.6397	* 1.3629	* 1.7090	* 0.8391
	* 2.7018	* 2.4275	* 2.0795	* 2.3360	* 1.8103	* 2.1725	* 1.7383	* 3.2470
9	* 1.3155	* 1.5957	* 1.3024	* 1.6166	* 1.3247	* 1.5409	* 1.8283	* 0.8381
	* 2.4275	* 1.9473	* 2.3528	* 1.9084	* 2.2543	* 1.9689	* 1.6546	* 3.2531
10	* 1.4756	* 1.3058	* 1.5713	* 1.5482	* 1.7547	* 1.5376	* 1.8515	* 0.8062
	* 2.0795	* 2.3465	* 1.9656	* 2.0182	* 1.8650	* 2.0148	* 1.6799	* 3.4060
11	* 1.2777	* 1.6154	* 1.5470	* 1.7481	* 1.6967	* 1.7997	* 1.8567	* 0.7180
	* 2.3360	* 1.9079	* 2.0188	* 1.8938	* 1.9509	* 1.8253	* 1.7577	* 4.0056
12	* 1.6397	* 1.3237	* 1.7470	* 1.6912	* 1.5648	* 1.7808	* 1.0255	
	* 1.8103	* 2.2553	* 1.8725	* 1.9568	* 2.1220	* 1.8648	* 2.9533	
13	* 1.3629	* 1.5378	* 1.5336	* 1.7885	* 1.7595	* 0.9321	* 0.6043	
	* 2.1725	* 1.9714	* 2.0179	* 1.8358	* 1.8863	* 3.5310	* 4.9887	
14	* 1.7090	* 1.8260	* 1.8463	* 1.8464	* 1.0176	* 0.5627		
	* 1.7383	* 1.6555	* 1.6827	* 1.7656	* 2.9749	* 5.3550		
15	* 0.8391	* 0.8386	* 0.8049	* 0.7147	F-SUB-Q			
	* 3.2470	* 3.2421	* 3.4052	* 4.0164	M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1156	* 1.2370	* 1.3771	* 1.2023	* 1.5285	* 1.2794	* 1.5908	* 0.7992
	* 2.6784	* 2.3642	* 2.0810	* 2.3241	* 1.8208	* 2.1716	* 1.7526	* 3.2048
9	* 1.2370	* 1.4925	* 1.2275	* 1.5096	* 1.2458	* 1.4460	* 1.7030	* 0.7972
	* 2.3642	* 1.9329	* 2.3261	* 1.9073	* 2.2432	* 1.9623	* 1.6625	* 3.2116
10	* 1.3771	* 1.2306	* 1.4815	* 1.4564	* 1.6356	* 1.4433	* 1.7235	* 0.7718
	* 2.0810	* 2.3199	* 1.9393	* 1.9960	* 1.8391	* 2.0006	* 1.6814	* 3.3297
11	* 1.2023	* 1.5084	* 1.4553	* 1.6338	* 1.5942	* 1.6738	* 1.7262	* 0.6856
	* 2.3241	* 1.9080	* 1.9966	* 1.8881	* 1.9343	* 1.8150	* 1.7402	* 3.9093
12	* 1.5285	* 1.2449	* 1.6285	* 1.5891	* 1.4702	* 1.6600	* 0.9838	
	* 1.8208	* 2.2442	* 1.8458	* 1.9402	* 2.0990	* 1.8607	* 2.8673	
13	* 1.2794	* 1.4431	* 1.4395	* 1.6634	* 1.6398	* 0.8637	* 0.5766	
	* 2.1716	* 1.9650	* 2.0041	* 1.8255	* 1.8827	* 3.5365	* 4.8654	
14	* 1.5908	* 1.7009	* 1.7186	* 1.7165	* 0.9761	* 0.5381		
	* 1.7526	* 1.6636	* 1.6846	* 1.7483	* 2.8872	* 5.2118		
15	* 0.7992	* 0.7977	* 0.7712	* 0.6823	F-SUB-Q			
	* 3.2048	* 3.2031	* 3.3294	* 3.9212	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0560	* 1.1706	* 1.2988	* 1.1348	* 1.4399	* 1.2048	* 1.4958	* 0.7415
	* 2.5980	* 2.3297	* 2.0716	* 2.3277	* 1.8305	* 2.1856	* 1.7666	* 3.2796
9	* 1.1706	* 1.4136	* 1.1636	* 1.4258	* 1.1759	* 1.3638	* 1.5983	* 0.7403
	* 2.3297	* 1.9131	* 2.3085	* 1.9017	* 2.2516	* 1.9655	* 1.6748	* 3.2758
10	* 1.2988	* 1.1666	* 1.4080	* 1.3805	* 1.5394	* 1.3597	* 1.6158	* 0.7117
	* 2.0716	* 2.3024	* 1.9170	* 1.9778	* 1.8236	* 1.9986	* 1.6879	* 3.4200
11	* 1.1348	* 1.4247	* 1.3796	* 1.5409	* 1.5071	* 1.5687	* 1.6150	* 0.6312
	* 2.3277	* 1.9025	* 1.9785	* 1.8540	* 1.8942	* 1.7988	* 1.7381	* 3.9958
12	* 1.4399	* 1.1750	* 1.5328	* 1.5023	* 1.3901	* 1.5585	* 0.9031	
	* 1.8305	* 2.2527	* 1.8305	* 1.8998	* 2.0680	* 1.8452	* 2.8955	
13	* 1.2048	* 1.3611	* 1.3561	* 1.5591	* 1.5399	* 0.8044	* 0.5305	
	* 2.1856	* 1.9683	* 2.0023	* 1.8088	* 1.8663	* 3.5625	* 4.9474	
14	* 1.4958	* 1.5963	* 1.6112	* 1.6061	* 0.8961	* 0.4935		
	* 1.7666	* 1.6760	* 1.6913	* 1.7466	* 2.9163	* 5.3154		
15	* 0.7415	* 0.7409	* 0.7107	* 0.6283	* F-SUB-Q			
	* 3.2796	* 3.2685	* 3.4200	* 4.0087	* M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9545	* 1.0687	* 1.1808	* 1.0368	* 1.2845	* 1.0853	* 1.3307	* 0.6750
	* 2.7192	* 2.4102	* 2.1666	* 2.4369	* 1.9657	* 2.3262	* 1.9035	* 3.4592
9	* 1.0687	* 1.2661	* 1.0585	* 1.2850	* 1.0650	* 1.2272	* 1.4177	* 0.6719
	* 2.4102	* 2.0298	* 2.4186	* 2.0110	* 2.3795	* 2.0887	* 1.8060	* 3.4595
10	* 1.1808	* 1.0610	* 1.2735	* 1.2594	* 1.3791	* 1.2220	* 1.4316	* 0.6457
	* 2.1666	* 2.4126	* 2.0176	* 2.0647	* 1.9283	* 2.1201	* 1.8156	* 3.6094
11	* 1.0368	* 1.2840	* 1.2579	* 1.3803	* 1.3605	* 1.3992	* 1.4313	* 0.5670
	* 2.4369	* 2.0119	* 2.0655	* 1.9520	* 1.9787	* 1.9105	* 1.8579	* 4.2423
12	* 1.2845	* 1.0642	* 1.3734	* 1.3564	* 1.2552	* 1.3860	* 0.8159	
	* 1.9657	* 2.3809	* 1.9350	* 1.9843	* 2.1521	* 1.9518	* 3.0343	
13	* 1.0853	* 1.2248	* 1.2189	* 1.3909	* 1.3699	* 0.7033	* 0.4762	
	* 2.3262	* 2.0917	* 2.1242	* 1.9210	* 1.9738	* 3.8220	* 5.1911	
14	* 1.3307	* 1.4160	* 1.4276	* 1.4236	* 0.8097	* 0.4419		
	* 1.9035	* 1.8074	* 1.8194	* 1.8664	* 3.0562	* 5.5911		
15	* 0.6750	* 0.6730	* 0.6452	* 0.5643	* F-SUB-Q			
	* 3.4592	* 3.4523	* 3.6098	* 4.2570	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 50 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7551	* 0.8735	* 1.1061	* 0.8464	* 1.1405	* 0.8569	* 1.1495	* 0.5597
	* 3.2866	* 2.8257	* 2.2184	* 2.8866	* 2.1421	* 2.8536	* 2.1335	* 4.0461
9	* 0.8735	* 1.0643	* 0.8486	* 1.0708	* 0.8633	* 0.9693	* 1.1815	* 0.5457
	* 2.8257	* 2.3275	* 2.9080	* 2.3112	* 2.8660	* 2.5567	* 2.0974	* 4.1218
10	* 1.1061	* 0.8503	* 1.0152	* 1.0288	* 1.1503	* 0.9787	* 1.1858	* 0.5275
	* 2.2184	* 2.9024	* 2.4398	* 2.4418	* 2.1988	* 2.5877	* 2.1082	* 4.2771
11	* 0.8464	* 1.0709	* 1.0277	* 1.1752	* 1.0896	* 1.2375	* 1.1496	* 0.4546
	* 2.8866	* 2.3107	* 2.4431	* 2.1769	* 2.3729	* 2.0692	* 2.2167	* 5.1089
12	* 1.1405	* 0.8627	* 1.1476	* 1.0867	* 0.9961	* 1.0876	* 0.6661	*
	* 2.1421	* 2.8661	* 2.2030	* 2.3788	* 2.6043	* 2.3880	* 3.5784	*
13	* 0.8569	* 0.9675	* 0.9751	* 1.2309	* 1.0753	* 0.5328	* 0.3789	*
	* 2.8536	* 2.5605	* 2.5957	* 2.0791	* 2.4144	* 4.8444	* 6.2717	*
14	* 1.1495	* 1.1800	* 1.1830	* 1.1438	* 0.6612	* 0.3501	*	*
	* 2.1335	* 2.0992	* 2.1119	* 2.2262	* 3.6026	* 6.7852	*	*
15	* 0.5597	* 0.5467	* 0.5271	* 0.4524	* F-SUB-Q			
	* 4.0461	* 4.1085	* 4.2779	* 5.1274	* M-SUB-Q			

AT 50% POWER, 50 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3185	* 0.3542	* 0.4224	* 0.3622	* 0.4284	* 0.3571	* 0.3991	* 0.2244
	* 7.5126	* 6.7319	* 5.6190	* 6.5447	* 5.5234	* 6.6412	* 5.9483	* 9.7943
9	* 0.3542	* 0.4073	* 0.3610	* 0.4285	* 0.3707	* 0.3690	* 0.4062	* 0.2178
	* 6.7319	* 5.8553	* 6.6126	* 5.5909	* 6.4772	* 6.5062	* 5.8982	* 10.0145
10	* 0.4224	* 0.3615	* 0.3856	* 0.4023	* 0.4536	* 0.3895	* 0.4072	* 0.2123
	* 5.6190	* 6.6048	* 6.2314	* 6.0466	* 5.3840	* 6.2813	* 5.9318	* 10.3115
11	* 0.3622	* 0.4284	* 0.4018	* 0.4604	* 0.4150	* 0.4518	* 0.3919	* 0.1857
	* 6.5447	* 5.5920	* 6.0501	* 5.3355	* 5.9508	* 5.4574	* 6.2703	* 12.1171
12	* 0.4284	* 0.3704	* 0.4526	* 0.4143	* 0.3810	* 0.3938	* 0.2688	*
	* 5.5234	* 6.4813	* 5.3940	* 5.9623	* 6.5366	* 6.3533	* 8.5444	*
13	* 0.3571	* 0.3682	* 0.3881	* 0.4494	* 0.3903	* 0.2988	* 0.1479	*
	* 6.6412	* 6.5177	* 6.2995	* 5.4826	* 6.4080	* 8.4092	* 15.5934	*
14	* 0.3991	* 0.4057	* 0.4062	* 0.3899	* 0.2669	* 0.1413	*	*
	* 5.9483	* 5.9036	* 5.9427	* 6.2977	* 8.6019	* 16.3165	*	*
15	* 0.2244	* 0.2183	* 0.2121	* 0.1848	* F-SUB-Q			
	* 9.7943	* 9.9878	* 10.3144	* 12.1632	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.2986	* 0.3910	* 0.4918	* 0.4447	* 0.5106	* 0.4143	* 0.3746	* 0.2152
	* 6.0856	* 5.9865	* 4.8032	* 5.3453	* 4.6644	* 5.6117	* 5.2090	* 8.2643
9	* 0.3910	* 0.4454	* 0.4175	* 0.5026	* 0.4407	* 0.4276	* 0.4400	* 0.2412
	* 5.9865	* 5.1636	* 5.5729	* 4.7033	* 5.3839	* 5.4879	* 5.2054	* 8.4030
10	* 0.4918	* 0.4177	* 0.3817	* 0.4523	* 0.5006	* 0.4295	* 0.4453	* 0.2446
	* 4.8032	* 5.5710	* 5.3304	* 5.1327	* 4.7324	* 5.4975	* 5.2724	* 8.4864
11	* 0.4447	* 0.5024	* 0.4522	* 0.4759	* 0.4239	* 0.4566	* 0.4130	* 0.2088
	* 5.3453	* 4.7046	* 5.1339	* 4.7379	* 5.2354	* 4.9484	* 5.7679	* 10.3581
12	* 0.5106	* 0.4406	* 0.5004	* 0.4237	* 0.3219	* 0.3465	* 0.2617	
	* 4.6644	* 5.3867	* 4.7344	* 5.2426	* 5.5119	* 5.4447	* 7.4847	
13	* 0.4143	* 0.4273	* 0.4293	* 0.4560	* 0.3456	* 0.2440	* 0.1414	
	* 5.6117	* 5.4921	* 5.5016	* 4.9627	* 5.4731	* 6.6536	* 12.2565	
14	* 0.3746	* 0.4400	* 0.4451	* 0.4126	* 0.2610	* 0.1376		
	* 5.2090	* 5.2060	* 5.2746	* 5.7769	* 7.5192	* 12.5696		
15	* 0.2152	* 0.2413	* 0.2447	* 0.2085	F-SUB-Q			
	* 8.2643	* 8.3792	* 8.4823	* 10.3669	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6533	* 0.9171	* 1.1922	* 0.9879	* 1.2401	* 0.9450	* 1.0175	* 0.5633
	* 2.9462	* 2.6583	* 2.0712	* 2.5098	* 2.0045	* 2.5773	* 2.0963	* 3.5659
9	* 0.9171	* 1.0777	* 0.9388	* 1.1690	* 0.9842	* 1.0436	* 1.1626	* 0.5978
	* 2.6583	* 2.2457	* 2.6008	* 2.1087	* 2.5149	* 2.3456	* 2.0726	* 3.5776
10	* 1.1922	* 0.9392	* 0.9641	* 1.0944	* 1.1731	* 1.0098	* 1.1654	* 0.5926
	* 2.0712	* 2.5995	* 2.2956	* 2.2246	* 2.1164	* 2.4360	* 2.1034	* 3.6740
11	* 0.9879	* 1.1687	* 1.0942	* 1.1173	* 1.0214	* 1.1272	* 1.0742	* 0.4975
	* 2.5098	* 2.1092	* 2.2251	* 2.0895	* 2.2354	* 2.0739	* 2.2728	* 4.5184
12	* 1.2401	* 0.9839	* 1.1726	* 1.0209	* 0.7661	* 0.8630	* 0.6302	
	* 2.0045	* 2.5159	* 2.1176	* 2.2387	* 2.3532	* 2.2683	* 3.2198	
13	* 0.9450	* 1.0428	* 1.0093	* 1.1257	* 0.8605	* 0.4224	* 0.3511	
	* 2.5773	* 2.3475	* 2.4378	* 2.0800	* 2.2835	* 4.1365	* 5.0894	
14	* 1.0175	* 1.1626	* 1.1650	* 1.0729	* 0.6284			
	* 2.0963	* 2.0728	* 2.1042	* 2.2791	* 3.2349	* 5.3026		
15	* 0.5633	* 0.5986	* 0.5929	* 0.4969	F-SUB-Q			
	* 3.5659	* 3.5685	* 3.6720	* 4.5224	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8191	* 1.1372	* 1.3987	* 1.2244	* 1.4744	* 1.1992	* 1.3685	* 0.7598
	* 2.4806	* 2.2283	* 1.8333	* 2.0984	* 1.7442	* 2.1173	* 1.7899	* 2.9303
9	* 1.1372	* 1.3133	* 1.1748	* 1.4076	* 1.2238	* 1.3113	* 1.4437	* 0.7667
	* 2.2283	* 1.9207	* 2.1687	* 1.8295	* 2.0955	* 1.9332	* 1.7412	* 2.9296
10	* 1.3987	* 1.1756	* 1.3074	* 1.3616	* 1.4040	* 1.2690	* 1.4285	* 0.7497
	* 1.8333	* 2.1668	* 1.9054	* 1.8662	* 1.8299	* 1.9931	* 1.7782	* 3.0252
11	* 1.2244	* 1.4076	* 1.3615	* 1.3378	* 1.2561	* 1.3453	* 1.3381	* 0.6333
	* 2.0984	* 1.8298	* 1.8665	* 1.8524	* 1.8595	* 1.7892	* 1.8712	* 3.6616
12	* 1.4744	* 1.2236	* 1.4037	* 1.2554	* 0.9632	* 1.0631	* 0.7950	
	* 1.7442	* 2.0961	* 1.8304	* 1.8626	* 1.9572	* 1.8521	* 2.6283	
13	* 1.1992	* 1.3103	* 1.2686	* 1.3434	* 1.0595	* 0.5429	* 0.4416	
	* 2.1173	* 1.9348	* 1.9943	* 1.7951	* 1.8654	* 3.3099	* 4.1659	
14	* 1.3685	* 1.4437	* 1.4279	* 1.3365	* 0.7926	* 0.4215		
	* 1.7899	* 1.7414	* 1.7789	* 1.8769	* 2.6413	* 4.3573		
15	* 0.7598	* 0.7681	* 0.7503	* 0.6326	F-SUB-Q			
	* 2.9304	* 2.9195	* 3.0234	* 3.6642	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9130	* 1.2783	* 1.6166	* 1.3699	* 1.7021	* 1.3527	* 1.6412	* 0.8676
	* 2.3239	* 2.0751	* 1.6541	* 1.9510	* 1.5703	* 1.9605	* 1.5942	* 2.7468
9	* 1.2783	* 1.5324	* 1.3228	* 1.6177	* 1.3695	* 1.4827	* 1.6842	* 0.8618
	* 2.0751	* 1.7395	* 2.0162	* 1.6567	* 1.9469	* 1.7816	* 1.5625	* 2.7463
10	* 1.6166	* 1.3240	* 1.5104	* 1.5377	* 1.6085	* 1.4313	* 1.6529	* 0.8294
	* 1.6541	* 2.0140	* 1.7603	* 1.7264	* 1.6633	* 1.8341	* 1.5945	* 2.8536
11	* 1.3699	* 1.6182	* 1.5376	* 1.5483	* 1.4108	* 1.5564	* 1.5480	* 0.6991
	* 1.9510	* 1.6562	* 1.7267	* 1.6836	* 1.7136	* 1.6014	* 1.6775	* 3.4363
12	* 1.7021	* 1.3695	* 1.6082	* 1.4098	* 1.0714	* 1.2250	* 0.8740	
	* 1.5703	* 1.9473	* 1.6637	* 1.7168	* 1.8119	* 1.6743	* 2.4776	
13	* 1.3527	* 1.4815	* 1.4309	* 1.5538	* 1.2207	* 0.6300	* 0.4839	
	* 1.9605	* 1.7832	* 1.8353	* 1.6071	* 1.6866	* 2.9626	* 3.9439	
14	* 1.6412	* 1.6842	* 1.6523	* 1.5461	* 0.8712	* 0.4598		
	* 1.5942	* 1.5626	* 1.5952	* 1.6828	* 2.4906	* 4.1439		
15	* 0.8676	* 0.8640	* 0.8300	* 0.6983	F-SUB-Q			
	* 2.7468	* 2.7372	* 2.8517	* 3.4390	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9641	* 1.3504	* 1.7314	* 1.4407	* 1.8145	* 1.4219	* 1.7716	* 0.9254
	* 2.3343	* 2.0685	* 1.6207	* 1.9408	* 1.5396	* 1.9555	* 1.5559	* 2.7200
9	* 1.3504	* 1.6354	* 1.3961	* 1.7229	* 1.4391	* 1.5571	* 1.7998	* 0.9139
	* 2.0685	* 1.7169	* 2.0113	* 1.6274	* 1.9370	* 1.7760	* 1.5328	* 2.7268
10	* 1.7314	* 1.3975	* 1.5948	* 1.6218	* 1.7125	* 1.5048	* 1.7668	* 0.8755
	* 1.6207	* 2.0092	* 1.7582	* 1.7153	* 1.6338	* 1.8179	* 1.5531	* 2.8309
11	* 1.4407	* 1.7236	* 1.6217	* 1.6487	* 1.4874	* 1.6641	* 1.6531	* 0.7382
	* 1.9408	* 1.6268	* 1.7156	* 1.6533	* 1.7014	* 1.5652	* 1.6398	* 3.3773
12	* 1.8145	* 1.4391	* 1.7122	* 1.4863	* 1.1307	* 1.3137	* 0.9280	
	* 1.5396	* 1.9373	* 1.6342	* 1.7046	* 1.8061	* 1.6424	* 2.4397	
13	* 1.4219	* 1.5558	* 1.5043	* 1.6614	* 1.3088	* 0.6757	* 0.5106	
	* 1.9555	* 1.7776	* 1.8191	* 1.5710	* 1.6553	* 2.8967	* 3.9171	
14	* 1.7716	* 1.7999	* 1.7664	* 1.6510	* 0.9251	* 0.4856		
	* 1.5559	* 1.5329	* 1.5538	* 1.6451	* 2.4527	* 4.1123		
15	* 0.9254	* 0.9171	* 0.8762	* 0.7375	F-SUB-Q			
	* 2.7200	* 2.7173	* 2.8290	* 3.3799	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9946	* 1.3880	* 1.7888	* 1.4745	* 1.8670	* 1.4519	* 1.8295	* 0.9562
	* 2.4071	* 2.1174	* 1.6480	* 1.9897	* 1.5690	* 2.0073	* 1.5804	* 2.7649
9	* 1.3880	* 1.6830	* 1.4316	* 1.7730	* 1.4710	* 1.5881	* 1.8521	* 0.9425
	* 2.1174	* 1.7553	* 2.0615	* 1.6593	* 1.9881	* 1.8216	* 1.5572	* 2.7778
10	* 1.7888	* 1.4332	* 1.6319	* 1.6614	* 1.7622	* 1.5374	* 1.8214	* 0.9014
	* 1.6480	* 2.0591	* 1.8080	* 1.7564	* 1.6654	* 1.8633	* 1.5767	* 2.8791
11	* 1.4745	* 1.7737	* 1.6614	* 1.6948	* 1.5261	* 1.7189	* 1.7049	* 0.7614
	* 1.9897	* 1.6587	* 1.7566	* 1.6833	* 1.7497	* 1.5948	* 1.6706	* 3.4339
12	* 1.8670	* 1.4711	* 1.7620	* 1.5250	* 1.1673	* 1.3619	* 0.9624	
	* 1.5690	* 1.9884	* 1.6658	* 1.7531	* 1.8652	* 1.6825	* 2.4847	
13	* 1.4519	* 1.5867	* 1.5369	* 1.7160	* 1.3567	* 0.7018	* 0.5290	
	* 2.0073	* 1.8225	* 1.8645	* 1.6007	* 1.6957	* 2.9673	* 4.0172	
14	* 1.8295	* 1.8524	* 1.8210	* 1.7027	* 0.9594	* 0.5033		
	* 1.5804	* 1.5573	* 1.5774	* 1.6759	* 2.4979	* 4.2156		
15	* 0.9562	* 0.9459	* 0.9022	* 0.7607	F-SUB-Q			
	* 2.7649	* 2.7679	* 2.8769	* 3.4363	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0176	* 1.4170	* 1.8375	* 1.4968	* 1.9106	* 1.4694	* 1.8751	* 0.9659
	* 2.4981	* 2.1852	* 1.7068	* 2.0843	* 1.6288	* 2.0994	* 1.6327	* 2.8992
9	* 1.4170	* 1.7286	* 1.4565	* 1.8136	* 1.4919	* 1.6089	* 1.8973	* 0.9502
	* 2.1852	* 1.8192	* 2.1560	* 1.7240	* 2.0830	* 1.9047	* 1.6107	* 2.9165
10	* 1.8375	* 1.4584	* 1.6597	* 1.6916	* 1.8031	* 1.5605	* 1.8674	* 0.9074
	* 1.7068	* 2.1532	* 1.8910	* 1.8334	* 1.7297	* 1.9476	* 1.6308	* 3.0328
11	* 1.4968	* 1.8145	* 1.6916	* 1.7336	* 1.5590	* 1.7686	* 1.7502	* 0.7680
	* 2.0843	* 1.7232	* 1.8336	* 1.7248	* 1.8165	* 1.6363	* 1.7119	* 3.6158
12	* 1.9106	* 1.4921	* 1.8029	* 1.5578	* 1.1935	* 1.4066	* 0.9767	*
	* 1.6288	* 2.0831	* 1.7300	* 1.8201	* 1.9451	* 1.7425	* 2.5996	*
13	* 1.4694	* 1.6076	* 1.5600	* 1.7655	* 1.4011	* 0.7278	* 0.5374	*
	* 2.0994	* 1.9055	* 1.9489	* 1.6423	* 1.7564	* 3.0756	* 4.2302	*
14	* 1.8751	* 1.8976	* 1.8670	* 1.7480	* 0.9735	* 0.5098	*	*
	* 1.6327	* 1.6107	* 1.6314	* 1.7172	* 2.6131	* 4.4519	*	*
15	* 0.9659	* 0.9539	* 0.9082	* 0.7674	* F-SUB-Q			
	* 2.8992	* 2.9058	* 3.0303	* 3.6176	* M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0397	* 1.4305	* 1.8579	* 1.5020	* 1.9249	* 1.4703	* 1.8898	* 0.9681
	* 2.6612	* 2.3245	* 1.8229	* 2.2408	* 1.7426	* 2.2547	* 1.7403	* 3.1068
9	* 1.4305	* 1.7488	* 1.4645	* 1.8277	* 1.4958	* 1.6105	* 1.9116	* 0.9510
	* 2.3245	* 1.9356	* 2.3157	* 1.8446	* 2.2399	* 2.0453	* 1.7180	* 3.1295
10	* 1.8579	* 1.4665	* 1.6676	* 1.7010	* 1.8195	* 1.5653	* 1.8842	* 0.9083
	* 1.8229	* 2.3126	* 2.0318	* 1.9663	* 1.8251	* 2.0903	* 1.7392	* 3.2582
11	* 1.5020	* 1.8286	* 1.7010	* 1.7482	* 1.5745	* 1.7929	* 1.7700	* 0.7707
	* 2.2408	* 1.8437	* 1.9664	* 1.8166	* 1.9180	* 1.7224	* 1.8047	* 3.8740
12	* 1.9249	* 1.4961	* 1.8194	* 1.5732	* 1.2197	* 1.4344	* 0.9868	*
	* 1.7426	* 2.2399	* 1.8302	* 1.9219	* 2.0582	* 1.8348	* 2.7453	*
13	* 1.4703	* 1.6092	* 1.5648	* 1.7897	* 1.4286	* 0.7470	* 0.5445	*
	* 2.2547	* 2.0462	* 2.0915	* 1.7289	* 1.8491	* 3.2477	* 4.4878	*
14	* 1.8898	* 1.9120	* 1.8838	* 1.7678	* 0.9836	* 0.5159	*	*
	* 1.7403	* 1.7181	* 1.7398	* 1.8104	* 2.7598	* 4.7286	*	*
15	* 0.9681	* 0.9553	* 0.9091	* 0.7701	* F-SUB-Q			
	* 3.1068	* 3.1176	* 3.2553	* 3.8755	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0502	* 1.4391	* 1.8750	* 1.5034	* 1.9368	* 1.4680	* 1.9007	* 0.9644
	* 2.9006	* 2.4925	* 1.9542	* 2.4095	* 1.8636	* 2.4193	* 1.8559	* 3.3361
9	* 1.4391	* 1.7659	* 1.4686	* 1.8385	* 1.4962	* 1.6100	* 1.9227	* 0.9470
	* 2.4925	* 2.0652	* 2.4955	* 1.9735	* 2.4078	* 2.1953	* 1.8328	* 3.3617
10	* 1.8750	* 1.4707	* 1.6738	* 1.7071	* 1.8327	* 1.5674	* 1.8980	* 0.9038
	* 1.9542	* 2.4919	* 2.1903	* 2.1152	* 1.9591	* 2.2435	* 1.8552	* 3.5040
11	* 1.5034	* 1.8395	* 1.7071	* 1.7636	* 1.5854	* 1.8140	* 1.7865	* 0.7687
	* 2.4095	* 1.9725	* 2.1153	* 1.9530	* 2.0725	* 1.8513	* 1.9343	* 4.1702
12	* 1.9368	* 1.4965	* 1.8325	* 1.5841	* 1.2324	* 1.4562	* 0.9887	*
	* 1.8636	* 2.4077	* 1.9639	* 2.0768	* 2.2330	* 1.9769	* 2.9813	*
13	* 1.4680	* 1.6087	* 1.5669	* 1.8106	* 1.4501	* 0.7625	* 0.5481	*
	* 2.4193	* 2.1961	* 2.2446	* 1.8584	* 1.9923	* 3.4937	* 4.8664	*
14	* 1.9007	* 1.9230	* 1.8976	* 1.7842	* 0.9854	* 0.5179	*	*
	* 1.8559	* 1.8328	* 1.8557	* 1.9399	* 2.9973	* 5.1421	*	*
15	* 0.9644	* 0.9506	* 0.9046	* 0.7682	* F-SUB-Q			
	* 3.3361	* 3.3487	* 3.5006	* 4.1709	* M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0514	* 1.4259	* 1.8475	* 1.4835	* 1.9037	* 1.4464	* 1.8667	* 0.9639
	* 3.1996	* 2.7599	* 2.1585	* 2.6404	* 2.0506	* 2.6575	* 2.0487	* 3.6121
9	* 1.4259	* 1.7428	* 1.4511	* 1.8088	* 1.4760	* 1.5839	* 1.8901	* 0.9467
	* 2.7599	* 2.2953	* 2.7476	* 2.1700	* 2.6381	* 2.4086	* 2.0151	* 3.6419
10	* 1.8475	* 1.4532	* 1.6516	* 1.6852	* 1.8068	* 1.5457	* 1.8680	* 0.9052
	* 2.1585	* 2.7436	* 2.4207	* 2.3254	* 2.1654	* 2.4543	* 2.0339	* 3.7670
11	* 1.4835	* 1.8098	* 1.6853	* 1.7431	* 1.5690	* 1.7920	* 1.7639	* 0.7729
	* 2.6404	* 2.1688	* 2.3254	* 2.1552	* 2.2983	* 2.0482	* 2.1383	* 4.4495
12	* 1.9037	* 1.4763	* 1.8067	* 1.5676	* 1.2359	* 1.4457	* 1.0020	*
	* 2.0506	* 2.6380	* 2.1716	* 2.3030	* 2.4906	* 2.2009	* 3.2311	*
13	* 1.4464	* 1.5826	* 1.5452	* 1.7885	* 1.4395	* 0.7583	* 0.5554	*
	* 2.6575	* 2.4094	* 2.4554	* 2.0556	* 2.2185	* 3.9118	* 5.3317	*
14	* 1.8667	* 1.8903	* 1.8676	* 1.7616	* 0.9986	* 0.5282	*	*
	* 2.0487	* 2.0148	* 2.0343	* 2.1446	* 3.2477	* 5.5975	*	*
15	* 0.9639	* 0.9503	* 0.9061	* 0.7723	* F-SUB-Q			
	* 3.6121	* 3.6279	* 3.7631	* 4.4503	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0496	* 1.4355	* 1.8733	* 1.4863	* 1.9250	* 1.4454	* 1.8876	* 0.9526
	* 3.5532	* 3.0493	* 2.3010	* 2.8484	* 2.1898	* 2.8498	* 2.1675	* 3.9003
9	* 1.4355	* 1.7678	* 1.4574	* 1.8280	* 1.4776	* 1.5873	* 1.9134	* 0.9338
	* 3.0494	* 2.4727	* 2.9556	* 2.3190	* 2.8460	* 2.5879	* 2.1424	* 3.9385
10	* 1.8733	* 1.4597	* 1.6628	* 1.6964	* 1.8282	* 1.5528	* 1.8941	* 0.8928
	* 2.3010	* 2.9510	* 2.5952	* 2.5002	* 2.3266	* 2.6448	* 2.1685	* 4.1078
11	* 1.4863	* 1.8291	* 1.6964	* 1.7694	* 1.5846	* 1.8241	* 1.7934	* 0.7645
	* 2.8484	* 2.3176	* 2.5001	* 2.3633	* 2.5312	* 2.2438	* 2.3062	* 4.8697
12	* 1.9250	* 1.4780	* 1.8280	* 1.5832	* 1.2351	* 1.4745	* 0.9952	
	* 2.1898	* 2.8456	* 2.3265	* 2.5365	* 2.7448	* 2.4104	* 3.6254	
13	* 1.4454	* 1.5859	* 1.5522	* 1.8206	* 1.4680	* 0.7763	* 0.5545	
	* 2.8498	* 2.5885	* 2.6456	* 2.2519	* 2.4292	* 4.2751	* 5.9541	
14	* 1.8876	* 1.9136	* 1.8936	* 1.7909	* 0.9918	* 0.5234		
	* 2.1675	* 2.1419	* 2.1686	* 2.3086	* 3.6440	* 6.2965		
15	* 0.9526	* 0.9374	* 0.8937	* 0.7640	F-SUB-Q			
	* 3.9003	* 3.9226	* 4.1029	* 4.8697	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0546	* 1.4386	* 1.8751	* 1.4796	* 1.9205	* 1.4359	* 1.8820	* 0.9477
	* 3.6076	* 3.1061	* 2.4792	* 3.0938	* 2.3919	* 3.1145	* 2.3598	* 4.2453
9	* 1.4386	* 1.7735	* 1.4545	* 1.8247	* 1.4704	* 1.5790	* 1.9110	* 0.9286
	* 3.1061	* 2.5721	* 3.1860	* 2.5223	* 3.1142	* 2.8291	* 2.3328	* 4.2901
10	* 1.8751	* 1.4569	* 1.6611	* 1.6945	* 1.8291	* 1.5495	* 1.8958	* 0.8892
	* 2.4792	* 3.1808	* 2.8103	* 2.7382	* 2.4897	* 2.8905	* 2.3608	* 4.4751
11	* 1.4796	* 1.8257	* 1.6945	* 1.7798	* 1.5922	* 1.8386	* 1.8045	* 0.7653
	* 3.0938	* 2.5206	* 2.7379	* 2.4755	* 2.6761	* 2.3792	* 2.5073	* 5.3067
12	* 1.9205	* 1.4708	* 1.8289	* 1.5906	* 1.2456	* 1.4951	* 1.0056	
	* 2.3919	* 3.1135	* 2.4924	* 2.6815	* 2.9239	* 2.5696	* 3.8832	
13	* 1.4359	* 1.5775	* 1.5489	* 1.8348	* 1.4882	* 0.7927	* 0.5638	
	* 3.1145	* 2.8294	* 2.8910	* 2.3876	* 2.5891	* 4.5859	* 6.4321	
14	* 1.8820	* 1.9112	* 1.8953	* 1.8018	* 1.0020	* 0.5319		
	* 2.3598	* 2.3320	* 2.3605	* 2.5146	* 3.9031	* 6.8035		
15	* 0.9477	* 0.9323	* 0.8900	* 0.7646	F-SUB-Q			
	* 4.2453	* 4.2723	* 4.4693	* 5.3055	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0759	1.4398	1.8562	1.4631	1.8929	1.4180	1.8533	0.9463
	3.6389	3.1319	2.4064	3.0004	2.3276	3.0808	2.3703	4.2296
9	1.4398	1.7660	1.4432	1.8013	1.4541	1.5613	1.8868	0.9274
	3.1319	2.5786	3.0856	2.4525	3.0199	2.8103	2.3502	4.2767
10	1.8562	1.4455	1.6481	1.6816	1.8121	1.5374	1.8773	0.8914
	2.4064	3.0803	2.7234	2.6698	2.4837	2.9031	2.3972	4.4893
11	1.4631	1.8013	1.6816	1.7819	1.5998	1.8436	1.8024	0.7724
	3.0004	2.4508	2.6694	2.5070	2.7073	2.4097	2.5367	5.3694
12	1.8929	1.4544	1.8119	1.5981	1.2803	1.5202	1.0325	
	2.3276	3.0192	2.4833	2.7129	2.9621	2.5993	3.8624	
13	1.4180	1.5597	1.5366	1.8394	1.5127	0.8162	0.5843	
	3.0808	2.8122	2.9034	2.4183	2.6199	4.6498	6.4184	
14	1.8533	1.8869	1.8765	1.7992	1.0285	0.5541		
	2.3703	2.3492	2.3967	2.5441	3.8823	6.7527		
15	0.9463	0.9311	0.8922	0.7715	F-SUB-Q			
	4.2296	4.2595	4.4829	5.3681	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1470	1.4717	1.8868	1.4676	1.9132	1.4178	1.8735	0.9357
	3.4742	2.9851	2.2984	2.8954	2.2273	2.9772	2.2628	4.1265
9	1.4717	1.8098	1.4551	1.8261	1.4580	1.5701	1.9128	0.9163
	2.9851	2.4597	2.9722	2.3490	2.9177	2.7101	2.2439	4.1868
10	1.8868	1.4575	1.6659	1.7000	1.8512	1.5530	1.9101	0.8812
	2.2984	2.9669	2.6177	2.5690	2.3786	2.7959	2.2879	4.3991
11	1.4676	1.8258	1.6999	1.8399	1.6532	1.9106	1.8554	0.7689
	2.8954	2.3473	2.5686	2.4013	2.6115	2.3097	2.4245	5.2569
12	1.9132	1.4582	1.8493	1.6511	1.3726	1.6137	1.0499	
	2.2273	2.9169	2.3783	2.6167	2.8667	2.4948	3.7635	
13	1.4178	1.5684	1.5511	1.9056	1.6028	0.8875	0.6042	
	2.9772	2.7119	2.7962	2.3173	2.5132	4.4139	6.1919	
14	1.8735	1.9128	1.9091	1.8515	1.0455	0.5685		
	2.2628	2.2428	2.2874	2.4308	3.7818	6.5634		
15	0.9357	0.9199	0.8818	0.7680	F-SUB-Q			
	4.1265	4.1687	4.3927	5.2551	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2378	* 1.4973	* 1.8966	* 1.4653	* 1.9122	* 1.4098	* 1.8724	* 0.9284
	* 3.2055	* 2.7530	* 2.1277	* 2.6939	* 2.0719	* 2.7779	* 2.1064	* 3.8421
9	* 1.4973	* 1.8363	* 1.4576	* 1.8340	* 1.4568	* 1.5678	* 1.9177	* 0.9096
	* 2.7530	* 2.2676	* 2.7552	* 2.1793	* 2.7174	* 2.5285	* 2.0890	* 3.8986
10	* 1.8966	* 1.4602	* 1.6710	* 1.7058	* 1.8827	* 1.5722	* 1.9223	* 0.8760
	* 2.1277	* 2.7502	* 2.4277	* 2.3889	* 2.2049	* 2.6039	* 2.1254	* 4.0940
11	* 1.4653	* 1.8336	* 1.7056	* 1.8823	* 1.6999	* 1.9615	* 1.8905	* 0.7702
	* 2.6939	* 2.1776	* 2.3885	* 2.2066	* 2.3993	* 2.1155	* 2.2196	* 4.8679
12	* 1.9122	* 1.4569	* 1.8809	* 1.6973	* 1.4951	* 1.7516	* 1.0766	
	* 2.0719	* 2.7165	* 2.2045	* 2.4042	* 2.6378	* 2.2855	* 3.4734	
13	* 1.4098	* 1.5659	* 1.5694	* 1.9556	* 1.7387	* 0.9627	* 0.6298	
	* 2.7779	* 2.5302	* 2.6040	* 2.1228	* 2.3025	* 4.0463	* 5.7232	
14	* 1.8724	* 1.9176	* 1.9210	* 1.8860	* 1.0716	* 0.5913		
	* 2.1064	* 2.0880	* 2.1248	* 2.2256	* 3.4908	* 6.0799		
15	* 0.9284	* 0.9130	* 0.8766	* 0.7692	F-SUB-Q			
	* 3.8421	* 3.8817	* 4.0880	* 4.8664	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2877	* 1.5067	* 1.8901	* 1.4557	* 1.8976	* 1.3968	* 1.8578	* 0.9223
	* 2.9707	* 2.5426	* 1.9455	* 2.4702	* 1.8962	* 2.5463	* 1.9263	* 3.5135
9	* 1.5067	* 1.8436	* 1.4517	* 1.8273	* 1.4477	* 1.5582	* 1.9085	* 0.9037
	* 2.5426	* 2.0703	* 2.5234	* 1.9963	* 2.4915	* 2.3171	* 1.9092	* 3.5687
10	* 1.8901	* 1.4538	* 1.6665	* 1.7007	* 1.8971	* 1.5785	* 1.9191	* 0.8727
	* 1.9455	* 2.5189	* 2.2201	* 2.1867	* 2.0173	* 2.3801	* 1.9381	* 3.7407
11	* 1.4557	* 1.8268	* 1.7004	* 1.9049	* 1.7354	* 1.9899	* 1.9057	* 0.7725
	* 2.4702	* 1.9948	* 2.1863	* 2.0493	* 2.2316	* 1.9613	* 2.0537	* 4.4341
12	* 1.8976	* 1.4478	* 1.8951	* 1.7319	* 1.5680	* 1.8235	* 1.1006	
	* 1.8962	* 2.4907	* 2.0170	* 2.2362	* 2.4593	* 2.1257	* 3.2146	
13	* 1.3968	* 1.5562	* 1.5754	* 1.9829	* 1.8092	* 1.0061	* 0.6503	
	* 2.5463	* 2.3187	* 2.3804	* 1.9681	* 2.1417	* 3.7763	* 5.3297	
14	* 1.8578	* 1.9082	* 1.9176	* 1.9007	* 1.0952	* 0.6110		
	* 1.9263	* 1.9083	* 1.9377	* 2.0591	* 3.2307	* 5.6576		
15	* 0.9223	* 0.9065	* 0.8732	* 0.7713	F-SUB-Q			
	* 3.5135	* 3.5531	* 3.7353	* 4.4334	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2863	* 1.4937	* 1.8566	* 1.4331	* 1.8602	* 1.3743	* 1.8215	* 0.9163
	* 2.9914	* 2.5545	* 1.9620	* 2.4869	* 1.9136	* 2.5602	* 1.9424	* 3.5023
9	* 1.4937	* 1.8194	* 1.4340	* 1.7980	* 1.4267	* 1.5343	* 1.8758	* 0.8970
	* 2.5545	* 2.0833	* 2.5378	* 2.0153	* 2.5062	* 2.3334	* 1.9237	* 3.5510
10	* 1.8566	* 1.4359	* 1.6438	* 1.6770	* 1.8790	* 1.5672	* 1.8963	* 0.8709
	* 1.9620	* 2.5332	* 2.2318	* 2.1992	* 2.0330	* 2.3880	* 1.9472	* 3.7147
11	* 1.4331	* 1.7975	* 1.6767	* 1.8882	* 1.7363	* 1.9789	* 1.8926	* 0.7746
	* 2.4869	* 2.0137	* 2.1989	* 2.0742	* 2.2507	* 1.9793	* 2.0603	* 4.3889
12	* 1.8602	* 1.4264	* 1.8769	* 1.7326	* 1.5818	* 1.8327	* 1.1167	*
	* 1.9136	* 2.5055	* 2.0328	* 2.2555	* 2.4678	* 2.1427	* 3.1912	*
13	* 1.3743	* 1.5322	* 1.5637	* 1.9714	* 1.8171	* 1.0140	* 0.6629	*
	* 2.5602	* 2.3352	* 2.3885	* 1.9863	* 2.1600	* 3.8174	* 5.3135	*
14	* 1.8215	* 1.8753	* 1.8929	* 1.8870	* 1.1109	* 0.6270	*	*
	* 1.9424	* 1.9228	* 1.9471	* 2.0624	* 3.2075	* 5.6020	*	*
15	* 0.9163	* 0.8994	* 0.8713	* 0.7731	* F-SUB-Q			
	* 3.5023	* 3.5362	* 3.7096	* 4.3895	* M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2810	* 1.4852	* 1.8579	* 1.4199	* 1.8581	* 1.3612	* 1.8231	* 0.8948
	* 2.7606	* 2.3503	* 1.8115	* 2.3208	* 1.7693	* 2.3885	* 1.7927	* 3.3180
9	* 1.4852	* 1.8221	* 1.4237	* 1.7957	* 1.4132	* 1.5243	* 1.8807	* 0.8782
	* 2.3503	* 1.9182	* 2.3627	* 1.8657	* 2.3407	* 2.1721	* 1.7719	* 3.3691
10	* 1.8579	* 1.4257	* 1.6368	* 1.6684	* 1.8848	* 1.5618	* 1.9076	* 0.8483
	* 1.8115	* 2.3582	* 2.0690	* 2.0411	* 1.8787	* 2.2136	* 1.7891	* 3.5258
11	* 1.4199	* 1.7951	* 1.6681	* 1.8952	* 1.7413	* 1.9948	* 1.9081	* 0.7570
	* 2.3208	* 1.8642	* 2.0408	* 1.9003	* 2.0821	* 1.8069	* 1.8772	* 4.1484
12	* 1.8581	* 1.4131	* 1.8825	* 1.7375	* 1.5801	* 1.8494	* 1.0948	*
	* 1.7693	* 2.3400	* 1.8786	* 2.0866	* 2.3049	* 1.9814	* 3.0108	*
13	* 1.3612	* 1.5222	* 1.5582	* 1.9869	* 1.8341	* 1.0254	* 0.6523	*
	* 2.3885	* 2.1739	* 2.2144	* 1.8131	* 1.9966	* 3.5290	* 5.0575	*
14	* 1.8231	* 1.8801	* 1.9040	* 1.9021	* 1.0890	* 0.6111	*	*
	* 1.7927	* 1.7713	* 1.7892	* 1.8820	* 3.0257	* 5.3838	*	*
15	* 0.8948	* 0.8803	* 0.8487	* 0.7554	* F-SUB-Q			
	* 3.3180	* 3.3542	* 3.5213	* 4.1498	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2519	1.4500	1.8119	1.3832	1.8123	1.3291	1.7815	0.8723
	2.5998	2.2276	1.7277	2.2209	1.6904	2.2833	1.7115	3.1809
9	1.4500	1.7794	1.3887	1.7523	1.3778	1.4895	1.8402	0.8566
	2.2276	1.8155	2.2542	1.7837	2.2390	2.0739	1.6867	3.2286
10	1.8119	1.3907	1.6008	1.6294	1.8459	1.5285	1.8700	0.8274
	1.7277	2.2497	1.9663	1.9426	1.7905	2.1037	1.6989	3.3725
11	1.3832	1.7517	1.6290	1.8522	1.7079	1.9561	1.8736	0.7395
	2.2209	1.7823	1.9425	1.8034	1.9562	1.7068	1.7678	3.9500
12	1.8123	1.3776	1.8411	1.7041	1.5496	1.8172	1.0721	
	1.6904	2.2383	1.7904	1.9606	2.1543	1.8513	2.8468	
13	1.3291	1.4873	1.5248	1.9480	1.8018	1.0055	0.6385	
	2.2833	2.0757	2.1047	1.7133	1.8662	3.3172	4.7612	
14	1.7815	1.8396	1.8663	1.8675	1.0662	0.5977		
	1.7115	1.6863	1.6992	1.7717	2.8619	5.0716		
15	0.8723	0.8586	0.8278	0.7378	F-SUB-Q			
	3.1809	3.2144	3.3686	3.9525	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1976	1.3837	1.7098	1.3181	1.7128	1.2721	1.6848	0.8455
	2.5600	2.1569	1.7166	2.1916	1.6835	2.2502	1.7060	3.1000
9	1.3837	1.6836	1.3248	1.6591	1.3156	1.4243	1.7430	0.8293
	2.1569	1.7811	2.2168	1.7762	2.2059	2.0426	1.6750	3.1448
10	1.7098	1.3267	1.5306	1.5547	1.7497	1.4625	1.7723	0.8059
	1.7166	2.2125	1.9268	1.9074	1.7624	2.0622	1.6828	3.2631
11	1.3181	1.6585	1.5543	1.7513	1.6326	1.8525	1.7786	0.7198
	2.1916	1.7749	1.9074	1.7745	1.9241	1.6783	1.7312	3.8065
12	1.7128	1.3154	1.7444	1.6289	1.4915	1.7297	1.0470	
	1.6835	2.2053	1.7641	1.9285	2.1024	1.8257	2.7361	
13	1.2721	1.4222	1.4588	1.8446	1.7140	0.9507	0.6213	
	2.2502	2.0445	2.0635	1.6837	1.8418	3.2894	4.5994	
14	1.6848	1.7423	1.7686	1.7727	1.0411	0.5862		
	1.7060	1.6747	1.6834	1.7351	2.7497	4.8610		
15	0.8455	0.8307	0.8062	0.7180	F-SUB-Q			
	3.1000	3.1315	3.2596	3.8106	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1407	* 1.3143	* 1.6177	* 1.2506	* 1.6236	* 1.2092	* 1.5969	* 0.7917
	* 2.4797	* 2.1357	* 1.7163	* 2.1936	* 1.6877	* 2.2548	* 1.7140	* 3.1583
9	* 1.3143	* 1.5951	* 1.2586	* 1.5738	* 1.2491	* 1.3596	* 1.6538	* 0.7788
	* 2.1357	* 1.7667	* 2.2080	* 1.7805	* 2.2081	* 2.0314	* 1.6768	* 3.1997
10	* 1.6177	* 1.2604	* 1.4641	* 1.4819	* 1.6593	* 1.3901	* 1.6825	* 0.7524
	* 1.7163	* 2.2037	* 1.9042	* 1.8911	* 1.7450	* 2.0489	* 1.6807	* 3.3257
11	* 1.2506	* 1.5733	* 1.4816	* 1.6561	* 1.5575	* 1.7567	* 1.6878	* 0.6706
	* 2.1936	* 1.7795	* 1.8912	* 1.7569	* 1.8778	* 1.6558	* 1.7159	* 3.8684
12	* 1.6236	* 1.2489	* 1.6549	* 1.5540	* 1.4160	* 1.6412	* 0.9728	
	* 1.6877	* 2.2076	* 1.7477	* 1.8819	* 2.0731	* 1.8025	* 2.7503	
13	* 1.2092	* 1.3576	* 1.3866	* 1.7492	* 1.6267	* 0.8963	* 0.5789	
	* 2.2548	* 2.0336	* 2.0505	* 1.6620	* 1.8175	* 3.2949	* 4.6497	
14	* 1.5969	* 1.6531	* 1.6795	* 1.6821	* 0.9673	* 0.5412	*	
	* 1.7140	* 1.6767	* 1.6816	* 1.7207	* 2.7648	* 4.9585	*	
15	* 0.7917	* 0.7805	* 0.7526	* 0.6689	* F-SUB-Q			
	* 3.1583	* 3.1858	* 3.3226	* 3.8733	* M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0324	* 1.1903	* 1.4379	* 1.1333	* 1.4408	* 1.0925	* 1.4110	* 0.7165
	* 2.6066	* 2.2379	* 1.8455	* 2.3217	* 1.8268	* 2.3999	* 1.8675	* 3.3658
9	* 1.1903	* 1.4198	* 1.1401	* 1.4069	* 1.1329	* 1.2299	* 1.4618	* 0.7050
	* 2.2379	* 1.8862	* 2.3286	* 1.9069	* 2.3419	* 2.1552	* 1.8205	* 3.4069
10	* 1.4379	* 1.1416	* 1.3277	* 1.3450	* 1.4809	* 1.2568	* 1.4900	* 0.6802
	* 1.8455	* 2.3255	* 2.0086	* 1.9918	* 1.8632	* 2.1643	* 1.8182	* 3.5406
11	* 1.1333	* 1.4065	* 1.3447	* 1.4754	* 1.4088	* 1.5555	* 1.4944	* 0.6021
	* 2.3217	* 1.9071	* 1.9920	* 1.8794	* 1.9704	* 1.7814	* 1.8486	* 4.1303
12	* 1.4408	* 1.1327	* 1.4789	* 1.4057	* 1.2833	* 1.4593	* 0.8757	
	* 1.8268	* 2.3415	* 1.8651	* 1.9747	* 2.1639	* 1.9195	* 2.9104	
13	* 1.0925	* 1.2282	* 1.2537	* 1.5489	* 1.4464	* 0.7875	* 0.5226	
	* 2.3999	* 2.1575	* 2.1683	* 1.7882	* 1.9358	* 3.5414	* 4.8833	
14	* 1.4110	* 1.4613	* 1.4874	* 1.4893	* 0.8707	* 0.4869	*	
	* 1.8675	* 1.8205	* 1.8196	* 1.8535	* 2.9261	* 5.2262	*	
15	* 0.7165	* 0.7066	* 0.6804	* 0.6007	* F-SUB-Q			
	* 3.3658	* 3.3945	* 3.5376	* 4.1352	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 175 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8205	* 0.9543	* 1.2045	* 0.9131	* 1.1881	* 0.8671	* 1.1531	* 0.5809
	* 3.1451	* 2.6850	* 2.1250	* 2.7898	* 2.1482	* 2.9379	* 2.2196	* 4.0396
9	* 0.9543	* 1.1648	* 0.9147	* 1.1655	* 0.9123	* 0.9756	* 1.1787	* 0.5640
	* 2.6850	* 2.2128	* 2.8007	* 2.2127	* 2.8221	* 2.6339	* 2.1932	* 4.1333
10	* 1.2045	* 0.9157	* 1.0655	* 1.0821	* 1.2205	* 1.0018	* 1.1887	* 0.5461
	* 2.1250	* 2.7962	* 2.4196	* 2.3941	* 2.1576	* 2.6157	* 2.1958	* 4.2850
11	* 0.9131	* 1.1658	* 1.0817	* 1.2486	* 1.1228	* 1.2636	* 1.1741	* 0.4767
	* 2.7898	* 2.2118	* 2.3943	* 2.1307	* 2.3810	* 2.1114	* 2.2639	* 5.0558
12	* 1.1881	* 0.9121	* 1.2188	* 1.1206	* 1.0240	* 1.1324	* 0.7005	
	* 2.1482	* 2.8222	* 2.1599	* 2.3847	* 2.6149	* 2.3841	* 3.5173	
13	* 0.8671	* 0.9743	* 0.9994	* 1.2590	* 1.1227	* 0.5981	* 0.4185	
	* 2.9379	* 2.6366	* 2.6206	* 2.1179	* 2.4039	* 4.4953	* 5.8868	
14	* 1.1531	* 1.1783	* 1.1865	* 1.1704	* 0.6967	* 0.3874		
	* 2.2196	* 2.1932	* 2.1970	* 2.2695	* 3.5358	* 6.3405		
15	* 0.5809	* 0.5656	* 0.5463	* 0.4751	F-SUB-Q			
	* 4.0396	* 4.1184	* 4.2817	* 5.0665	M-SUB-Q			

AT 50% POWER, 175 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3555	* 0.3929	* 0.4694	* 0.3970	* 0.4580	* 0.3717	* 0.4166	* 0.2359
	* 7.0188	* 6.3143	* 5.2859	* 6.2326	* 5.4086	* 6.6709	* 5.9665	* 9.6700
9	* 0.3929	* 0.4541	* 0.3966	* 0.4701	* 0.3981	* 0.3857	* 0.4239	* 0.2289
	* 6.3143	* 5.4861	* 6.2640	* 5.3263	* 6.2812	* 6.4666	* 5.9169	* 9.9067
10	* 0.4694	* 0.3971	* 0.4171	* 0.4313	* 0.4899	* 0.4087	* 0.4264	* 0.2235
	* 5.2859	* 6.2564	* 5.9893	* 5.8232	* 5.2064	* 6.2001	* 5.9278	* 10.1876
11	* 0.3970	* 0.4701	* 0.4310	* 0.4958	* 0.4406	* 0.4791	* 0.4165	* 0.1982
	* 6.2326	* 5.3258	* 5.8243	* 5.1703	* 5.8110	* 5.3773	* 6.1738	* 11.8122
12	* 0.4580	* 0.3979	* 0.4892	* 0.4399	* 0.4042	* 0.4274	* 0.2873	
	* 5.4086	* 6.2819	* 5.2112	* 5.8198	* 6.4008	* 6.1149	* 8.2976	
13	* 0.3717	* 0.3852	* 0.4079	* 0.4774	* 0.4243	* 0.3333	* 0.1677	
	* 6.6709	* 6.4726	* 6.2113	* 5.3940	* 6.1573	* 7.8648	* 14.2923	
14	* 0.4166	* 0.4237	* 0.4259	* 0.4151	* 0.2857	* 0.1604		
	* 5.9665	* 5.9174	* 5.9318	* 6.1902	* 8.3396	* 14.8999		
15	* 0.2359	* 0.2296	* 0.2235	* 0.1976	F-SUB-Q			
	* 9.6700	* 9.8761	* 10.1809	* 11.8394	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3078	* 0.4008	* 0.5026	* 0.4581	* 0.5236	* 0.4156	* 0.3588	* 0.2008
	* 5.6847	* 5.5621	* 4.5415	* 4.9807	* 4.4506	* 5.3134	* 5.0089	* 7.8489
9	* 0.4008	* 0.4525	* 0.4244	* 0.5161	* 0.4534	* 0.4372	* 0.4384	* 0.2427
	* 5.5621	* 4.8600	* 5.1706	* 4.4538	* 5.0248	* 5.1503	* 5.0030	* 7.9819
10	* 0.5026	* 0.4245	* 0.3758	* 0.4619	* 0.5162	* 0.4445	* 0.4555	* 0.2491
	* 4.5415	* 5.1704	* 4.9443	* 4.7638	* 4.4870	* 5.1457	* 5.0508	* 8.0452
11	* 0.4581	* 0.5158	* 0.4618	* 0.4892	* 0.4419	* 0.4806	* 0.4341	* 0.2203
	* 4.9807	* 4.4547	* 4.7645	* 4.5307	* 4.9021	* 4.7525	* 5.4834	* 9.7360
12	* 0.5236	* 0.4533	* 0.5161	* 0.4417	* 0.3368	* 0.3737	* 0.2812	
	* 4.4506	* 5.0265	* 4.4882	* 4.9084	* 5.1284	* 5.1493	* 7.0861	
13	* 0.4156	* 0.4370	* 0.4444	* 0.4800	* 0.3728	* 0.2724	* 0.1591	
	* 5.3134	* 5.1531	* 5.1486	* 4.7646	* 5.1739	* 6.1830	* 11.2212	
14	* 0.3588	* 0.4384	* 0.4554	* 0.4337	* 0.2805	* 0.1550		
	* 5.0089	* 5.0029	* 5.0519	* 5.4881	* 7.1160	* 11.4651		
15	* 0.2008	* 0.2428	* 0.2491	* 0.2201	F-SUB-Q			
	* 7.8489	* 7.9597	* 8.0397	* 9.7415	M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6582	* 0.9182	* 1.1850	* 0.9943	* 1.2336	* 0.9199	* 0.9015	* 0.4895
	* 2.8453	* 2.5457	* 2.0191	* 2.4025	* 1.9764	* 2.5186	* 2.0847	* 3.4814
9	* 0.9182	* 1.0628	* 0.9300	* 1.1693	* 0.9876	* 1.0359	* 1.1166	* 0.5795
	* 2.5457	* 2.1664	* 2.4763	* 2.0380	* 2.4172	* 2.2792	* 2.0622	* 3.5002
10	* 1.1850	* 0.9305	* 0.8827	* 1.0870	* 1.1938	* 1.0174	* 1.1531	* 0.5865
	* 2.0191	* 2.4758	* 2.2002	* 2.1217	* 2.0508	* 2.3493	* 2.0861	* 3.5863
11	* 0.9943	* 1.1691	* 1.0869	* 1.1222	* 1.0395	* 1.1479	* 1.0982	* 0.5111
	* 2.4025	* 2.0383	* 2.1219	* 2.0395	* 2.1519	* 2.0574	* 2.2505	* 4.3723
12	* 1.2336	* 0.9874	* 1.1933	* 1.0390	* 0.7832	* 0.9040	* 0.6590	
	* 1.9764	* 2.4180	* 2.0516	* 2.1549	* 2.2641	* 2.2204	* 3.1278	
13	* 0.9199	* 1.0353	* 1.0171	* 1.1467	* 0.9016	* 0.4638	* 0.3825	
	* 2.5186	* 2.2805	* 2.3506	* 2.0627	* 2.2334	* 3.8972	* 4.8068	
14	* 0.9015	* 1.1166	* 1.1529	* 1.0971	* 0.6574			
	* 2.0847	* 2.0620	* 2.0864	* 2.2558	* 3.1412	* 4.9920		
15	* 0.4895	* 0.5798	* 0.5865	* 0.5105	F-SUB-Q			
	* 3.4814	* 3.4911	* 3.5836	* 4.3750	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8260	* 1.1445	* 1.4465	* 1.2336	* 1.5087	* 1.1624	* 1.2160	* 0.6734
	* 2.4256	* 2.1394	* 1.7319	* 2.0197	* 1.6832	* 2.0952	* 1.7530	* 2.8749
9	* 1.1445	* 1.3120	* 1.1675	* 1.4373	* 1.2270	* 1.2929	* 1.4002	* 0.7433
	* 2.1394	* 1.8577	* 2.0771	* 1.7675	* 2.0285	* 1.9022	* 1.7341	* 2.8802
10	* 1.4465	* 1.1682	* 1.1748	* 1.3548	* 1.4236	* 1.2626	* 1.4255	* 0.7390
	* 1.7319	* 2.0763	* 1.8502	* 1.7868	* 1.7700	* 1.9600	* 1.7569	* 2.9695
11	* 1.2336	* 1.4375	* 1.3547	* 1.3625	* 1.2779	* 1.4020	* 1.3620	* 0.6482
	* 2.0197	* 1.7672	* 1.7870	* 1.7788	* 1.8043	* 1.7374	* 1.8636	* 3.5698
12	* 1.5087	* 1.2270	* 1.4234	* 1.2773	* 0.9835	* 1.1149	* 0.8290	
	* 1.6832	* 2.0290	* 1.7703	* 1.8070	* 1.9076	* 1.8252	* 2.5610	
13	* 1.1624	* 1.2921	* 1.2622	* 1.4003	* 1.1116	* 0.5892	* 0.4751	
	* 2.0952	* 1.9035	* 1.9608	* 1.7423	* 1.8368	* 3.1531	* 3.9823	
14	* 1.2160	* 1.4003	* 1.4253	* 1.3607	* 0.8268	* 0.4544		
	* 1.7530	* 1.7340	* 1.7572	* 1.8684	* 2.5727	* 4.1457		
15	* 0.6734	* 0.7439	* 0.7395	* 0.6480	F-SUB-Q			
	* 2.8749	* 2.8707	* 2.9671	* 3.5699	M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9227	* 1.2927	* 1.6835	* 1.3837	* 1.7403	* 1.3177	* 1.5614	* 0.8227
	* 2.2892	* 1.9981	* 1.5696	* 1.8900	* 1.5298	* 1.9614	* 1.5788	* 2.7187
9	* 1.2927	* 1.5436	* 1.3301	* 1.6549	* 1.3753	* 1.4549	* 1.6528	* 0.8388
	* 1.9981	* 1.6897	* 1.9413	* 1.6115	* 1.8989	* 1.7753	* 1.5651	* 2.7288
10	* 1.6835	* 1.3313	* 1.4369	* 1.5447	* 1.6467	* 1.4113	* 1.6572	* 0.8220
	* 1.5696	* 1.9402	* 1.7249	* 1.6647	* 1.6125	* 1.8265	* 1.5849	* 2.8293
11	* 1.3837	* 1.6554	* 1.5447	* 1.5727	* 1.4347	* 1.6106	* 1.5670	* 0.7121
	* 1.8900	* 1.6110	* 1.6648	* 1.6138	* 1.6778	* 1.5714	* 1.6859	* 3.3844
12	* 1.7403	* 1.3754	* 1.6466	* 1.4340	* 1.0902	* 1.2768	* 0.9061	
	* 1.5298	* 1.8991	* 1.6127	* 1.6805	* 1.7817	* 1.6661	* 2.4293	
13	* 1.3177	* 1.4540	* 1.4109	* 1.6086	* 1.2728	* 0.6768	* 0.5157	
	* 1.9614	* 1.7765	* 1.8272	* 1.5760	* 1.6765	* 2.8490	* 3.8031	
14	* 1.5614	* 1.6530	* 1.6571	* 1.5654	* 0.9037	* 0.4904		
	* 1.5788	* 1.5648	* 1.5851	* 1.6902	* 2.4407	* 3.9821		
15	* 0.8227	* 0.8400	* 0.8227	* 0.7122	F-SUB-Q			
	* 2.7187	* 2.7198	* 2.8268	* 3.3830	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9766	* 1.3704	* 1.8058	* 1.4562	* 1.8512	* 1.3912	* 1.7461	* 0.9088
	* 2.3158	* 2.0008	* 1.5532	* 1.8958	* 1.5163	* 1.9762	* 1.5622	* 2.7208
9	* 1.3704	* 1.6685	* 1.4153	* 1.7703	* 1.4456	* 1.5266	* 1.7786	* 0.8985
	* 2.0008	* 1.6724	* 1.9487	* 1.5872	* 1.9057	* 1.7869	* 1.5508	* 2.7366
10	* 1.8058	* 1.4168	* 1.5747	* 1.6402	* 1.7609	* 1.4787	* 1.7666	* 0.8711
	* 1.5532	* 1.9474	* 1.7365	* 1.6667	* 1.5942	* 1.8306	* 1.5643	* 2.8370
11	* 1.4562	* 1.7704	* 1.6403	* 1.6933	* 1.5100	* 1.7054	* 1.6612	* 0.7476
	* 1.8958	* 1.5871	* 1.6668	* 1.5901	* 1.6792	* 1.5543	* 1.6441	* 3.3511
12	* 1.8512	* 1.4459	* 1.7609	* 1.5093	* 1.1469	* 1.3552	* 0.9526	
	* 1.5163	* 1.9058	* 1.5944	* 1.6820	* 1.7920	* 1.6510	* 2.4153	
13	* 1.3912	* 1.5257	* 1.4785	* 1.7034	* 1.3510	* 0.7181	* 0.5388	
	* 1.9762	* 1.7881	* 1.8314	* 1.5590	* 1.6616	* 2.8108	* 3.8076	
14	* 1.7461	* 1.7789	* 1.7666	* 1.6596	* 0.9502	* 0.5133		
	* 1.5622	* 1.5506	* 1.5645	* 1.6463	* 2.4267	* 3.9795		
15	* 0.9088	* 0.9010	* 0.8719	* 0.7478	* F-SUB-Q			
	* 2.7208	* 2.7255	* 2.8343	* 3.3500	* M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0065	* 1.4083	* 1.8633	* 1.4884	* 1.8993	* 1.4211	* 1.8142	* 0.9479
	* 2.4000	* 2.0658	* 1.5935	* 1.9524	* 1.5539	* 2.0475	* 1.6059	* 2.7941
9	* 1.4083	* 1.7262	* 1.4549	* 1.8300	* 1.4761	* 1.5539	* 1.8308	* 0.9338
	* 2.0658	* 1.7193	* 2.0122	* 1.6246	* 1.9618	* 1.8419	* 1.5927	* 2.8112
10	* 1.8633	* 1.4564	* 1.6235	* 1.6815	* 1.8123	* 1.5044	* 1.8113	* 0.8971
	* 1.5935	* 2.0106	* 1.7986	* 1.7197	* 1.6177	* 1.8765	* 1.5948	* 2.9114
11	* 1.4884	* 1.8303	* 1.6816	* 1.7487	* 1.5431	* 1.7442	* 1.6984	* 0.7662
	* 1.9524	* 1.6243	* 1.7198	* 1.6296	* 1.7390	* 1.5988	* 1.6655	* 3.3823
12	* 1.8993	* 1.4764	* 1.8123	* 1.5424	* 1.1749	* 1.3891	* 0.9782	
	* 1.5539	* 1.9618	* 1.6185	* 1.7420	* 1.8638	* 1.7040	* 2.4780	
13	* 1.4211	* 1.5530	* 1.5044	* 1.7422	* 1.3847	* 0.7364	* 0.5518	
	* 2.0475	* 1.8432	* 1.8773	* 1.6036	* 1.7158	* 2.9021	* 3.9348	
14	* 1.8142	* 1.8313	* 1.8114	* 1.6969	* 0.9757	* 0.5264		
	* 1.6059	* 1.5924	* 1.5951	* 1.6675	* 2.4897	* 4.1072		
15	* 0.9479	* 0.9370	* 0.8981	* 0.7664	* F-SUB-Q			
	* 2.7941	* 2.8015	* 2.9089	* 3.3810	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0194	* 1.4320	* 1.9065	* 1.5057	* 1.9347	* 1.4336	* 1.8554	* 0.9572
	* 2.5019	* 2.1337	* 1.6289	* 2.0155	* 1.5918	* 2.1115	* 1.6486	* 2.9098
9	* 1.4320	* 1.7688	* 1.4765	* 1.8733	* 1.4925	* 1.5684	* 1.8674	* 0.9410
	* 2.1337	* 1.7650	* 2.0749	* 1.6548	* 2.0259	* 1.9022	* 1.6243	* 2.9306
10	* 1.9065	* 1.4783	* 1.6498	* 1.7062	* 1.8481	* 1.5176	* 1.8442	* 0.8986
	* 1.6289	* 2.0731	* 1.8612	* 1.7649	* 1.6546	* 1.9407	* 1.6315	* 3.0159
11	* 1.5057	* 1.8737	* 1.7064	* 1.7905	* 1.5646	* 1.7760	* 1.7286	* 0.7671
	* 2.0155	* 1.6545	* 1.7649	* 1.6800	* 1.8175	* 1.6547	* 1.7166	* 3.5359
12	* 1.9347	* 1.4929	* 1.8482	* 1.5639	* 1.1847	* 1.4163		* 0.9814
	* 1.5918	* 2.0258	* 1.6553	* 1.8206	* 1.9584	* 1.7788		* 2.6138
13	* 1.4336	* 1.5673	* 1.5177	* 1.7740	* 1.4119	* 0.7518		* 0.5539
	* 2.1115	* 1.9035	* 1.9414	* 1.6595	* 1.7904	* 3.0246		* 4.1640
14	* 1.8554	* 1.8680	* 1.8444	* 1.7272	* 0.9790	* 0.5268		
	* 1.6486	* 1.6240	* 1.6316	* 1.7185	* 2.6256	* 4.3603		
15	* 0.9572	* 0.9446	* 0.8996	* 0.7675	F-SUB-Q			
	* 2.9098	* 2.9202	* 3.0129	* 3.5336	M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0288	* 1.4385	* 1.9182	* 1.5046	* 1.9395	* 1.4280	* 1.8607	* 0.9559
	* 2.6763	* 2.2614	* 1.7188	* 2.1407	* 1.6838	* 2.2422	* 1.7270	* 3.0573
9	* 1.4385	* 1.7823	* 1.4790	* 1.8840	* 1.4907	* 1.5626	* 1.8716	* 0.9383
	* 2.2614	* 1.8605	* 2.1984	* 1.7445	* 2.1529	* 2.0228	* 1.7113	* 3.0859
10	* 1.9182	* 1.4809	* 1.6517	* 1.7077	* 1.8565	* 1.5126	* 1.8475	* 0.8946
	* 1.7188	* 2.1963	* 1.9684	* 1.8709	* 1.7493	* 2.0649	* 1.7247	* 3.1992
11	* 1.5046	* 1.8845	* 1.7080	* 1.8037	* 1.5680	* 1.7830	* 1.7339	* 0.7643
	* 2.1407	* 1.7441	* 1.8708	* 1.7785	* 1.9301	* 1.7540	* 1.8236	* 3.7714
12	* 1.9395	* 1.4912	* 1.8560	* 1.5673	* 1.1920	* 1.4273		* 0.9822
	* 1.6838	* 2.1526	* 1.7500	* 1.9335	* 2.0832	* 1.8837		* 2.7762
13	* 1.4280	* 1.5617	* 1.5127	* 1.7812	* 1.4228	* 0.7609		* 0.5554
	* 2.2422	* 2.0241	* 2.0655	* 1.7591	* 1.8958	* 3.2102		* 4.4383
14	* 1.8607	* 1.8723	* 1.8478	* 1.7326	* 0.9799	* 0.5275		
	* 1.7270	* 1.7108	* 1.7246	* 1.8253	* 2.7888	* 4.6528		
15	* 0.9559	* 0.9424	* 0.8957	* 0.7647	F-SUB-Q			
	* 3.0573	* 3.0726	* 3.1956	* 3.7682	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0407	* 1.4410	* 1.9258	* 1.4987	* 1.9409	* 1.4183	* 1.8603	* 0.9474
	* 2.9256	* 2.4482	* 1.8515	* 2.3213	* 1.8158	* 2.4316	* 1.8523	* 3.3046
9	* 1.4410	* 1.7924	* 1.4759	* 1.8900	* 1.4839	* 1.5541	* 1.8708	* 0.9270
	* 2.4482	* 2.0027	* 2.3817	* 1.8774	* 2.3352	* 2.1934	* 1.8411	* 3.3426
10	* 1.9258	* 1.4779	* 1.6501	* 1.7047	* 1.8631	* 1.5054	* 1.8475	* 0.8849
	* 1.8515	* 2.3792	* 2.1292	* 2.0253	* 1.8856	* 2.2405	* 1.8588	* 3.4783
11	* 1.4987	* 1.8905	* 1.7050	* 1.8141	* 1.5685	* 1.7889	* 1.7373	* 0.7568
	* 2.3213	* 1.8769	* 2.0251	* 1.9184	* 2.0939	* 1.8952	* 1.9672	* 4.1078
12	* 1.9409	* 1.4845	* 1.8625	* 1.5678	* 1.2016	* 1.4391	* 0.9776	
	* 1.8158	* 2.3348	* 1.8863	* 2.0975	* 2.2682	* 2.0382	* 3.0244	
13	* 1.4183	* 1.5533	* 1.5052	* 1.7871	* 1.4345	* 0.7723	* 0.5550	
	* 2.4316	* 2.1947	* 2.2408	* 1.9007	* 2.0512	* 3.4672	* 4.8300	
14	* 1.8603	* 1.8716	* 1.8479	* 1.7360	* 0.9752	* 0.5253		
	* 1.8523	* 1.8405	* 1.8585	* 1.9690	* 3.0382	* 5.0820		
15	* 0.9474	* 0.9307	* 0.8860	* 0.7573	F-SUB-Q			
	* 3.3046	* 3.3297	* 3.4738	* 4.1040	M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0461	* 1.4232	* 1.8894	* 1.4736	* 1.8992	* 1.3910	* 1.8170	* 0.9427
	* 3.2321	* 2.7242	* 2.0607	* 2.5632	* 2.0128	* 2.6853	* 2.0625	* 3.6075
9	* 1.4232	* 1.7617	* 1.4539	* 1.8546	* 1.4592	* 1.5222	* 1.8277	* 0.9248
	* 2.7242	* 2.2384	* 2.6381	* 2.0819	* 2.5770	* 2.4230	* 2.0405	* 3.6428
10	* 1.8894	* 1.4559	* 1.6214	* 1.6751	* 1.8294	* 1.4766	* 1.8067	* 0.8822
	* 2.0607	* 2.6353	* 2.3701	* 2.2425	* 2.0860	* 2.4703	* 2.0547	* 3.7662
11	* 1.4736	* 1.8552	* 1.6754	* 1.7850	* 1.5454	* 1.7560	* 1.7032	* 0.7562
	* 2.5632	* 2.0813	* 2.2422	* 2.1250	* 2.3310	* 2.1070	* 2.1723	* 4.4234
12	* 1.8992	* 1.4597	* 1.8290	* 1.5447	* 1.2089	* 1.4216	* 0.9864	
	* 2.0128	* 2.5765	* 2.0865	* 2.3350	* 2.5402	* 2.2791	* 3.2875	
13	* 1.3910	* 1.5214	* 1.4765	* 1.7542	* 1.4169	* 0.7659	* 0.5590	
	* 2.6853	* 2.4242	* 2.4705	* 2.1126	* 2.2944	* 3.8868	* 5.3011	
14	* 1.8170	* 1.8284	* 1.8071	* 1.7020	* 0.9839	* 0.5321		
	* 2.0625	* 2.0397	* 2.0542	* 2.1737	* 3.3020	* 5.5461		
15	* 0.9427	* 0.9283	* 0.8833	* 0.7566	F-SUB-Q			
	* 3.6075	* 3.6293	* 3.7612	* 4.4194	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0398	* 1.4254	* 1.9057	* 1.4715	* 1.9096	* 1.3825	* 1.8262	* 0.9263
	* 3.5792	* 2.9779	* 2.2341	* 2.8094	* 2.1852	* 2.9344	* 2.2159	* 3.9525
9	* 1.4254	* 1.7794	* 1.4515	* 1.8687	* 1.4545	* 1.5178	* 1.8368	* 0.9052
	* 2.9779	* 2.4229	* 2.8876	* 2.2564	* 2.8253	* 2.6510	* 2.2035	* 4.0070
10	* 1.9057	* 1.4536	* 1.6237	* 1.6764	* 1.8450	* 1.4735	* 1.8178	* 0.8639
	* 2.2341	* 2.8843	* 2.5828	* 2.4506	* 2.2674	* 2.7056	* 2.2275	* 4.1733
11	* 1.4715	* 1.8694	* 1.6767	* 1.8031	* 1.5485	* 1.7720	* 1.7189	* 0.7428
	* 2.8094	* 2.2555	* 2.4501	* 2.3324	* 2.5720	* 2.3141	* 2.3627	* 4.9213
12	* 1.9096	* 1.4550	* 1.8445	* 1.5478	* 1.1984	* 1.4377	* 0.9694	
	* 2.1852	* 2.8246	* 2.2678	* 2.5765	* 2.8038	* 2.5012	* 3.7029	
13	* 1.3825	* 1.5171	* 1.4734	* 1.7702	* 1.4329	* 0.7777	* 0.5535	
	* 2.9344	* 2.6520	* 2.7053	* 2.3204	* 2.5170	* 4.2663	* 5.9394	
14	* 1.8262	* 1.8376	* 1.8184	* 1.7177	* 0.9671	* 0.5236		
	* 2.2159	* 2.2024	* 2.2266	* 2.3639	* 3.7188	* 6.2521		
15	* 0.9263	* 0.9094	* 0.8651	* 0.7433	* F-SUB-Q			
	* 3.9525	* 3.9896	* 4.1670	* 4.9152	* M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0364	* 1.4197	* 1.8990	* 1.4614	* 1.8975	* 1.3678	* 1.8121	* 0.9176
	* 3.6275	* 3.0756	* 2.4439	* 3.0948	* 2.4279	* 3.2642	* 2.4568	* 4.3792
9	* 1.4197	* 1.7753	* 1.4423	* 1.8599	* 1.4432	* 1.5036	* 1.8235	* 0.8968
	* 3.0756	* 2.5548	* 3.1568	* 2.5013	* 3.1358	* 2.9537	* 2.4433	* 4.4411
10	* 1.8990	* 1.4445	* 1.6142	* 1.6659	* 1.8388	* 1.4618	* 1.8076	* 0.8561
	* 2.4439	* 3.1529	* 2.8357	* 2.7336	* 2.4895	* 3.0117	* 2.4703	* 4.6272
11	* 1.4614	* 1.8607	* 1.6663	* 1.8000	* 1.5425	* 1.7690	* 1.7155	* 0.7385
	* 3.0948	* 2.5001	* 2.7329	* 2.4309	* 2.7052	* 2.4441	* 2.6149	* 5.4575
12	* 1.8975	* 1.4438	* 1.8383	* 1.5418	* 1.1956	* 1.4408	* 0.9693	
	* 2.4279	* 3.1346	* 2.4919	* 2.7097	* 2.9716	* 2.6540	* 3.9484	
13	* 1.3678	* 1.5028	* 1.4617	* 1.7672	* 1.4359	* 0.7825	* 0.5557	
	* 3.2642	* 2.9546	* 3.0110	* 2.4503	* 2.6701	* 4.5508	* 6.3734	
14	* 1.8121	* 1.8244	* 1.8082	* 1.7144	* 0.9669	* 0.5256		
	* 2.4568	* 2.4420	* 2.4690	* 2.6197	* 3.9650	* 6.7070		
15	* 0.9176	* 0.9012	* 0.8573	* 0.7390	* F-SUB-Q			
	* 4.3792	* 4.4190	* 4.6197	* 5.4494	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0399	* 1.4100	* 1.8739	* 1.4451	* 1.8669	* 1.3475	* 1.7790	* 0.9140
	* 3.6686	* 3.1090	* 2.3730	* 2.9998	* 2.3623	* 3.2071	* 2.4796	* 4.3809
9	* 1.4100	* 1.7562	* 1.4276	* 1.8345	* 1.4265	* 1.4814	* 1.7937	* 0.8949
	* 3.1090	* 2.5646	* 3.0560	* 2.4305	* 3.0425	* 2.9185	* 2.4728	* 4.4360
10	* 1.8739	* 1.4299	* 1.5955	* 1.6467	* 1.8186	* 1.4469	* 1.7814	* 0.8558
	* 2.3730	* 3.0521	* 2.7503	* 2.6615	* 2.4868	* 3.0338	* 2.5233	* 4.6623
11	* 1.4451	* 1.8353	* 1.6471	* 1.7851	* 1.5326	* 1.7545	* 1.7000	* 0.7414
	* 2.9998	* 2.4292	* 2.6606	* 2.4709	* 2.7485	* 2.4879	* 2.6610	* 5.5541
12	* 1.8669	* 1.4271	* 1.8180	* 1.5318	* 1.2041	* 1.4391	* 0.9853	
	* 2.3623	* 3.0413	* 2.4859	* 2.7526	* 3.0243	* 2.6972	* 3.9370	
13	* 1.3475	* 1.4806	* 1.4464	* 1.7526	* 1.4340	* 0.7853	* 0.5656	
	* 3.2071	* 2.9198	* 3.0327	* 2.4942	* 2.7152	* 4.6338	* 6.3890	
14	* 1.7790	* 1.7946	* 1.7820	* 1.6987	* 0.9827	* 0.5370		
	* 2.4796	* 2.4713	* 2.5214	* 2.6658	* 3.9540	* 6.6988		
15	* 0.9140	* 0.8983	* 0.8569	* 0.7417	F-SUB-Q			
	* 4.3809	* 4.4186	* 4.6539	* 5.5457	M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0532	* 1.4287	* 1.9012	* 1.4507	* 1.8847	* 1.3454	* 1.7950	* 0.9023
	* 3.5204	* 2.9857	* 2.2666	* 2.8917	* 2.2628	* 3.1037	* 2.3719	* 4.2829
9	* 1.4287	* 1.7906	* 1.4351	* 1.8572	* 1.4308	* 1.4862	* 1.8131	* 0.8797
	* 2.9857	* 2.4452	* 2.9469	* 2.3255	* 2.9408	* 2.8189	* 2.3665	* 4.3563
10	* 1.9012	* 1.4373	* 1.6088	* 1.6601	* 1.8505	* 1.4628	* 1.8057	* 0.8436
	* 2.2666	* 2.9429	* 2.6453	* 2.5629	* 2.3839	* 2.9282	* 2.4144	* 4.5791
11	* 1.4507	* 1.8580	* 1.6604	* 1.8265	* 1.5609	* 1.7982	* 1.7376	* 0.7352
	* 2.8917	* 2.3242	* 2.5620	* 2.3833	* 2.6638	* 2.3986	* 2.5530	* 5.4483
12	* 1.8847	* 1.4314	* 1.8498	* 1.5601	* 1.2226	* 1.4905	* 0.9881	
	* 2.2628	* 2.9395	* 2.3830	* 2.6681	* 2.9336	* 2.5957	* 3.8532	
13	* 1.3454	* 1.4853	* 1.4622	* 1.7959	* 1.4848	* 0.8234	* 0.5752	
	* 3.1037	* 2.8202	* 2.9270	* 2.4041	* 2.6108	* 4.3971	* 6.1502	
14	* 1.7950	* 1.8140	* 1.8061	* 1.7362	* 0.9854	* 0.5427		
	* 2.3719	* 2.3650	* 2.4125	* 2.5569	* 3.8686	* 6.4867		
15	* 0.9023	* 0.8838	* 0.8447	* 0.7357	F-SUB-Q			
	* 4.2829	* 4.3350	* 4.5705	* 5.4386	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1165	* 1.4533	* 1.9160	* 1.4533	* 1.8884	* 1.3402	* 1.7961	* 0.8966
	* 3.2092	* 2.7201	* 2.1087	* 2.6954	* 2.1131	* 2.9004	* 2.2122	* 3.9857
9	* 1.4533	* 1.8194	* 1.4409	* 1.8663	* 1.4327	* 1.4860	* 1.8192	* 0.8742
	* 2.7201	* 2.2516	* 2.7428	* 2.1665	* 2.7463	* 2.6341	* 2.2071	* 4.0602
10	* 1.9160	* 1.4431	* 1.6170	* 1.6688	* 1.8734	* 1.4794	* 1.8180	* 0.8397
	* 2.1087	* 2.7389	* 2.4621	* 2.3911	* 2.2144	* 2.7037	* 2.2456	* 4.2581
11	* 1.4533	* 1.8673	* 1.6690	* 1.8676	* 1.6000	* 1.8429	* 1.7697	* 0.7371
	* 2.6954	* 2.1653	* 2.3903	* 2.1640	* 2.4221	* 2.1750	* 2.3148	* 5.0366
12	* 1.8884	* 1.4333	* 1.8726	* 1.5987	* 1.3037	* 1.5599	* 1.0129	*
	* 2.1131	* 2.7450	* 2.2161	* 2.4261	* 2.6730	* 2.3553	* 3.5180	*
13	* 1.3402	* 1.4850	* 1.4785	* 1.8402	* 1.5532	* 0.8829	* 0.5986	*
	* 2.9004	* 2.6352	* 2.7071	* 2.1801	* 2.3690	* 3.9905	* 5.6266	*
14	* 1.7961	* 1.8199	* 1.8183	* 1.7679	* 1.0098	* 0.5631	*	*
	* 2.2122	* 2.2056	* 2.2438	* 2.3185	* 3.5321	* 5.9508	*	*
15	* 0.8966	* 0.8778	* 0.8408	* 0.7375	* F-SUB-Q			
	* 3.9857	* 4.0424	* 4.2501	* 5.0272	* M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2085	* 1.4804	* 1.9239	* 1.4543	* 1.8859	* 1.3346	* 1.7900	* 0.8949
	* 2.9372	* 2.4813	* 1.9012	* 2.4366	* 1.9079	* 2.6262	* 1.9987	* 3.6004
9	* 1.4804	* 1.8448	* 1.4454	* 1.8690	* 1.4330	* 1.4849	* 1.8190	* 0.8720
	* 2.4813	* 2.0386	* 2.4779	* 1.9557	* 2.4847	* 2.3846	* 1.9931	* 3.6649
10	* 1.9239	* 1.4477	* 1.6235	* 1.6748	* 1.8919	* 1.4956	* 1.8243	* 0.8407
	* 1.9012	* 2.4748	* 2.2229	* 2.1605	* 2.0015	* 2.4658	* 2.0237	* 3.8434
11	* 1.4543	* 1.8699	* 1.6750	* 1.9080	* 1.6442	* 1.8884	* 1.7974	* 0.7436
	* 2.4366	* 1.9546	* 2.1598	* 1.9853	* 2.2276	* 1.9951	* 2.1195	* 4.5327
12	* 1.8859	* 1.4336	* 1.8908	* 1.6426	* 1.4232	* 1.6680	* 1.0478	*
	* 1.9079	* 2.4835	* 2.0007	* 2.2313	* 2.4651	* 2.1665	* 3.2241	*
13	* 1.3346	* 1.4838	* 1.4944	* 1.8846	* 1.6584	* 0.9568	* 0.6291	*
	* 2.6262	* 2.3857	* 2.4649	* 1.9997	* 2.1793	* 3.6823	* 5.1813	*
14	* 1.7900	* 1.8196	* 1.8245	* 1.7951	* 1.0442	* 0.5929	*	*
	* 1.9987	* 1.9918	* 2.0222	* 2.1228	* 3.2369	* 5.4697	*	*
15	* 0.8949	* 0.8761	* 0.8418	* 0.7439	* F-SUB-Q			
	* 3.6004	* 3.6461	* 3.8363	* 4.5248	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2660	* 1.4931	* 1.9128	* 1.4483	* 1.8673	* 1.3241	* 1.7689	* 0.8963
	* 2.9190	* 2.4608	* 1.8886	* 2.4161	* 1.8973	* 2.6071	* 1.9892	* 3.5410
9	* 1.4931	* 1.8474	* 1.4422	* 1.8532	* 1.4267	* 1.4756	* 1.8035	* 0.8753
	* 2.4608	* 2.0226	* 2.4544	* 1.9459	* 2.4650	* 2.3657	* 1.9817	* 3.5952
10	* 1.9128	* 1.4445	* 1.6188	* 1.6697	* 1.8900	* 1.5026	* 1.8182	* 0.8463
	* 1.8886	* 2.4512	* 2.2043	* 2.1426	* 1.9878	* 2.4431	* 2.0070	* 3.7665
11	* 1.4483	* 1.8541	* 1.6698	* 1.9240	* 1.6678	* 1.9123	* 1.8064	* 0.7533
	* 2.4161	* 1.9447	* 2.1418	* 1.9829	* 2.2188	* 1.9890	* 2.1059	* 4.4280
12	* 1.8673	* 1.4272	* 1.8885	* 1.6658	* 1.5045	* 1.7441	* 1.0859	
	* 1.8973	* 2.4638	* 1.9871	* 2.2218	* 2.4417	* 2.1582	* 3.1558	
13	* 1.3241	* 1.4745	* 1.5011	* 1.9079	* 1.7328	* 1.0024	* 0.6575	
	* 2.6071	* 2.3666	* 2.4424	* 1.9936	* 2.1717	* 3.6765	* 5.1041	
14	* 1.7689	* 1.8040	* 1.8171	* 1.8037	* 1.0816	* 0.6221		
	* 1.9892	* 1.9804	* 2.0057	* 2.1083	* 3.1688	* 5.3665		
15	* 0.8963	* 0.8788	* 0.8472	* 0.7533	* F-SUB-Q			
	* 3.5410	* 3.5807	* 3.7597	* 4.4216	* M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2893	* 1.5081	* 1.9378	* 1.4510	* 1.8861	* 1.3234	* 1.7880	* 0.8838
	* 2.6607	* 2.2349	* 1.7177	* 2.2217	* 1.7297	* 2.4034	* 1.8116	* 3.3101
9	* 1.5081	* 1.8794	* 1.4481	* 1.8728	* 1.4291	* 1.4818	* 1.8267	* 0.8627
	* 2.2349	* 1.8348	* 2.2557	* 1.7747	* 2.2711	* 2.1783	* 1.8036	* 3.3762
10	* 1.9378	* 1.4498	* 1.6315	* 1.6815	* 1.9206	* 1.5173	* 1.8520	* 0.8334
	* 1.7177	* 2.2524	* 2.0169	* 1.9624	* 1.8066	* 2.2371	* 1.8206	* 3.5267
11	* 1.4510	* 1.8737	* 1.6815	* 1.9650	* 1.7053	* 1.9600	* 1.8471	* 0.7452
	* 2.2217	* 1.7736	* 1.9618	* 1.7928	* 2.0264	* 1.7952	* 1.8931	* 4.1303
12	* 1.8861	* 1.4296	* 1.9188	* 1.7026	* 1.5365	* 1.8011	* 1.0828	
	* 1.7297	* 2.2699	* 1.8069	* 2.0290	* 2.2579	* 1.9722	* 2.9465	
13	* 1.3234	* 1.4805	* 1.5156	* 1.9550	* 1.7896	* 1.0402	* 0.6620	
	* 2.4034	* 2.1794	* 2.2365	* 1.7991	* 1.9838	* 3.3598	* 4.7972	
14	* 1.7880	* 1.8272	* 1.8506	* 1.8441	* 1.0785	* 0.6216		
	* 1.8116	* 1.8025	* 1.8195	* 1.8957	* 2.9578	* 5.0812		
15	* 0.8838	* 0.8650	* 0.8343	* 0.7453	* F-SUB-Q			
	* 3.3101	* 3.3612	* 3.5205	* 4.1235	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2823	1.4957	1.9184	1.4336	1.8656	1.3079	1.7703	0.8727
	2.4733	2.0901	1.6112	2.0917	1.6268	2.2654	1.7032	3.1260
9	1.4957	1.8647	1.4338	1.8507	1.4121	1.4672	1.8124	0.8526
	2.0901	1.7078	2.1198	1.6700	2.1408	2.0472	1.6919	3.1871
10	1.9184	1.4355	1.6177	1.6654	1.9043	1.5078	1.8432	0.8241
	1.6112	2.1166	1.8899	1.8408	1.6900	2.0835	1.7024	3.3226
11	1.4336	1.8517	1.6655	1.9528	1.7021	1.9559	1.8425	0.7387
	2.0917	1.6690	1.8403	1.6776	1.8828	1.6717	1.7603	3.8744
12	1.8656	1.4126	1.9024	1.6993	1.5354	1.8037	1.0793	
	1.6268	2.1397	1.6905	1.8861	2.0838	1.8191	2.7479	
13	1.3079	1.4658	1.5057	1.9507	1.7917	1.0413	0.6610	
	2.2654	2.0482	2.0851	1.6757	1.8304	3.1159	4.4571	
14	1.7703	1.8128	1.8416	1.8391	1.0748	0.6203		
	1.7032	1.6908	1.7015	1.7619	2.7591	4.7240		
15	0.8727	0.8548	0.8249	0.7387	F-SUB-Q			
	3.1260	3.1729	3.3171	3.8689	M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2469	1.4511	1.8418	1.3889	1.7924	1.2710	1.7019	0.8590
	2.4004	1.9927	1.5719	2.0278	1.5918	2.1954	1.6679	2.9958
9	1.4511	1.7922	1.3909	1.7741	1.3687	1.4286	1.7455	0.8384
	1.9927	1.6502	2.0494	1.6355	2.0751	1.9815	1.6508	3.0433
10	1.8418	1.3926	1.5697	1.6135	1.8332	1.4668	1.7767	0.8146
	1.5719	2.0466	1.8248	1.7798	1.6414	1.9963	1.6563	3.1649
11	1.3889	1.7750	1.6135	1.8779	1.6555	1.8895	1.7775	0.7310
	2.0278	1.6344	1.7794	1.6251	1.8234	1.6164	1.6952	3.6725
12	1.7924	1.3691	1.8318	1.6527	1.5068	1.7488	1.0748	
	1.5918	2.0743	1.6423	1.8256	2.0004	1.7670	2.5991	
13	1.2710	1.4274	1.4646	1.8842	1.7358	1.0031	0.6548	
	2.1954	1.9826	1.9983	1.6198	1.7796	3.0461	4.2462	
14	1.7019	1.7458	1.7749	1.7739	1.0700	0.6195		
	1.6679	1.6499	1.6558	1.6976	2.6093	4.4645		
15	0.8590	0.8418	0.8154	0.7307	F-SUB-Q			
	2.9958	3.0307	3.1600	3.6693	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2043	1.3966	1.7714	1.3333	1.7257	1.2258	1.6406	0.8162
	2.2962	1.9472	1.5456	2.0001	1.5696	2.1653	1.6460	3.0060
9	1.3966	1.7234	1.3378	1.6989	1.3149	1.3789	1.6845	0.7988
	1.9472	1.6136	2.0154	1.6182	2.0470	1.9416	1.6239	3.0583
10	1.7714	1.3395	1.5210	1.5581	1.7640	1.4152	1.7138	0.7729
	1.5456	2.0123	1.7800	1.7418	1.6125	1.9492	1.6256	3.1727
11	1.3333	1.6997	1.5581	1.8028	1.6025	1.8233	1.7142	0.6917
	2.0001	1.6172	1.7414	1.5869	1.7580	1.5680	1.6562	3.6755
12	1.7257	1.3153	1.7626	1.5997	1.4491	1.6861	1.0126	
	1.5696	2.0463	1.6133	1.7611	1.9516	1.7201	2.5801	
13	1.2258	1.3776	1.4130	1.8179	1.6742	0.9607	0.6199	
	2.1653	1.9429	1.9515	1.5719	1.7314	3.0101	4.2352	
14	1.6406	1.6847	1.7119	1.7106	1.0081	0.5815		
	1.6460	1.6231	1.6252	1.6589	2.5907	4.4910		
15	0.8162	0.8008	0.7736	0.6914	F-SUB-Q			
	3.0060	3.0448	3.1681	3.6725	M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1041	1.2778	1.5911	1.2197	1.5521	1.1240	1.4729	0.7472
	2.3835	2.0206	1.6450	2.0950	1.6744	2.2710	1.7638	3.1660
9	1.2778	1.5503	1.2244	1.5236	1.2037	1.2651	1.5129	0.7321
	2.0206	1.7042	2.1058	1.7277	2.1420	2.0301	1.7361	3.2191
10	1.5911	1.2260	1.3965	1.4286	1.5900	1.2970	1.5360	0.7074
	1.6450	2.1029	1.8536	1.8151	1.7056	2.0269	1.7355	3.3362
11	1.2197	1.5243	1.4286	1.6208	1.4673	1.6392	1.5356	0.6297
	2.0950	1.7267	1.8149	1.6825	1.8243	1.6620	1.7651	3.8713
12	1.5521	1.2040	1.5887	1.4648	1.3325	1.5195	0.9227	
	1.6744	2.1414	1.7066	1.8275	2.0100	1.8098	2.6990	
13	1.1240	1.2639	1.2950	1.6344	1.5086	0.8566	0.5674	
	2.2710	2.0315	2.0289	1.6663	1.8222	3.1941	4.3951	
14	1.4729	1.5130	1.5343	1.5323	0.9186	0.5296		
	1.7638	1.7354	1.7353	1.7678	2.7107	4.6837		
15	0.7472	0.7339	0.7080	0.6293	F-SUB-Q			
	3.1660	3.2055	3.3317	3.8702	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 250 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8907	* 1.0326	* 1.2943	* 0.9872	* 1.2552	* 0.9054	* 1.1877	* 0.6098
	* 2.8324	* 2.4044	* 1.9501	* 2.5035	* 2.0048	* 2.7370	* 2.1242	* 3.7736
9	* 1.0326	* 1.2650	* 0.9891	* 1.2638	* 0.9764	* 1.0198	* 1.2107	* 0.5912
	* 2.4044	* 2.0098	* 2.5136	* 2.0120	* 2.5539	* 2.4397	* 2.1036	* 3.8677
10	* 1.2943	* 0.9901	* 1.1398	* 1.1569	* 1.3053	* 1.0473	* 1.2250	* 0.5728
	* 1.9501	* 2.5106	* 2.1939	* 2.1641	* 1.9849	* 2.4153	* 2.1030	* 4.0038
11	* 0.9872	* 1.2643	* 1.1568	* 1.3379	* 1.1837	* 1.3122	* 1.2139	* 0.5034
	* 2.5035	* 2.0110	* 2.1638	* 1.9560	* 2.1707	* 1.9987	* 2.1535	* 4.6937
12	* 1.2552	* 0.9766	* 1.3042	* 1.1819	* 1.0795	* 1.1942	* 0.7424	
	* 2.0048	* 2.5534	* 1.9858	* 2.1732	* 2.3928	* 2.2195	* 3.2445	
13	* 0.9054	* 1.0189	* 1.0460	* 1.3088	* 1.1857	* 0.6606	* 0.4612	
	* 2.7370	* 2.4412	* 2.4179	* 2.0029	* 2.2347	* 3.9951	* 5.2244	
14	* 1.1877	* 1.2108	* 1.2237	* 1.2115	* 0.7392	* 0.4275		
	* 2.1243	* 2.1028	* 2.1029	* 2.1567	* 3.2583	* 5.6059		
15	* 0.6098	* 0.5931	* 0.5732	* 0.5022	* F-SUB-Q			
	* 3.7736	* 3.8532	* 3.9987	* 4.7000	* M-SUB-Q			

AT 50% POWER, 250 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3972	* 0.4364	* 0.5195	* 0.4395	* 0.5003	* 0.4005	* 0.4451	* 0.2541
	* 6.1389	* 5.5057	* 4.7100	* 5.4584	* 4.8843	* 6.0205	* 5.5043	* 8.8032
9	* 0.4364	* 0.5054	* 0.4396	* 0.5189	* 0.4366	* 0.4167	* 0.4525	* 0.2465
	* 5.5057	* 4.8585	* 5.4820	* 4.7559	* 5.5422	* 5.7904	* 5.4604	* 9.0268
10	* 0.5195	* 0.4402	* 0.4608	* 0.4733	* 0.5355	* 0.4411	* 0.4557	* 0.2407
	* 4.7100	* 5.4773	* 5.2534	* 5.1203	* 4.6837	* 5.5515	* 5.4621	* 9.2694
11	* 0.4395	* 0.5189	* 0.4732	* 0.5429	* 0.4803	* 0.5164	* 0.4484	* 0.2151
	* 5.4584	* 4.7547	* 5.1205	* 4.6442	* 5.1429	* 4.9063	* 5.6398	* 10.6750
12	* 0.5003	* 0.4366	* 0.5350	* 0.4797	* 0.4402	* 0.4680	* 0.3125	
	* 4.8843	* 5.5417	* 4.6862	* 5.1489	* 5.6709	* 5.4866	* 7.4641	
13	* 0.4005	* 0.4164	* 0.4405	* 0.5150	* 0.4650	* 0.3725	* 0.1902	
	* 6.0205	* 5.7936	* 5.5580	* 4.9174	* 5.5195	* 6.9094	* 12.3346	
14	* 0.4451	* 0.4525	* 0.4555	* 0.4474	* 0.3111	* 0.1821		
	* 5.5043	* 5.4587	* 5.4625	* 5.6497	* 7.4953	* 12.8169		
15	* 0.2541	* 0.2472	* 0.2409	* 0.2145	* F-SUB-Q			
	* 8.8032	* 8.9971	* 9.2586	* 10.6926	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3394	* 0.4412	* 0.5530	* 0.5063	* 0.5772	* 0.4531	* 0.3846	* 0.2147
	* 5.0152	* 4.9077	* 4.1168	* 4.4224	* 4.0547	* 4.7651	* 4.5796	* 7.0374
9	* 0.4412	* 0.4973	* 0.4664	* 0.5711	* 0.5020	* 0.4834	* 0.4789	* 0.2686
	* 4.9077	* 4.3826	* 4.5759	* 4.0348	* 4.4548	* 4.5824	* 4.5769	* 7.1276
10	* 0.5530	* 0.4666	* 0.4090	* 0.5118	* 0.5746	* 0.4970	* 0.5095	* 0.2791
	* 4.1168	* 4.5756	* 4.3651	* 4.2101	* 4.0649	* 4.4710	* 4.5705	* 7.1172
11	* 0.5063	* 0.5709	* 0.5118	* 0.5456	* 0.4960	* 0.5436	* 0.4929	* 0.2528
	* 4.4224	* 4.0351	* 4.2102	* 4.1571	* 4.3670	* 4.2429	* 4.6584	* 8.2261
12	* 0.5772	* 0.5020	* 0.5745	* 0.4959	* 0.3781	* 0.4341	* 0.3267	
	* 4.0547	* 4.4557	* 4.0654	* 4.3719	* 4.5253	* 4.6405	* 6.2231	
13	* 0.4531	* 0.4832	* 0.4969	* 0.5432	* 0.4332	* 0.3326	* 0.1968	
	* 4.7651	* 4.5840	* 4.4749	* 4.2478	* 4.6600	* 5.4483	* 9.6267	
14	* 0.3846	* 0.4789	* 0.5094	* 0.4925	* 0.3261	* 0.1921		
	* 4.5796	* 4.5760	* 4.5739	* 4.6639	* 6.2396	* 9.7666		
15	* 0.2147	* 0.2688	* 0.2792	* 0.2526	F-SUB-Q			
	* 7.0374	* 7.1103	* 7.1127	* 8.2291	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6891	* 0.9583	* 1.2315	* 1.0445	* 1.2830	* 0.9435	* 0.8898	* 0.4836
	* 2.6574	* 2.3618	* 1.9298	* 2.2375	* 1.9036	* 2.3830	* 2.0226	* 3.2799
9	* 0.9583	* 1.1085	* 0.9684	* 1.2387	* 1.0375	* 1.0795	* 1.1340	* 0.6034
	* 2.3618	* 2.0478	* 2.2962	* 1.9266	* 2.2488	* 2.1417	* 2.0036	* 3.2949
10	* 1.2315	* 0.9689	* 0.8961	* 1.1389	* 1.2731	* 1.0832	* 1.2069	* 0.6212
	* 1.9298	* 2.2956	* 2.0499	* 1.9681	* 1.9365	* 2.1642	* 2.0201	* 3.3407
11	* 1.0445	* 1.2384	* 1.1389	* 1.1905	* 1.1076	* 1.2241	* 1.1753	* 0.5556
	* 2.2375	* 1.9268	* 1.9681	* 1.9485	* 2.0158	* 1.9835	* 2.0574	* 3.9446
12	* 1.2830	* 1.0374	* 1.2728	* 1.1073	* 0.8369	* 0.9958	* 0.7271	
	* 1.9036	* 2.2491	* 1.9367	* 2.0182	* 2.1146	* 2.1186	* 2.9403	
13	* 0.9435	* 1.0791	* 1.0828	* 1.2232	* 0.9936	* 0.5441	* 0.4469	
	* 2.3830	* 2.1426	* 2.1660	* 1.9857	* 2.1288	* 3.5321	* 4.3442	
14	* 0.8898	* 1.1341	* 1.2065	* 1.1745	* 0.7256	* 0.4289		
	* 2.0226	* 2.0031	* 2.0199	* 2.0597	* 2.9483	* 4.4830		
15	* 0.4836	* 0.6038	* 0.6214	* 0.5552	F-SUB-Q			
	* 3.2799	* 3.2858	* 3.3384	* 3.9462	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8471	* 1.1687	* 1.5092	* 1.2690	* 1.5652	* 1.1554	* 1.1285	* 0.6164
	* 2.3206	* 2.0216	* 1.6426	* 1.9173	* 1.6231	* 2.0304	* 1.7029	* 2.7575
9	* 1.1687	* 1.3453	* 1.1876	* 1.4938	* 1.2608	* 1.3100	* 1.4000	* 0.7554
	* 2.0216	* 1.7723	* 1.9606	* 1.6641	* 1.9274	* 1.8345	* 1.6938	* 2.7557
10	* 1.5092	* 1.1884	* 1.1177	* 1.3847	* 1.5222	* 1.3062	* 1.4741	* 0.7607
	* 1.6426	* 1.9598	* 1.7685	* 1.6858	* 1.6829	* 1.8601	* 1.7105	* 2.8113
11	* 1.2690	* 1.4940	* 1.3847	* 1.4316	* 1.3323	* 1.4907	* 1.4398	* 0.6914
	* 1.9173	* 1.6641	* 1.6857	* 1.6822	* 1.7246	* 1.6846	* 1.7338	* 3.2865
12	* 1.5652	* 1.2609	* 1.5219	* 1.3319	* 1.0294	* 1.2096	* 0.9014	
	* 1.6231	* 1.9275	* 1.6832	* 1.7268	* 1.8257	* 1.7786	* 2.4350	
13	* 1.1554	* 1.3094	* 1.3058	* 1.4895	* 1.2067	* 0.6746	* 0.5414	
	* 2.0304	* 1.8353	* 1.8617	* 1.6871	* 1.7880	* 2.9212	* 3.6782	
14	* 1.1285	* 1.4002	* 1.4738	* 1.4388	* 0.8995	* 0.5195		
	* 1.7029	* 1.6934	* 1.7103	* 1.7357	* 2.4444	* 3.7954		
15	* 0.6164	* 0.7560	* 0.7610	* 0.6912	F-SUB-Q			
	* 2.7575	* 2.7467	* 2.8092	* 3.2860	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9322	* 1.3002	* 1.7238	* 1.4013	* 1.7729	* 1.2846	* 1.3576	* 0.7304
	* 2.2296	* 1.9210	* 1.5199	* 1.8259	* 1.5052	* 1.9387	* 1.5681	* 2.6538
9	* 1.3002	* 1.5477	* 1.3302	* 1.7050	* 1.3913	* 1.4473	* 1.6164	* 0.8301
	* 1.9210	* 1.6350	* 1.8632	* 1.5354	* 1.8332	* 1.7465	* 1.5622	* 2.6582
10	* 1.7238	* 1.3312	* 1.2981	* 1.5487	* 1.7304	* 1.4327	* 1.6690	* 0.8297
	* 1.5199	* 1.8622	* 1.6778	* 1.5974	* 1.5508	* 1.7606	* 1.5777	* 2.7298
11	* 1.4013	* 1.7051	* 1.5488	* 1.6402	* 1.4721	* 1.6759	* 1.6220	* 0.7467
	* 1.8259	* 1.5352	* 1.5972	* 1.5513	* 1.6330	* 1.5514	* 1.5924	* 3.1607
12	* 1.7729	* 1.3915	* 1.7301	* 1.4718	* 1.1203	* 1.3582	* 0.9665	
	* 1.5052	* 1.8332	* 1.5511	* 1.6352	* 1.7384	* 1.6542	* 2.3491	
13	* 1.2846	* 1.4467	* 1.4324	* 1.6747	* 1.3549	* 0.7585	* 0.5767	
	* 1.9387	* 1.7472	* 1.7619	* 1.5531	* 1.6623	* 2.6880	* 3.5683	
14	* 1.3576	* 1.6169	* 1.6688	* 1.6211	* 0.9645	* 0.5490		
	* 1.5681	* 1.5617	* 1.5773	* 1.5941	* 2.3582	* 3.7119		
15	* 0.7304	* 0.8309	* 0.8302	* 0.7469	F-SUB-Q			
	* 2.6538	* 2.6491	* 2.7275	* 3.1587	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9791	* 1.3674	* 1.8297	* 1.4612	* 1.8628	* 1.3524	* 1.6061	* 0.8536
	* 2.2856	* 1.9555	* 1.5319	* 1.8585	* 1.5184	* 1.9834	* 1.5827	* 2.6992
9	* 1.3674	* 1.6701	* 1.4117	* 1.8229	* 1.4547	* 1.5051	* 1.7331	* 0.8829
	* 1.9555	* 1.6457	* 1.8963	* 1.5387	* 1.8619	* 1.7829	* 1.5785	* 2.7027
10	* 1.8297	* 1.4131	* 1.4661	* 1.6376	* 1.8266	* 1.4775	* 1.7558	* 0.8710
	* 1.5319	* 1.8951	* 1.7133	* 1.6236	* 1.5495	* 1.7838	* 1.5867	* 2.7764
11	* 1.4612	* 1.8232	* 1.6378	* 1.7492	* 1.5307	* 1.7419	* 1.6879	* 0.7738
	* 1.8585	* 1.5385	* 1.6234	* 1.5548	* 1.6604	* 1.5549	* 1.5932	* 3.1884
12	* 1.8628	* 1.4551	* 1.8264	* 1.5304	* 1.1632	* 1.4147	* 0.9991	
	* 1.5184	* 1.8617	* 1.5497	* 1.6626	* 1.7752	* 1.6669	* 2.3713	
13	* 1.3524	* 1.5046	* 1.4774	* 1.7409	* 1.4114	* 0.7900	* 0.5925	
	* 1.9834	* 1.7836	* 1.7850	* 1.5565	* 1.6751	* 2.6922	* 3.6212	
14	* 1.6061	* 1.7337	* 1.7563	* 1.6873	* 0.9971	* 0.5656		
	* 1.5827	* 1.5779	* 1.5874	* 1.5946	* 2.3780	* 3.7561		
15	* 0.8536	* 0.8843	* 0.8720	* 0.7742	* F-SUB-Q			
	* 2.6992	* 2.6923	* 2.7739	* 3.1858	* M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0052	* 1.4007	* 1.8789	* 1.4875	* 1.8980	* 1.3843	* 1.7559	* 0.9301
	* 2.3915	* 2.0447	* 1.5954	* 1.9360	* 1.5766	* 2.0811	* 1.6512	* 2.8055
9	* 1.4007	* 1.7386	* 1.4551	* 1.8794	* 1.4819	* 1.5261	* 1.7891	* 0.9191
	* 2.0447	* 1.7135	* 1.9810	* 1.5973	* 1.9351	* 1.8607	* 1.6460	* 2.8121
10	* 1.8789	* 1.4566	* 1.5840	* 1.6793	* 1.8642	* 1.4906	* 1.7884	* 0.8991
	* 1.5954	* 1.9795	* 1.7948	* 1.6949	* 1.5925	* 1.8623	* 1.6439	* 2.8866
11	* 1.4875	* 1.8798	* 1.6797	* 1.7987	* 1.5506	* 1.7561	* 1.7021	* 0.7857
	* 1.9360	* 1.5970	* 1.6947	* 1.6146	* 1.7391	* 1.6175	* 1.6559	* 3.2998
12	* 1.8980	* 1.4824	* 1.8642	* 1.5504	* 1.1805	* 1.4272	* 1.0143	
	* 1.5766	* 1.9349	* 1.5927	* 1.7410	* 1.8672	* 1.7422	* 2.4482	
13	* 1.3843	* 1.5256	* 1.4909	* 1.7554	* 1.4240	* 0.7969	* 0.5977	
	* 2.0811	* 1.8615	* 1.8634	* 1.6189	* 1.7508	* 2.8108	* 3.7788	
14	* 1.7559	* 1.7899	* 1.7891	* 1.7017	* 1.0125	* 0.5725		
	* 1.6512	* 1.6453	* 1.6435	* 1.6571	* 2.4544	* 3.9069		
15	* 0.9301	* 0.9212	* 0.9002	* 0.7862	* F-SUB-Q			
	* 2.8055	* 2.8026	* 2.8841	* 3.2966	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0125	* 1.4192	* 1.9137	* 1.4994	* 1.9225	* 1.3964	* 1.8130	* 0.9506
	* 2.5133	* 2.1317	* 1.6486	* 2.0189	* 1.6349	* 2.1678	* 1.7164	* 2.9590
9	* 1.4192	* 1.7818	* 1.4750	* 1.9171	* 1.4929	* 1.5349	* 1.8230	* 0.9366
	* 2.1317	* 1.7754	* 2.0621	* 1.6449	* 2.0188	* 1.9423	* 1.6993	* 2.9653
10	* 1.9137	* 1.4767	* 1.6195	* 1.6993	* 1.8907	* 1.4949	* 1.8105	* 0.9004
	* 1.6486	* 2.0603	* 1.8738	* 1.7599	* 1.6502	* 1.9607	* 1.7034	* 3.0223
11	* 1.4994	* 1.9176	* 1.6997	* 1.8298	* 1.5589	* 1.7650	* 1.7127	* 0.7810
	* 2.0189	* 1.6445	* 1.7596	* 1.6833	* 1.8346	* 1.6981	* 1.7352	* 3.4980
12	* 1.9225	* 1.4935	* 1.8908	* 1.5588	* 1.1760	* 1.4341	* 1.0028	
	* 1.6349	* 2.0184	* 1.6502	* 1.8365	* 1.9799	* 1.8362	* 2.6172	
13	* 1.3964	* 1.5344	* 1.4953	* 1.7645	* 1.4311	* 0.8006	* 0.5916	
	* 2.1678	* 1.9430	* 1.9614	* 1.6993	* 1.8451	* 2.9546	* 4.0305	
14	* 1.8130	* 1.8240	* 1.8115	* 1.7125	* 1.0010	* 0.5642		
	* 1.7164	* 1.6986	* 1.7027	* 1.7362	* 2.6244	* 4.1862		
15	* 0.9506	* 0.9396	* 0.9016	* 0.7817	F-SUB-Q			
	* 2.9590	* 2.9552	* 3.0192	* 3.4935	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0115	* 1.4190	* 1.9162	* 1.4954	* 1.9179	* 1.3889	* 1.8207	* 0.9525
	* 2.7007	* 2.2773	* 1.7555	* 2.1597	* 1.7423	* 2.3177	* 1.8117	* 3.1292
9	* 1.4190	* 1.7894	* 1.4729	* 1.9198	* 1.4857	* 1.5240	* 1.8234	* 0.9369
	* 2.2773	* 1.8860	* 2.2020	* 1.7489	* 2.1570	* 2.0783	* 1.8055	* 3.1417
10	* 1.9162	* 1.4747	* 1.6199	* 1.6934	* 1.8873	* 1.4826	* 1.8040	* 0.8949
	* 1.7555	* 2.2000	* 1.9967	* 1.8813	* 1.7445	* 2.0882	* 1.8096	* 3.2299
11	* 1.4954	* 1.9204	* 1.6939	* 1.8287	* 1.5492	* 1.7532	* 1.7020	* 0.7734
	* 2.1597	* 1.7484	* 1.8809	* 1.7959	* 1.9612	* 1.8188	* 1.8550	* 3.7215
12	* 1.9179	* 1.4864	* 1.8875	* 1.5491	* 1.1661	* 1.4265	* 0.9928	
	* 1.7423	* 2.1565	* 1.7445	* 1.9633	* 2.1179	* 1.9569	* 2.7970	
13	* 1.3889	* 1.5236	* 1.4831	* 1.7528	* 1.4235	* 0.7973	* 0.5858	
	* 2.3177	* 2.0790	* 2.0886	* 1.8198	* 1.9662	* 3.1506	* 4.3125	
14	* 1.8207	* 1.8243	* 1.8051	* 1.7020	* 0.9912	* 0.5580		
	* 1.8117	* 1.8045	* 1.8089	* 1.8556	* 2.8071	* 4.4845		
15	* 0.9525	* 0.9406	* 0.8962	* 0.7743	F-SUB-Q			
	* 3.1292	* 3.1287	* 3.2260	* 3.7154	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0100	* 1.4138	* 1.9130	* 1.4847	* 1.9093	* 1.3753	* 1.8163	* 0.9433
	* 2.9556	* 2.4545	* 1.8772	* 2.3090	* 1.8554	* 2.4872	* 1.9533	* 3.3971
9	* 1.4138	* 1.7906	* 1.4634	* 1.9162	* 1.4727	* 1.5093	* 1.8170	* 0.9241
	* 2.4545	* 2.0281	* 2.3686	* 1.8636	* 2.3075	* 2.2197	* 1.9271	* 3.4173
10	* 1.9130	* 1.4652	* 1.6120	* 1.6813	* 1.8803	* 1.4673	* 1.7936	* 0.8812
	* 1.8772	* 2.3662	* 2.1609	* 2.0120	* 1.8647	* 2.2582	* 1.9243	* 3.4722
11	* 1.4847	* 1.9169	* 1.6819	* 1.8238	* 1.5370	* 1.7425	* 1.6916	* 0.7617
	* 2.3090	* 1.8630	* 2.0115	* 1.9368	* 2.1354	* 1.9685	* 2.0032	* 4.0289
12	* 1.9093	* 1.4734	* 1.8806	* 1.5370	* 1.1565	* 1.4214	* 0.9782	
	* 1.8554	* 2.3068	* 1.8644	* 2.1377	* 2.3098	* 2.1248	* 3.0594	
13	* 1.3753	* 1.5090	* 1.4679	* 1.7423	* 1.4185	* 0.7975	* 0.5792	
	* 2.4872	* 2.2203	* 2.2584	* 1.9690	* 2.1347	* 3.4128	* 4.7059	
14	* 1.8163	* 1.8180	* 1.7949	* 1.6918	* 0.9767	* 0.5492		
	* 1.9533	* 1.9260	* 1.9232	* 2.0034	* 3.0703	* 4.9152		
15	* 0.9433	* 0.9283	* 0.8826	* 0.7626	* F-SUB-Q			
	* 3.3971	* 3.4081	* 3.4680	* 4.0211	* M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0160	* 1.3943	* 1.8695	* 1.4565	* 1.8615	* 1.3453	* 1.7699	* 0.9393
	* 3.2725	* 2.6988	* 2.0748	* 2.5463	* 2.0534	* 2.7286	* 2.1265	* 3.6178
9	* 1.3943	* 1.7522	* 1.4361	* 1.8728	* 1.4426	* 1.4731	* 1.7702	* 0.9212
	* 2.6988	* 2.2355	* 2.6033	* 2.0558	* 2.5457	* 2.4511	* 2.1165	* 3.6416
10	* 1.8695	* 1.4380	* 1.5779	* 1.6457	* 1.8369	* 1.4344	* 1.7466	* 0.8777
	* 2.0748	* 2.6006	* 2.3679	* 2.2205	* 2.0694	* 2.5050	* 2.1288	* 3.7311
11	* 1.4565	* 1.8735	* 1.6463	* 1.7845	* 1.5146	* 1.7000	* 1.6486	* 0.7576
	* 2.5463	* 2.0549	* 2.2197	* 2.1492	* 2.3832	* 2.2018	* 2.2356	* 4.3881
12	* 1.8615	* 1.4434	* 1.8373	* 1.5148	* 1.1606	* 1.3963	* 0.9805	
	* 2.0534	* 2.5448	* 2.0690	* 2.3857	* 2.5857	* 2.3760	* 3.3399	
13	* 1.3453	* 1.4728	* 1.4351	* 1.6999	* 1.3935	* 0.7866	* 0.5796	
	* 2.7286	* 2.4516	* 2.5045	* 2.2020	* 2.3877	* 3.8221	* 5.1620	
14	* 1.7699	* 1.7713	* 1.7479	* 1.6489	* 0.9791	* 0.5539		
	* 2.1265	* 2.1150	* 2.1273	* 2.2354	* 3.3510	* 5.3507		
15	* 0.9393	* 0.9245	* 0.8791	* 0.7584	* F-SUB-Q			
	* 3.6178	* 3.6281	* 3.7260	* 4.3799	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0107	* 1.3863	* 1.8733	* 1.4453	* 1.8606	* 1.3309	* 1.7700	* 0.9176
	* 3.5683	* 2.9973	* 2.2824	* 2.8270	* 2.2596	* 3.0219	* 2.3122	* 4.0155
9	* 1.3863	* 1.7603	* 1.4257	* 1.8758	* 1.4300	* 1.4611	* 1.7694	* 0.8982
	* 2.9973	* 2.4527	* 2.8884	* 2.2588	* 2.8288	* 2.7149	* 2.3118	* 4.0516
10	* 1.8733	* 1.4277	* 1.5714	* 1.6358	* 1.8393	* 1.4219	* 1.7460	* 0.8549
	* 2.2824	* 2.8852	* 2.6157	* 2.4605	* 2.2824	* 2.7835	* 2.3387	* 4.1852
11	* 1.4453	* 1.8766	* 1.6364	* 1.7893	* 1.4993	* 1.7027	* 1.6511	* 0.7401
	* 2.8270	* 2.2578	* 2.4597	* 2.3723	* 2.6318	* 2.4345	* 2.4644	* 4.9251
12	* 1.8606	* 1.4309	* 1.8398	* 1.4993	* 1.1507	* 1.4037	* 0.9584	
	* 2.2596	* 2.8276	* 2.2816	* 2.6346	* 2.8611	* 2.6161	* 3.7559	
13	* 1.3309	* 1.4609	* 1.4225	* 1.7027	* 1.4009	* 0.7955	* 0.5708	
	* 3.0219	* 2.7152	* 2.7826	* 2.4335	* 2.6281	* 4.2114	* 5.8013	
14	* 1.7700	* 1.7705	* 1.7475	* 1.6516	* 0.9571	* 0.5413		
	* 2.3122	* 2.3103	* 2.3366	* 2.4635	* 3.7684	* 6.0590		
15	* 0.9176	* 0.9028	* 0.8564	* 0.7410	* F-SUB-Q			
	* 4.0155	* 4.0300	* 4.1789	* 4.9142	* M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0046	* 1.3737	* 1.8566	* 1.4284	* 1.8398	* 1.3115	* 1.7487	* 0.9057
	* 3.6275	* 3.0752	* 2.4736	* 3.0670	* 2.4816	* 3.3479	* 2.5995	* 4.5084
9	* 1.3737	* 1.7469	* 1.4096	* 1.8577	* 1.4119	* 1.4405	* 1.7479	* 0.8867
	* 3.0752	* 2.5763	* 3.1251	* 2.4798	* 3.1150	* 3.0369	* 2.5994	* 4.5482
10	* 1.8566	* 1.4116	* 1.5540	* 1.6167	* 1.8218	* 1.4031	* 1.7262	* 0.8436
	* 2.4736	* 3.1216	* 2.8415	* 2.7214	* 2.4844	* 3.0441	* 2.6305	* 4.7017
11	* 1.4284	* 1.8586	* 1.6173	* 1.7743	* 1.4835	* 1.6874	* 1.6362	* 0.7317
	* 3.0670	* 2.4786	* 2.7201	* 2.4404	* 2.7208	* 2.5274	* 2.7086	* 5.5544
12	* 1.8398	* 1.4128	* 1.8223	* 1.4835	* 1.1423	* 1.3970	* 0.9520	
	* 2.4816	* 3.1135	* 2.4853	* 2.7235	* 2.9880	* 2.7264	* 3.9263	
13	* 1.3115	* 1.4403	* 1.4039	* 1.6874	* 1.3941	* 0.7952	* 0.5688	
	* 3.3479	* 3.0375	* 3.0463	* 2.5311	* 2.7383	* 4.4047	* 6.0941	
14	* 1.7487	* 1.7490	* 1.7277	* 1.6368	* 0.9506	* 0.5396		
	* 2.5995	* 2.5976	* 2.6279	* 2.7109	* 3.9388	* 6.3614		
15	* 0.9057	* 0.8916	* 0.8451	* 0.7327	* F-SUB-Q			
	* 4.5083	* 4.5224	* 4.6941	* 5.5409	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0011	* 1.3581	* 1.8239	* 1.4069	* 1.8031	* 1.2878	* 1.7110	* 0.9014
	* 3.7063	* 3.1314	* 2.4212	* 2.9952	* 2.4345	* 3.2761	* 2.5716	* 4.4061
9	* 1.3581	* 1.7174	* 1.3890	* 1.8251	* 1.3896	* 1.4131	* 1.7107	* 0.8822
	* 3.1314	* 2.5951	* 3.0498	* 2.4283	* 3.0464	* 2.9781	* 2.5802	* 4.4472
10	* 1.8239	* 1.3911	* 1.5281	* 1.5908	* 1.7914	* 1.3801	* 1.6921	* 0.8406
	* 2.4212	* 3.0462	* 2.7793	* 2.6630	* 2.5097	* 3.0764	* 2.6386	* 4.6397
11	* 1.4069	* 1.8260	* 1.5914	* 1.7469	* 1.4701	* 1.6594	* 1.6090	* 0.7302
	* 2.9952	* 2.4269	* 2.6617	* 2.5069	* 2.7926	* 2.6020	* 2.7881	* 5.5502
12	* 1.8031	* 1.3904	* 1.7920	* 1.4702	* 1.1389	* 1.3814	* 0.9585	
	* 2.4345	* 3.0448	* 2.5084	* 2.7954	* 3.0650	* 2.8011	* 3.9596	
13	* 1.2878	* 1.4129	* 1.3808	* 1.6595	* 1.3785	* 0.7881	* 0.5724	
	* 3.2761	* 2.9786	* 3.0747	* 2.6058	* 2.8138	* 4.5313	* 6.1733	
14	* 1.7110	* 1.7118	* 1.6937	* 1.6095	* 0.9572	* 0.5457		
	* 2.5716	* 2.5781	* 2.6354	* 2.7903	* 3.9719	* 6.4115		
15	* 0.9014	* 0.8855	* 0.8421	* 0.7311	* F-SUB-Q			
	* 4.4061	* 4.4298	* 4.6310	* 5.5360	* M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9961	* 1.3604	* 1.8388	* 1.4050	* 1.8119	* 1.2808	* 1.7185	* 0.8848
	* 3.6192	* 3.0427	* 2.3356	* 2.9160	* 2.3547	* 3.1996	* 2.4847	* 4.3558
9	* 1.3604	* 1.7364	* 1.3882	* 1.8388	* 1.3870	* 1.4106	* 1.7185	* 0.8637
	* 3.0427	* 2.4976	* 2.9686	* 2.3448	* 2.9709	* 2.9035	* 2.4939	* 4.4082
10	* 1.8388	* 1.3903	* 1.5318	* 1.5928	* 1.8083	* 1.3788	* 1.7040	* 0.8239
	* 2.3356	* 2.9649	* 2.6980	* 2.5898	* 2.4208	* 3.0006	* 2.5512	* 4.6043
11	* 1.4050	* 1.8397	* 1.5935	* 1.7670	* 1.4701	* 1.6792	* 1.6286	* 0.7199
	* 2.9160	* 2.3434	* 2.5885	* 2.4659	* 2.7610	* 2.5590	* 2.7270	* 5.4943
12	* 1.8119	* 1.3879	* 1.8089	* 1.4701	* 1.1334	* 1.4048	* 0.9487	
	* 2.3547	* 2.9693	* 2.4195	* 2.7638	* 3.0311	* 2.7453	* 3.9370	
13	* 1.2808	* 1.4104	* 1.3795	* 1.6792	* 1.4017	* 0.8064	* 0.5722	
	* 3.1996	* 2.9040	* 2.9987	* 2.5623	* 2.7562	* 4.3655	* 6.0137	
14	* 1.7185	* 1.7197	* 1.7056	* 1.6291	* 0.9474	* 0.5413		
	* 2.4847	* 2.4918	* 2.5480	* 2.7267	* 3.9485	* 6.2919		
15	* 0.8848	* 0.8683	* 0.8254	* 0.7209	* F-SUB-Q			
	* 4.3558	* 4.3838	* 4.5954	* 5.4789	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0082	* 1.3707	* 1.8471	* 1.4041	* 1.8121	* 1.2738	* 1.7159	* 0.8779
	* 3.2586	* 2.7680	* 2.2063	* 2.7578	* 2.2297	* 3.0260	* 2.3494	* 4.0984
9	* 1.3707	* 1.7515	* 1.3890	* 1.8443	* 1.3857	* 1.4068	* 1.7175	* 0.8551
	* 2.7680	* 2.3124	* 2.8043	* 2.2190	* 2.8127	* 2.7466	* 2.3582	* 4.1561
10	* 1.8471	* 1.3912	* 1.5345	* 1.5954	* 1.8213	* 1.3850	* 1.7089	* 0.8170
	* 2.2063	* 2.8009	* 2.5474	* 2.4535	* 2.2533	* 2.7793	* 2.4069	* 4.3362
11	* 1.4041	* 1.8453	* 1.5961	* 1.7884	* 1.4864	* 1.7012	* 1.6464	* 0.7190
	* 2.7578	* 2.2178	* 2.4522	* 2.2202	* 2.4876	* 2.2985	* 2.4476	* 5.1339
12	* 1.8121	* 1.3867	* 1.8218	* 1.4862	* 1.1507	* 1.4391	* 0.9606	
	* 2.2297	* 2.8112	* 2.2539	* 2.4901	* 2.7317	* 2.4675	* 3.5598	
13	* 1.2738	* 1.4065	* 1.3855	* 1.7011	* 1.4357	* 0.8354	* 0.5853	
	* 3.0260	* 2.7471	* 2.7808	* 2.3013	* 2.4773	* 3.9197	* 5.4408	
14	* 1.7159	* 1.7190	* 1.7104	* 1.6469	* 0.9592	* 0.5518		
	* 2.3494	* 2.3563	* 2.4040	* 2.4490	* 3.5699	* 5.7116		
15	* 0.8779	* 0.8592	* 0.8184	* 0.7201	F-SUB-Q			
	* 4.0984	* 4.1358	* 4.3280	* 5.1193	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0696	* 1.3934	* 1.8578	* 1.4070	* 1.8125	* 1.2703	* 1.7117	* 0.8775
	* 2.9453	* 2.4943	* 1.9612	* 2.4560	* 1.9868	* 2.7016	* 2.0948	* 3.6516
9	* 1.3934	* 1.7735	* 1.3943	* 1.8511	* 1.3885	* 1.4072	* 1.7179	* 0.8560
	* 2.4943	* 2.0814	* 2.4955	* 1.9729	* 2.5067	* 2.4519	* 2.1019	* 3.6975
10	* 1.8578	* 1.3966	* 1.5424	* 1.6031	* 1.8406	* 1.4001	* 1.7148	* 0.8202
	* 1.9612	* 2.4923	* 2.2661	* 2.1834	* 2.0321	* 2.5196	* 2.1411	* 3.8536
11	* 1.4070	* 1.8521	* 1.6037	* 1.8241	* 1.5199	* 1.7370	* 1.6701	* 0.7257
	* 2.4560	* 1.9718	* 2.1823	* 2.0112	* 2.2594	* 2.0850	* 2.2178	* 4.5568
12	* 1.8125	* 1.3894	* 1.8409	* 1.5196	* 1.2289	* 1.4991	* 0.9917	
	* 1.9868	* 2.5049	* 2.0311	* 2.2612	* 2.4872	* 2.2430	* 3.2229	
13	* 1.2703	* 1.4069	* 1.4003	* 1.7365	* 1.4950	* 0.8896	* 0.6127	
	* 2.7016	* 2.4524	* 2.5205	* 2.0874	* 2.2518	* 3.5695	* 4.9463	
14	* 1.7117	* 1.7193	* 1.7162	* 1.6703	* 0.9898	* 0.5793		
	* 2.0948	* 2.1002	* 2.1384	* 2.2188	* 3.2320	* 5.1770		
15	* 0.8775	* 0.8609	* 0.8216	* 0.7266	F-SUB-Q			
	* 3.6516	* 3.6760	* 3.8463	* 4.5443	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1692	* 1.4222	* 1.8620	* 1.4113	* 1.8056	* 1.2671	* 1.7000	* 0.8849
	* 2.8808	* 2.4399	* 1.9140	* 2.3938	* 1.9440	* 2.6405	* 2.0538	* 3.5301
9	* 1.4222	* 1.7920	* 1.4005	* 1.8497	* 1.3976	* 1.4124	* 1.7114	* 0.8640
	* 2.4399	* 2.0336	* 2.4307	* 1.9278	* 2.4432	* 2.3947	* 2.0596	* 3.5715
10	* 1.8620	* 1.4028	* 1.5488	* 1.6100	* 1.8548	* 1.4184	* 1.7145	* 0.8308
	* 1.9140	* 2.4275	* 2.2103	* 2.1279	* 1.9854	* 2.4589	* 2.0923	* 3.7153
11	* 1.4113	* 1.8507	* 1.6106	* 1.8599	* 1.5629	* 1.7759	* 1.6906	* 0.7395
	* 2.3938	* 1.9266	* 2.1268	* 1.9773	* 2.2182	* 2.0501	* 2.1787	* 4.3841
12	* 1.8056	* 1.3984	* 1.8550	* 1.5622	* 1.3526	* 1.5879	* 1.0413	
	* 1.9440	* 2.4417	* 1.9844	* 2.2202	* 2.4246	* 2.2018	* 3.1086	
13	* 1.2671	* 1.4122	* 1.4184	* 1.7745	* 1.5816	* 0.9640	* 0.6513	
	* 2.6405	* 2.3951	* 2.4576	* 2.0524	* 2.2109	* 3.5107	* 4.7997	
14	* 1.7000	* 1.7127	* 1.7157	* 1.6905	* 1.0390	* 0.6188		
	* 2.0538	* 2.0579	* 2.0898	* 2.1789	* 3.1173	* 4.9985		
15	* 0.8849	* 0.8673	* 0.8322	* 0.7402	F-SUB-Q			
	* 3.5301	* 3.5573	* 3.7085	* 4.3731	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2411	* 1.4614	* 1.9069	* 1.4282	* 1.8391	* 1.2763	* 1.7301	* 0.8773
	* 2.5890	* 2.1804	* 1.7113	* 2.1649	* 1.7439	* 2.3963	* 1.8427	* 3.2551
9	* 1.4614	* 1.8541	* 1.4201	* 1.8890	* 1.4087	* 1.4253	* 1.7460	* 0.8540
	* 2.1804	* 1.8096	* 2.1968	* 1.7267	* 2.2103	* 2.1662	* 1.8469	* 3.3071
10	* 1.9069	* 1.4222	* 1.5774	* 1.6390	* 1.9103	* 1.4505	* 1.7598	* 0.8223
	* 1.7113	* 2.1938	* 1.9889	* 1.9172	* 1.7719	* 2.2110	* 1.8699	* 3.4349
11	* 1.4282	* 1.8900	* 1.6395	* 1.9315	* 1.6196	* 1.8522	* 1.7495	* 0.7391
	* 2.1649	* 1.7256	* 1.9163	* 1.7600	* 1.9902	* 1.8260	* 1.9310	* 4.0220
12	* 1.8391	* 1.4096	* 1.9099	* 1.6187	* 1.4493	* 1.6988	* 1.0580	
	* 1.7439	* 2.2089	* 1.7710	* 1.9917	* 2.2077	* 1.9847	* 2.8641	
13	* 1.2763	* 1.4248	* 1.4503	* 1.8502	* 1.6916	* 1.0420	* 0.6734	
	* 2.3962	* 2.1663	* 2.2116	* 1.8278	* 1.9924	* 3.1584	* 4.4377	
14	* 1.7301	* 1.7472	* 1.7604	* 1.7490	* 1.0554	* 0.6340		
	* 1.8427	* 1.8455	* 1.8678	* 1.9315	* 2.8715	* 4.6634		
15	* 0.8773	* 0.8574	* 0.8237	* 0.7399	F-SUB-Q			
	* 3.2551	* 3.2901	* 3.4287	* 4.0113	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2675	1.4775	1.9198	1.4326	1.8453	1.2772	1.7346	0.8771
	2.3629	2.0054	1.5715	1.9978	1.6080	2.2174	1.7003	3.0173
9	1.4775	1.8769	1.4266	1.8973	1.4132	1.4305	1.7545	0.8544
	2.0054	1.6544	2.0249	1.5903	2.0398	1.9981	1.7026	3.0667
10	1.9198	1.4288	1.5877	1.6493	1.9318	1.4654	1.7779	0.8238
	1.5715	2.0220	1.8283	1.7634	1.6207	2.0263	1.7164	3.1765
11	1.4326	1.8983	1.6498	1.9623	1.6489	1.8863	1.7750	0.7437
	1.9978	1.5893	1.7626	1.6141	1.8212	1.6703	1.7683	3.7015
12	1.8453	1.4140	1.9313	1.6476	1.4925	1.7495	1.0780	
	1.6080	2.0385	1.6204	1.8229	2.0028	1.7975	2.6222	
13	1.2772	1.4301	1.4651	1.8841	1.7417	1.0759	0.6904	
	2.2174	1.9984	2.0263	1.6722	1.8049	2.8749	4.0472	
14	1.7346	1.7556	1.7782	1.7742	1.0751	0.6497		
	1.7003	1.7013	1.7146	1.7681	2.6295	4.2552		
15	0.8771	0.8569	0.8251	0.7444	F-SUB-Q			
	3.0173	3.0508	3.1709	3.6921	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2623	1.4640	1.8839	1.4156	1.8094	1.2628	1.6992	0.8802
	2.2394	1.8693	1.4943	1.8911	1.5354	2.1032	1.6265	2.8226
9	1.4640	1.8462	1.4109	1.8578	1.4078	1.4285	1.7230	0.8586
	1.8693	1.5584	1.9133	1.5187	1.9309	1.8891	1.6255	2.8586
10	1.8839	1.4131	1.5697	1.6307	1.8960	1.4554	1.7506	0.8315
	1.4943	1.9110	1.7274	1.6655	1.5333	1.8958	1.6312	2.9512
11	1.4156	1.8588	1.6311	1.9363	1.6435	1.8653	1.7515	0.7499
	1.8911	1.5178	1.6648	1.5232	1.7189	1.5802	1.6629	3.4327
12	1.8094	1.4085	1.8954	1.6421	1.5032	1.7407	1.0990	
	1.5354	1.9298	1.5332	1.7200	1.8811	1.7071	2.4287	
13	1.2628	1.4281	1.4549	1.8628	1.7323	1.0656	0.7014	
	2.1032	1.8890	1.8961	1.5816	1.7148	2.7468	3.7753	
14	1.6992	1.7241	1.7508	1.7504	1.0958	0.6652		
	1.6265	1.6238	1.6296	1.6632	2.4349	3.9385		
15	0.8802	0.8620	0.8327	0.7503	F-SUB-Q			
	2.8226	2.8470	2.9463	3.4257	M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2434	1.4388	1.8519	1.3861	1.7801	1.2414	1.6736	0.8513
	2.1045	1.7861	1.4322	1.8246	1.4766	2.0289	1.5650	2.7723
9	1.4388	1.8134	1.3830	1.8195	1.3688	1.3958	1.6999	0.8308
	1.7861	1.4897	1.8408	1.4650	1.8621	1.8142	1.5588	2.8141
10	1.8519	1.3851	1.5502	1.6072	1.8611	1.4341	1.7289	0.8034
	1.4322	1.8386	1.6494	1.5944	1.4683	1.8120	1.5605	2.8961
11	1.3861	1.8205	1.6076	1.9058	1.6247	1.8447	1.7296	0.7246
	1.8246	1.4642	1.5939	1.4508	1.6279	1.4950	1.5841	3.3564
12	1.7801	1.3695	1.8603	1.6229	1.4766	1.7189	1.0593	
	1.4766	1.8611	1.4682	1.6292	1.8037	1.6235	2.3558	
13	1.2413	1.3951	1.4336	1.8420	1.7105	1.0460	0.6799	
	2.0289	1.8146	1.8125	1.4967	1.6305	2.6507	3.6817	
14	1.6736	1.7009	1.7289	1.7283	1.0561	0.6398		
	1.5650	1.5575	1.5592	1.5848	2.3625	3.8703		
15	0.8513	0.8331	0.8045	0.7249	F-SUB-Q			
	2.7723	2.7982	2.8916	3.3500	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1662	1.3445	1.7028	1.2917	1.6417	1.1628	1.5407	0.7957
	2.1327	1.8110	1.4845	1.8698	1.5317	2.0775	1.6301	2.8522
9	1.3445	1.6657	1.2910	1.6677	1.2773	1.3102	1.5686	0.7766
	1.8110	1.5351	1.8814	1.5264	1.9069	1.8497	1.6176	2.8974
10	1.7028	1.2931	1.4538	1.5047	1.7091	1.3433	1.5936	0.7503
	1.4845	1.8789	1.6781	1.6236	1.5192	1.8399	1.6167	2.9772
11	1.2917	1.6685	1.5051	1.7546	1.5236	1.7050	1.5920	0.6741
	1.8698	1.5255	1.6231	1.4995	1.6487	1.5395	1.6402	3.4535
12	1.6417	1.2780	1.7085	1.5218	1.3860	1.5881	0.9876	
	1.5317	1.9060	1.5192	1.6507	1.8154	1.6646	2.4065	
13	1.1628	1.3095	1.3427	1.7024	1.5801	0.9551	0.6366	
	2.0775	1.8502	1.8403	1.5414	1.6724	2.7477	3.7369	
14	1.5407	1.5694	1.5935	1.5906	0.9845	0.5951		
	1.6301	1.6164	1.6156	1.6407	2.4139	3.9548		
15	0.7957	0.7787	0.7513	0.6741	F-SUB-Q			
	2.8522	2.8844	2.9727	3.4486	M-SUB-Q			

TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 350 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9676	* 1.1123	* 1.3836	* 1.0679	* 1.3356	* 0.9637	* 1.2504	* 0.6618
	* 2.4590	* 2.1010	* 1.7588	* 2.1821	* 1.8167	* 2.4270	* 1.9439	* 3.3282
9	* 1.1123	* 1.3694	* 1.0682	* 1.3757	* 1.0579	* 1.0867	* 1.2696	* 0.6409
	* 2.1010	* 1.7884	* 2.1918	* 1.7816	* 2.2208	* 2.1547	* 1.9312	* 3.4031
10	* 1.3836	* 1.0697	* 1.2219	* 1.2449	* 1.4248	* 1.1136	* 1.2863	* 0.6204
	* 1.7588	* 2.1894	* 1.9242	* 1.8890	* 1.7549	* 2.1331	* 1.9294	* 3.4919
11	* 1.0679	* 1.3764	* 1.2451	* 1.4430	* 1.2613	* 1.3813	* 1.2814	* 0.5498
	* 2.1821	* 1.7807	* 1.8885	* 1.7440	* 1.9048	* 1.8246	* 1.9603	* 4.0969
12	* 1.3356	* 1.0584	* 1.4243	* 1.2600	* 1.1564	* 1.2823	* 0.8090	
	* 1.8167	* 2.2199	* 1.7551	* 1.9062	* 2.0940	* 1.9845	* 2.8377	
13	* 0.9637	* 1.0862	* 1.1131	* 1.3792	* 1.2755	* 0.7559	* 0.5309	
	* 2.4270	* 2.1553	* 2.1338	* 1.8266	* 1.9945	* 3.3477	* 4.3287	
14	* 1.2504	* 1.2702	* 1.2861	* 1.2801	* 0.8064	* 0.4929		
	* 1.9439	* 1.9298	* 1.9282	* 1.9613	* 2.8467	* 4.6126		
15	* 0.6618	* 0.6429	* 0.6212	* 0.5490	F-SUB-Q			
	* 3.3282	* 3.3897	* 3.4870	* 4.0974	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4528	* 0.4927	* 0.5835	* 0.4973	* 0.5622	* 0.4482	* 0.4967	* 0.2885
	* 5.0688	* 4.5769	* 4.0334	* 4.5365	* 4.1816	* 5.0665	* 4.7449	* 7.4100
9	* 0.4927	* 0.5716	* 0.4973	* 0.5868	* 0.4932	* 0.4677	* 0.5040	* 0.2797
	* 4.5769	* 4.1301	* 4.5557	* 4.0436	* 4.6102	* 4.8444	* 4.7128	* 7.5726
10	* 0.5835	* 0.4978	* 0.5207	* 0.5336	* 0.6016	* 0.4927	* 0.5086	* 0.2730
	* 4.0334	* 4.5521	* 4.3608	* 4.2533	* 4.0026	* 4.6570	* 4.7105	* 7.7050
11	* 0.4973	* 0.5870	* 0.5337	* 0.6090	* 0.5381	* 0.5758	* 0.5032	* 0.2459
	* 4.5365	* 4.0422	* 4.2524	* 3.9725	* 4.2929	* 4.2203	* 4.8219	* 8.8871
12	* 0.5622	* 0.4934	* 0.6014	* 0.5377	* 0.4964	* 0.5337	* 0.3560	
	* 4.1816	* 4.6089	* 4.0032	* 4.2963	* 4.7024	* 4.6084	* 6.2330	
13	* 0.4482	* 0.4675	* 0.4924	* 0.5748	* 0.5310	* 0.4372	* 0.2293	
	* 5.0665	* 4.8453	* 4.6595	* 4.2261	* 4.6308	* 5.6402	* 9.7491	
14	* 0.4967	* 0.5042	* 0.5084	* 0.5026	* 0.3548	* 0.2197		
	* 4.7449	* 4.7098	* 4.7084	* 4.8261	* 6.2531	* 10.0673		
15	* 0.2885	* 0.2806	* 0.2734	* 0.2455	F-SUB-Q			
	* 7.4100	* 7.5455	* 7.6950	* 8.8912	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4047	* 0.5269	* 0.6610	* 0.6102	* 0.6951	* 0.5473	* 0.4617	* 0.2656
	* 4.1101	* 4.1025	* 3.5672	* 3.6936	* 3.5031	* 3.9727	* 3.8875	* 5.5765
9	* 0.5269	* 0.5944	* 0.5572	* 0.6890	* 0.6098	* 0.5915	* 0.5848	* 0.3391
	* 4.1025	* 3.7739	* 3.8283	* 3.4849	* 3.7085	* 3.7916	* 3.8876	* 5.6139
10	* 0.6610	* 0.5574	* 0.4832	* 0.6188	* 0.6984	* 0.6127	* 0.6349	* 0.3570
	* 3.5672	* 3.8279	* 3.6391	* 3.5169	* 3.4596	* 3.6043	* 3.7736	* 5.5914
11	* 0.6102	* 0.6888	* 0.6189	* 0.6634	* 0.6069	* 0.6758	* 0.6226	* 0.3295
	* 3.6936	* 3.4849	* 3.5166	* 3.5973	* 3.6302	* 3.5219	* 3.8122	* 6.2904
12	* 0.6951	* 0.6098	* 0.6984	* 0.6069	* 0.4620	* 0.5600	* 0.4251	
	* 3.5031	* 3.7087	* 3.4606	* 3.6328	* 3.7012	* 3.8865	* 4.6901	
13	* 0.5473	* 0.5913	* 0.6127	* 0.6755	* 0.5591	* 0.4584	* 0.2793	
	* 3.9727	* 3.7921	* 3.6060	* 3.5242	* 3.9017	* 4.4388	* 7.2919	
14	* 0.4617	* 0.5849	* 0.6349	* 0.6224	* 0.4244	* 0.2733		
	* 3.8875	* 3.8864	* 3.7747	* 3.8145	* 4.7051	* 7.1455		
15	* 0.2656	* 0.3393	* 0.3570	* 0.3293	F-SUB-Q			
	* 5.5765	* 5.5961	* 5.5869	* 6.2784	M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7451	* 1.0340	* 1.3262	* 1.1419	* 1.3905	* 1.0274	* 0.9509	* 0.5343
	* 2.4161	* 2.1623	* 1.8376	* 2.0403	* 1.8104	* 2.1763	* 1.8991	* 2.8462
9	* 1.0340	* 1.2043	* 1.0497	* 1.3772	* 1.1444	* 1.1885	* 1.2362	* 0.6847
	* 2.1623	* 1.9264	* 2.0956	* 1.7947	* 2.0416	* 1.9454	* 1.8892	* 2.8553
10	* 1.3262	* 1.0502	* 0.9561	* 1.2455	* 1.4124	* 1.2081	* 1.3480	* 0.7159
	* 1.8376	* 2.0951	* 1.8761	* 1.7939	* 1.7911	* 1.9273	* 1.8727	* 2.8806
11	* 1.1419	* 1.3771	* 1.2456	* 1.3325	* 1.2287	* 1.3692	* 1.3304	* 0.6543
	* 2.0403	* 1.7946	* 1.7937	* 1.8352	* 1.8387	* 1.8305	* 1.8779	* 3.3346
12	* 1.3905	* 1.1446	* 1.4125	* 1.2286	* 0.9299	* 1.1611	* 0.8589	
	* 1.8104	* 2.0416	* 1.7909	* 1.8404	* 1.9109	* 1.9514	* 2.4428	
13	* 1.0274	* 1.1882	* 1.2080	* 1.3687	* 1.1592	* 0.6929	* 0.5715	
	* 2.1763	* 1.9456	* 1.9282	* 1.8315	* 1.9588	* 3.0540	* 3.6914	
14	* 0.9509	* 1.2365	* 1.3480	* 1.3301	* 0.8576	* 0.5490		
	* 1.8991	* 1.8885	* 1.8731	* 1.8789	* 2.4507	* 3.6862		
15	* 0.5343	* 0.6851	* 0.7161	* 0.6540	F-SUB-Q			
	* 2.8462	* 2.8465	* 2.8781	* 3.3282	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8707	* 1.1941	* 1.5595	* 1.3151	* 1.6270	* 1.1847	* 1.1340	* 0.6342
	* 2.2115	* 1.9279	* 1.6073	* 1.8222	* 1.5901	* 1.9382	* 1.6504	* 2.4828
9	* 1.1941	* 1.3895	* 1.2311	* 1.5806	* 1.3181	* 1.3624	* 1.4521	* 0.8148
	* 1.9279	* 1.7119	* 1.8610	* 1.5980	* 1.8199	* 1.7428	* 1.6470	* 2.4704
10	* 1.5595	* 1.2318	* 1.1238	* 1.4356	* 1.6376	* 1.3835	* 1.5803	* 0.8353
	* 1.6073	* 1.8603	* 1.6921	* 1.6003	* 1.6069	* 1.7356	* 1.6467	* 2.5035
11	* 1.3151	* 1.5807	* 1.4358	* 1.5271	* 1.4021	* 1.6021	* 1.5635	* 0.7800
	* 1.8222	* 1.5978	* 1.6001	* 1.6243	* 1.6429	* 1.6117	* 1.6456	* 2.8866
12	* 1.6270	* 1.3184	* 1.6377	* 1.4021	* 1.0884	* 1.3512	* 1.0227	
	* 1.5901	* 1.8197	* 1.6067	* 1.6445	* 1.7303	* 1.7307	* 2.1130	
13	* 1.1847	* 1.3620	* 1.3836	* 1.6016	* 1.3489	* 0.8177	* 0.6604	
	* 1.9382	* 1.7431	* 1.7362	* 1.6125	* 1.7367	* 2.6297	* 3.2499	
14	* 1.1340	* 1.4526	* 1.5804	* 1.5632	* 1.0211	* 0.6363		
	* 1.6504	* 1.6463	* 1.6469	* 1.6464	* 2.1200	* 3.2350		
15	* 0.6342	* 0.8154	* 0.8356	* 0.7800	* F-SUB-Q			
	* 2.4828	* 2.4613	* 2.5012	* 2.8794	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9166	* 1.2704	* 1.6951	* 1.3941	* 1.7574	* 1.2535	* 1.2302	* 0.6705
	* 2.1840	* 1.8865	* 1.5383	* 1.7837	* 1.5273	* 1.9028	* 1.5693	* 2.4609
9	* 1.2704	* 1.5180	* 1.3046	* 1.7283	* 1.3963	* 1.4398	* 1.5797	* 0.8512
	* 1.8865	* 1.6336	* 1.8192	* 1.5242	* 1.7817	* 1.7093	* 1.5693	* 2.4482
10	* 1.6951	* 1.3055	* 1.1895	* 1.5243	* 1.7732	* 1.4578	* 1.7101	* 0.8710
	* 1.5383	* 1.8182	* 1.6529	* 1.5643	* 1.5264	* 1.7002	* 1.5701	* 2.4972
11	* 1.3941	* 1.7285	* 1.5246	* 1.6617	* 1.4822	* 1.7196	* 1.6883	* 0.8125
	* 1.7837	* 1.5240	* 1.5639	* 1.5521	* 1.6038	* 1.5472	* 1.5699	* 2.8627
12	* 1.7574	* 1.3967	* 1.7734	* 1.4822	* 1.1353	* 1.4559	* 1.0625	
	* 1.5273	* 1.7814	* 1.5261	* 1.6054	* 1.6921	* 1.6475	* 2.0953	
13	* 1.2535	* 1.4396	* 1.4581	* 1.7194	* 1.4536	* 0.8845	* 0.6798	
	* 1.9028	* 1.7096	* 1.7007	* 1.5478	* 1.6542	* 2.4982	* 3.2390	
14	* 1.2302	* 1.5804	* 1.7105	* 1.6882	* 1.0609	* 0.6484		
	* 1.5693	* 1.5686	* 1.5702	* 1.5705	* 2.1022	* 3.2350		
15	* 0.6705	* 0.8520	* 0.8714	* 0.8129	* F-SUB-Q			
	* 2.4609	* 2.4352	* 2.4946	* 2.8542	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9350	* 1.2944	* 1.7377	* 1.4133	* 1.7890	* 1.2750	* 1.2862	* 0.7116
	* 2.2821	* 1.9633	* 1.5892	* 1.8522	* 1.5780	* 1.9836	* 1.6184	* 2.5411
9	* 1.2944	* 1.5658	* 1.3383	* 1.7726	* 1.4138	* 1.4540	* 1.6229	* 0.8734
	* 1.9633	* 1.6861	* 1.8921	* 1.5678	* 1.8487	* 1.7790	* 1.6206	* 2.5289
10	* 1.7377	* 1.3393	* 1.2302	* 1.5479	* 1.8059	* 1.4613	* 1.7320	* 0.8817
	* 1.5892	* 1.8909	* 1.7243	* 1.6255	* 1.5662	* 1.7674	* 1.6154	* 2.5851
11	* 1.4133	* 1.7730	* 1.5483	* 1.6981	* 1.4911	* 1.7302	* 1.7041	* 0.8206
	* 1.8522	* 1.5675	* 1.6251	* 1.5979	* 1.6670	* 1.5966	* 1.6158	* 2.9558
12	* 1.7890	* 1.4143	* 1.8063	* 1.4912	* 1.1419	* 1.4691	* 1.0690	
	* 1.5780	* 1.8483	* 1.5658	* 1.6683	* 1.7595	* 1.6891	* 2.1618	
13	* 1.2750	* 1.4538	* 1.4618	* 1.7303	* 1.4670	* 0.8938	* 0.6798	
	* 1.9836	* 1.7792	* 1.7677	* 1.5968	* 1.6960	* 2.5557	* 3.3541	
14	* 1.2862	* 1.6237	* 1.7327	* 1.7044	* 1.0677	* 0.6511		
	* 1.6184	* 1.6198	* 1.6152	* 1.6161	* 2.1684	* 3.3594		
15	* 0.7116	* 0.8743	* 0.8823	* 0.8213	* F-SUB-Q			
	* 2.5411	* 2.5194	* 2.5822	* 2.9462	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9482	* 1.3094	* 1.7592	* 1.4205	* 1.7966	* 1.2954	* 1.4083	* 0.8017
	* 2.4120	* 2.0770	* 1.6814	* 1.9538	* 1.6615	* 2.1043	* 1.7101	* 2.6642
9	* 1.3094	* 1.5990	* 1.3661	* 1.7902	* 1.4188	* 1.4571	* 1.6585	* 0.8971
	* 2.0770	* 1.7852	* 2.0048	* 1.6528	* 1.9472	* 1.8782	* 1.7122	* 2.6602
10	* 1.7592	* 1.3673	* 1.3325	* 1.5629	* 1.8102	* 1.4467	* 1.7249	* 0.8908
	* 1.6814	* 2.0035	* 1.8321	* 1.7201	* 1.6413	* 1.8811	* 1.7094	* 2.7169
11	* 1.4205	* 1.7907	* 1.5634	* 1.7131	* 1.4838	* 1.7107	* 1.6877	* 0.8218
	* 1.9538	* 1.6524	* 1.7197	* 1.6873	* 1.7698	* 1.6957	* 1.7133	* 3.1108
12	* 1.7966	* 1.4195	* 1.8107	* 1.4840	* 1.1374	* 1.4520	* 1.0612	
	* 1.6615	* 1.9467	* 1.6408	* 1.7712	* 1.8741	* 1.7883	* 2.2850	
13	* 1.2954	* 1.4570	* 1.4473	* 1.7111	* 1.4501	* 0.8825	* 0.6723	
	* 2.1043	* 1.8784	* 1.8812	* 1.6956	* 1.7952	* 2.6972	* 3.5468	
14	* 1.4083	* 1.6595	* 1.7258	* 1.6883	* 1.0601	* 0.6475		
	* 1.7101	* 1.7114	* 1.7084	* 1.7133	* 2.2916	* 3.5334		
15	* 0.8017	* 0.8982	* 0.8917	* 0.8226	* F-SUB-Q			
	* 2.6642	* 2.6498	* 2.7140	* 3.1003	* M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9544	* 1.3292	* 1.7936	* 1.4314	* 1.8174	* 1.3231	* 1.6314	* 0.8954
	* 2.5500	* 2.1926	* 1.7560	* 2.0574	* 1.7400	* 2.2073	* 1.7921	* 2.8352
9	* 1.3292	* 1.6620	* 1.3849	* 1.8237	* 1.4293	* 1.4679	* 1.7172	* 0.9120
	* 2.1926	* 1.8696	* 2.1066	* 1.7232	* 2.0523	* 1.9767	* 1.7840	* 2.8261
10	* 1.7936	* 1.3863	* 1.4472	* 1.5928	* 1.8351	* 1.4404	* 1.7388	* 0.9014
	* 1.7560	* 2.1050	* 1.9301	* 1.8063	* 1.7182	* 2.0060	* 1.7882	* 2.8629
11	* 1.4314	* 1.8242	* 1.5934	* 1.7422	* 1.4835	* 1.7032	* 1.6833	* 0.8137
	* 2.0574	* 1.7227	* 1.8057	* 1.7785	* 1.8830	* 1.8066	* 1.8213	* 3.3349
12	* 1.8174	* 1.4301	* 1.8358	* 1.4838	* 1.1246	* 1.4398	* 1.0409	
	* 1.7400	* 2.0516	* 1.7176	* 1.8844	* 1.9980	* 1.8927	* 2.4716	
13	* 1.3231	* 1.4678	* 1.4412	* 1.7038	* 1.4382	* 0.8732	* 0.6567	
	* 2.2073	* 1.9769	* 2.0057	* 1.8061	* 1.9000	* 2.8579	* 3.8072	
14	* 1.6314	* 1.7184	* 1.7402	* 1.6842	* 1.0399	* 0.6285		
	* 1.7921	* 1.7829	* 1.7869	* 1.8209	* 2.4783	* 3.8166		
15	* 0.8954	* 0.9134	* 0.9027	* 0.8148	F-SUB-Q			
	* 2.8352	* 2.8151	* 2.8594	* 3.3223	M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9591	* 1.3405	* 1.8111	* 1.4358	* 1.8254	* 1.3389	* 1.7348	* 0.9492
	* 2.7416	* 2.3546	* 1.8804	* 2.2109	* 1.8647	* 2.3651	* 1.8961	* 3.0028
9	* 1.3405	* 1.6985	* 1.4031	* 1.8432	* 1.4325	* 1.4716	* 1.7506	* 0.9357
	* 2.3546	* 1.9981	* 2.2604	* 1.8442	* 2.2080	* 2.1256	* 1.8995	* 2.9964
10	* 1.8111	* 1.4046	* 1.5140	* 1.6064	* 1.8426	* 1.4350	* 1.7479	* 0.9112
	* 1.8804	* 2.2586	* 2.0660	* 1.9418	* 1.8438	* 2.1529	* 1.9158	* 3.0685
11	* 1.4358	* 1.8438	* 1.6070	* 1.7613	* 1.4765	* 1.6872	* 1.6702	* 0.8083
	* 2.2109	* 1.8436	* 1.9411	* 1.9053	* 2.0177	* 1.9516	* 1.9633	* 3.5681
12	* 1.8254	* 1.4333	* 1.8434	* 1.4769	* 1.1123	* 1.4220	* 1.0254	
	* 1.8647	* 2.2071	* 1.8430	* 2.0192	* 2.1402	* 2.0189	* 2.6515	
13	* 1.3389	* 1.4716	* 1.4360	* 1.6881	* 1.4207	* 0.8605	* 0.6447	
	* 2.3651	* 2.1256	* 2.1523	* 1.9506	* 2.0266	* 3.0535	* 4.0779	
14	* 1.7348	* 1.7519	* 1.7495	* 1.6714	* 1.0246	* 0.6163		
	* 1.8961	* 1.8984	* 1.9141	* 1.9623	* 2.6613	* 4.0929		
15	* 0.9492	* 0.9385	* 0.9126	* 0.8094	F-SUB-Q			
	* 3.0028	* 2.9845	* 3.0642	* 3.5538	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9588	* 1.3453	* 1.8222	* 1.4352	* 1.8313	* 1.3439	* 1.7742	* 0.9639
	* 2.9917	* 2.5619	* 2.0305	* 2.3853	* 2.0009	* 2.5591	* 2.0441	* 3.2656
9	* 1.3453	* 1.7175	* 1.4086	* 1.8538	* 1.4303	* 1.4712	* 1.7707	* 0.9470
	* 2.5619	* 2.1686	* 2.4538	* 1.9828	* 2.3789	* 2.2853	* 2.0472	* 3.2676
10	* 1.8222	* 1.4101	* 1.5322	* 1.6083	* 1.8467	* 1.4285	* 1.7528	* 0.9086
	* 2.0305	* 2.4518	* 2.2504	* 2.0970	* 1.9748	* 2.3294	* 2.0456	* 3.3294
11	* 1.4352	* 1.8545	* 1.6090	* 1.7702	* 1.4673	* 1.6759	* 1.6616	* 0.7999
	* 2.3853	* 1.9821	* 2.0962	* 2.0656	* 2.1945	* 2.1155	* 2.1272	* 3.8735
12	* 1.8313	* 1.4312	* 1.8476	* 1.4678	* 1.0978	* 1.4088	* 1.0086	*
	* 2.0009	* 2.3779	* 1.9739	* 2.1961	* 2.3273	* 2.1821	* 2.8905	*
13	* 1.3439	* 1.4713	* 1.4296	* 1.6770	* 1.4076	* 0.8516	* 0.6330	*
	* 2.5591	* 2.2853	* 2.3283	* 2.1182	* 2.1906	* 3.3060	* 4.4404	*
14	* 1.7742	* 1.7718	* 1.7546	* 1.6630	* 1.0080	* 0.6018	*	*
	* 2.0441	* 2.0456	* 2.0437	* 2.1256	* 2.9011	* 4.4816	*	*
15	* 0.9639	* 0.9521	* 0.9101	* 0.8012	* F-SUB-Q			
	* 3.2656	* 3.2469	* 3.3248	* 3.8572	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9611	* 1.3455	* 1.7932	* 1.4173	* 1.7991	* 1.3284	* 1.7544	* 0.9795
	* 3.3022	* 2.7940	* 2.2431	* 2.6259	* 2.2120	* 2.7962	* 2.2396	* 3.4854
9	* 1.3455	* 1.6927	* 1.3978	* 1.8245	* 1.4129	* 1.4473	* 1.7476	* 0.9611
	* 2.7940	* 2.3917	* 2.6887	* 2.1907	* 2.6224	* 2.5212	* 2.2429	* 3.4900
10	* 1.7932	* 1.3992	* 1.5132	* 1.5850	* 1.8107	* 1.4041	* 1.7198	* 0.9165
	* 2.2431	* 2.6867	* 2.4717	* 2.3116	* 2.1910	* 2.5818	* 2.2610	* 3.5637
11	* 1.4173	* 1.8252	* 1.5858	* 1.7368	* 1.4586	* 1.6369	* 1.6224	* 0.7999
	* 2.6259	* 2.1898	* 2.3106	* 2.2947	* 2.4400	* 2.3594	* 2.3799	* 4.2160
12	* 1.7991	* 1.4138	* 1.8117	* 1.4591	* 1.0912	* 1.3793	* 1.0056	*
	* 2.2120	* 2.6212	* 2.1898	* 2.4418	* 2.5904	* 2.4342	* 3.1522	*
13	* 1.3284	* 1.4474	* 1.4052	* 1.6381	* 1.3782	* 0.8324	* 0.6309	*
	* 2.7962	* 2.5210	* 2.5804	* 2.3612	* 2.4436	* 3.6633	* 4.8419	*
14	* 1.7544	* 1.7487	* 1.7217	* 1.6239	* 1.0051	* 0.6072	*	*
	* 2.2396	* 2.2415	* 2.2586	* 2.3778	* 3.1638	* 4.8279	*	*
15	* 0.9795	* 0.9643	* 0.9181	* 0.8011	* F-SUB-Q			
	* 3.4854	* 3.4751	* 3.5582	* 4.1980	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9546	* 1.3294	* 1.7999	* 1.4100	* 1.8032	* 1.3208	* 1.7660	* 0.9621
	* 3.6168	* 3.1057	* 2.4668	* 2.9126	* 2.4319	* 3.0726	* 2.4302	* 3.8684
9	* 1.3294	* 1.7034	* 1.3866	* 1.8293	* 1.4014	* 1.4410	* 1.7569	* 0.9438
	* 3.1057	* 2.6232	* 2.9867	* 2.4071	* 2.9117	* 2.7872	* 2.4416	* 3.8755
10	* 1.7999	* 1.3883	* 1.5118	* 1.5778	* 1.8164	* 1.3946	* 1.7242	* 0.8960
	* 2.4668	* 2.9840	* 2.7267	* 2.5621	* 2.4117	* 2.8634	* 2.4819	* 3.9959
11	* 1.4100	* 1.8301	* 1.5786	* 1.7419	* 1.4374	* 1.6372	* 1.6255	* 0.7832
	* 2.9126	* 2.4061	* 2.5609	* 2.5102	* 2.6853	* 2.5785	* 2.6240	* 4.7450
12	* 1.8032	* 1.4024	* 1.8175	* 1.4380	* 1.0775	* 1.3806	* 0.9854	*
	* 2.4319	* 2.9102	* 2.4103	* 2.6872	* 2.8602	* 2.6632	* 3.5199	*
13	* 1.3208	* 1.4411	* 1.3958	* 1.6386	* 1.3797	* 0.8367	* 0.6189	*
	* 3.0726	* 2.7870	* 2.8612	* 2.5802	* 2.6732	* 4.0436	* 5.4250	*
14	* 1.7660	* 1.7581	* 1.7263	* 1.6272	* 0.9850	* 0.5889	*	*
	* 2.4302	* 2.4399	* 2.4789	* 2.6211	* 3.5319	* 5.4702	*	*
15	* 0.9621	* 0.9493	* 0.8977	* 0.7846	* F-SUB-Q			
	* 3.8684	* 3.8490	* 3.9892	* 4.7234	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9592	* 1.3190	* 1.7836	* 1.3943	* 1.7846	* 1.3049	* 1.7501	* 0.9541
	* 3.6479	* 3.1201	* 2.6508	* 3.1405	* 2.6410	* 3.3705	* 2.6973	* 4.2871
9	* 1.3190	* 1.6907	* 1.3716	* 1.8114	* 1.3843	* 1.4232	* 1.7401	* 0.9359
	* 3.1201	* 2.6963	* 3.2074	* 2.6246	* 3.1666	* 3.0575	* 2.7141	* 4.2958
10	* 1.7836	* 1.3733	* 1.4958	* 1.5592	* 1.7983	* 1.3765	* 1.7059	* 0.8870
	* 2.6508	* 3.2043	* 2.9132	* 2.7725	* 2.5658	* 3.0587	* 2.7655	* 4.4428
11	* 1.3943	* 1.8122	* 1.5599	* 1.7248	* 1.4226	* 1.6208	* 1.6086	* 0.7746
	* 3.1405	* 2.6233	* 2.7718	* 2.5736	* 2.7710	* 2.6621	* 2.7941	* 5.2894
12	* 1.7846	* 1.3853	* 1.7994	* 1.4232	* 1.0782	* 1.3739	* 0.9772	*
	* 2.6410	* 3.1650	* 2.5656	* 2.7727	* 2.9856	* 2.7718	* 3.6437	*
13	* 1.3049	* 1.4230	* 1.3777	* 1.6223	* 1.3730	* 0.8371	* 0.6155	*
	* 3.3705	* 3.0575	* 3.0590	* 2.6632	* 2.7816	* 4.2031	* 5.6196	*
14	* 1.7501	* 1.7413	* 1.7080	* 1.6105	* 0.9769	* 0.5861	*	*
	* 2.6973	* 2.7120	* 2.7619	* 2.7938	* 3.6552	* 5.6609	*	*
15	* 0.9541	* 0.9405	* 0.8887	* 0.7761	* F-SUB-Q			
	* 4.2871	* 4.2703	* 4.4348	* 5.2667	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9617	* 1.3122	* 1.7480	* 1.3710	* 1.7468	* 1.2816	* 1.7126	* 0.9524
	* 3.6751	* 3.1543	* 2.5692	* 3.0281	* 2.5581	* 3.2539	* 2.6152	* 4.0743
9	* 1.3122	* 1.6583	* 1.3542	* 1.7765	* 1.3638	* 1.3943	* 1.7027	* 0.9324
	* 3.1543	* 2.7254	* 3.0822	* 2.5377	* 3.0567	* 2.9591	* 2.6374	* 4.0898
10	* 1.7480	* 1.3557	* 1.4671	* 1.5304	* 1.7605	* 1.3510	* 1.6693	* 0.8844
	* 2.5692	* 3.0798	* 2.8403	* 2.7147	* 2.5847	* 3.0847	* 2.7174	* 4.2632
11	* 1.3710	* 1.7773	* 1.5312	* 1.6892	* 1.4104	* 1.5884	* 1.5753	* 0.7713
	* 3.0281	* 2.5365	* 2.7132	* 2.6185	* 2.8150	* 2.7121	* 2.8457	* 5.1489
12	* 1.7468	* 1.3648	* 1.7616	* 1.4110	* 1.0784	* 1.3550	* 0.9762	
	* 2.5581	* 3.0549	* 2.5828	* 2.8167	* 3.0183	* 2.8253	* 3.6486	
13	* 1.2816	* 1.3942	* 1.3522	* 1.5899	* 1.3541	* 0.8281	* 0.6166	
	* 3.2539	* 2.9591	* 3.0820	* 2.7131	* 2.8347	* 4.2597	* 5.6277	
14	* 1.7126	* 1.7040	* 1.6714	* 1.5772	* 0.9759	* 0.5923		
	* 2.6152	* 2.6351	* 2.7133	* 2.8452	* 3.6601	* 5.6206		
15	* 0.9524	* 0.9357	* 0.8861	* 0.7726	* F-SUB-Q			
	* 4.0743	* 4.0718	* 4.2547	* 5.1235	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9473	* 1.2934	* 1.7486	* 1.3603	* 1.7450	* 1.2702	* 1.7133	* 0.9288
	* 3.6559	* 3.0878	* 2.4588	* 2.9223	* 2.4520	* 3.1458	* 2.5022	* 3.9991
9	* 1.2934	* 1.6624	* 1.3389	* 1.7762	* 1.3487	* 1.3841	* 1.7029	* 0.9093
	* 3.0878	* 2.6025	* 2.9824	* 2.4313	* 2.9533	* 2.8549	* 2.5246	* 4.0149
10	* 1.7486	* 1.3407	* 1.4607	* 1.5206	* 1.7633	* 1.3403	* 1.6702	* 0.8616
	* 2.4588	* 2.9794	* 2.7319	* 2.6177	* 2.4731	* 2.9798	* 2.6031	* 4.1938
11	* 1.3603	* 1.7770	* 1.5215	* 1.6916	* 1.3894	* 1.5901	* 1.5801	* 0.7555
	* 2.9223	* 2.4301	* 2.6162	* 2.5964	* 2.8153	* 2.6976	* 2.7985	* 5.0451
12	* 1.7450	* 1.3497	* 1.7644	* 1.3900	* 1.0608	* 1.3595	* 0.9598	
	* 2.4520	* 2.9516	* 2.4712	* 2.8169	* 3.0330	* 2.7983	* 3.6903	
13	* 1.2702	* 1.3842	* 1.3416	* 1.5917	* 1.3588	* 0.8347	* 0.6080	
	* 3.1458	* 2.8548	* 2.9770	* 2.6984	* 2.8078	* 4.2356	* 5.6532	
14	* 1.7133	* 1.7043	* 1.6724	* 1.5822	* 0.9596	* 0.5774		
	* 2.5022	* 2.5224	* 2.5990	* 2.7939	* 3.7013	* 5.7094		
15	* 0.9288	* 0.9150	* 0.8633	* 0.7570	* F-SUB-Q			
	* 3.9991	* 3.9861	* 4.1852	* 5.0191	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9400	* 1.2864	* 1.7406	* 1.3495	* 1.7341	* 1.2575	* 1.7027	* 0.9178
	* 3.3214	* 2.8565	* 2.3622	* 2.8119	* 2.3596	* 3.0310	* 2.4086	* 3.8541
9	* 1.2864	* 1.6578	* 1.3288	* 1.7678	* 1.3373	* 1.3713	* 1.6922	* 0.8958
	* 2.8566	* 2.4650	* 2.8677	* 2.3392	* 2.8452	* 2.7512	* 2.4310	* 3.8805
10	* 1.7406	* 1.3306	* 1.4507	* 1.5097	* 1.7567	* 1.3292	* 1.6619	* 0.8502
	* 2.3622	* 2.8647	* 2.6256	* 2.5231	* 2.3709	* 2.8343	* 2.5059	* 4.0492
11	* 1.3495	* 1.7686	* 1.5105	* 1.6859	* 1.3792	* 1.5860	* 1.5775	* 0.7484
	* 2.8119	* 2.3380	* 2.5216	* 2.3802	* 2.5692	* 2.4604	* 2.5669	* 4.8348
12	* 1.7341	* 1.3384	* 1.7579	* 1.3799	* 1.0524	* 1.3620	* 0.9546	
	* 2.3596	* 2.8436	* 2.3706	* 2.5706	* 2.7554	* 2.5350	* 3.3487	
13	* 1.2575	* 1.3716	* 1.3305	* 1.5877	* 1.3613	* 0.8400	* 0.6080	
	* 3.0310	* 2.7511	* 2.8342	* 2.4608	* 2.5433	* 3.7954	* 5.0657	
14	* 1.7027	* 1.6935	* 1.6641	* 1.5796	* 0.9543	* 0.5750		
	* 2.4086	* 2.4289	* 2.5020	* 2.5661	* 3.3589	* 5.1368		
15	* 0.9178	* 0.9008	* 0.8519	* 0.7500	F-SUB-Q			
	* 3.8541	* 3.8557	* 4.0408	* 4.8151	M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9454	* 1.2855	* 1.7346	* 1.3427	* 1.7237	* 1.2472	* 1.6900	* 0.9145
	* 2.9719	* 2.5520	* 2.1242	* 2.5283	* 2.1271	* 2.7276	* 2.1716	* 3.4423
9	* 1.2855	* 1.6560	* 1.3232	* 1.7614	* 1.3304	* 1.3621	* 1.6803	* 0.8944
	* 2.5520	* 2.2015	* 2.5748	* 2.1039	* 2.5595	* 2.4755	* 2.1897	* 3.4581
10	* 1.7346	* 1.3250	* 1.4452	* 1.5035	* 1.7524	* 1.3235	* 1.6544	* 0.8491
	* 2.1242	* 2.5721	* 2.3551	* 2.2665	* 2.1244	* 2.5438	* 2.2464	* 3.6000
11	* 1.3427	* 1.7622	* 1.5043	* 1.6849	* 1.3825	* 1.5883	* 1.5780	* 0.7492
	* 2.5283	* 2.1028	* 2.2653	* 2.1353	* 2.3106	* 2.2100	* 2.3031	* 4.2885
12	* 1.7237	* 1.3314	* 1.7535	* 1.3831	* 1.0611	* 1.3741	* 0.9653	
	* 2.1271	* 2.5581	* 2.1240	* 2.3118	* 2.4821	* 2.2799	* 2.9966	
13	* 1.2472	* 1.3623	* 1.3248	* 1.5900	* 1.3733	* 0.8528	* 0.6182	
	* 2.7276	* 2.4755	* 2.5436	* 2.2102	* 2.2873	* 3.4105	* 4.5462	
14	* 1.6900	* 1.6816	* 1.6566	* 1.5800	* 0.9651	* 0.5871		
	* 2.1716	* 2.1879	* 2.2432	* 2.3022	* 3.0050	* 4.5902		
15	* 0.9145	* 0.8994	* 0.8508	* 0.7507	F-SUB-Q			
	* 3.4423	* 3.4362	* 3.5930	* 4.2670	M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9733	* 1.3060	* 1.7298	* 1.3414	* 1.7121	* 1.2403	* 1.6739	* 0.9235
	* 2.8636	* 2.4671	* 2.0425	* 2.4257	* 2.0500	* 2.6252	* 2.0983	* 3.2671
9	* 1.3060	* 1.6581	* 1.3296	* 1.7548	* 1.3382	* 1.3574	* 1.6655	* 0.9019
	* 2.4671	* 2.1347	* 2.4612	* 2.0232	* 2.4563	* 2.3846	* 2.1149	* 3.2870
10	* 1.7298	* 1.3311	* 1.4440	* 1.5033	* 1.7494	* 1.3245	* 1.6464	* 0.8588
	* 2.0425	* 2.4591	* 2.2624	* 2.1749	* 2.0520	* 2.4648	* 2.1635	* 3.4137
11	* 1.3414	* 1.7556	* 1.5040	* 1.6892	* 1.4061	* 1.6013	* 1.5828	* 0.7601
	* 2.4257	* 2.0221	* 2.1738	* 2.0751	* 2.2390	* 2.1469	* 2.2373	* 4.0612
12	* 1.7121	* 1.3391	* 1.7505	* 1.4066	* 1.0986	* 1.4066	* 0.9955	
	* 2.0500	* 2.4546	* 2.0505	* 2.2402	* 2.3877	* 2.2171	* 2.8642	
13	* 1.2403	* 1.3575	* 1.3257	* 1.6027	* 1.4055	* 0.8839	* 0.6446	
	* 2.6252	* 2.3847	* 2.4645	* 2.1471	* 2.2242	* 3.3097	* 4.3499	
14	* 1.6739	* 1.6668	* 1.6485	* 1.5846	* 0.9950	* 0.6175		
	* 2.0983	* 2.1132	* 2.1605	* 2.2363	* 2.8725	* 4.3541		
15	* 0.9235	* 0.9051	* 0.8605	* 0.7615	* F-SUB-Q			
	* 3.2671	* 3.2724	* 3.4072	* 4.0415	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0452	* 1.3336	* 1.7697	* 1.3564	* 1.7421	* 1.2483	* 1.7018	* 0.9121
	* 2.5536	* 2.1810	* 1.8008	* 2.1618	* 1.8129	* 2.3474	* 1.8567	* 2.9793
9	* 1.3336	* 1.7125	* 1.3413	* 1.7945	* 1.3447	* 1.3742	* 1.6941	* 0.8889
	* 2.1810	* 1.8707	* 2.1978	* 1.7868	* 2.1936	* 2.1261	* 1.8703	* 3.0036
10	* 1.7697	* 1.3432	* 1.4710	* 1.5283	* 1.7966	* 1.3538	* 1.6831	* 0.8491
	* 1.8008	* 2.1954	* 2.0044	* 1.9304	* 1.8041	* 2.1831	* 1.9067	* 3.1122
11	* 1.3564	* 1.7953	* 1.5291	* 1.7515	* 1.4461	* 1.6674	* 1.6373	* 0.7604
	* 2.1618	* 1.7858	* 1.9294	* 1.8273	* 1.9991	* 1.8959	* 1.9649	* 3.6668
12	* 1.7421	* 1.3457	* 1.7976	* 1.4463	* 1.2001	* 1.4967	* 1.0190	
	* 1.8129	* 2.1921	* 1.8029	* 1.9998	* 2.1441	* 1.9626	* 2.5996	
13	* 1.2483	* 1.3742	* 1.3549	* 1.6686	* 1.4950	* 0.9652	* 0.6709	
	* 2.3474	* 2.1262	* 2.1825	* 1.8956	* 1.9689	* 2.9357	* 3.9612	
14	* 1.7018	* 1.6954	* 1.6852	* 1.6390	* 1.0182	* 0.6340		
	* 1.8567	* 1.8689	* 1.9041	* 1.9637	* 2.6068	* 4.0193		
15	* 0.9121	* 0.8942	* 0.8507	* 0.7618	* F-SUB-Q			
	* 2.9793	* 2.9835	* 3.1064	* 3.6486	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1529	* 1.3737	* 1.7969	* 1.3708	* 1.7588	* 1.2562	* 1.7147	* 0.9173
	* 2.2883	* 1.9758	* 1.6235	* 1.9580	* 1.6415	* 2.1340	* 1.6841	* 2.7118
9	* 1.3737	* 1.7542	* 1.3585	* 1.8198	* 1.3601	* 1.3889	* 1.7089	* 0.8936
	* 1.9758	* 1.6833	* 1.9874	* 1.6130	* 1.9853	* 1.9299	* 1.6951	* 2.7351
10	* 1.7969	* 1.3604	* 1.4935	* 1.5512	* 1.8337	* 1.3848	* 1.7067	* 0.8563
	* 1.6235	* 1.9852	* 1.8086	* 1.7420	* 1.6230	* 1.9736	* 1.7201	* 2.8260
11	* 1.3708	* 1.8206	* 1.5519	* 1.8091	* 1.5035	* 1.7285	* 1.6800	* 0.7721
	* 1.9580	* 1.6124	* 1.7412	* 1.6468	* 1.7914	* 1.7054	* 1.7741	* 3.3109
12	* 1.7588	* 1.3611	* 1.8343	* 1.5034	* 1.3495	* 1.6239	* 1.0619	
	* 1.6415	* 1.9841	* 1.6220	* 1.7923	* 1.9158	* 1.7519	* 2.3368	
13	* 1.2562	* 1.3889	* 1.3857	* 1.7291	* 1.6192	* 1.0542	* 0.7099	
	* 2.1340	* 1.9297	* 1.9725	* 1.7054	* 1.7576	* 2.6265	* 3.5486	
14	* 1.7147	* 1.7105	* 1.7087	* 1.6814	* 1.0607	* 0.6706		
	* 1.6841	* 1.6938	* 1.7179	* 1.7732	* 2.3437	* 3.6019		
15	* 0.9173	* 0.8989	* 0.8579	* 0.7735	* F-SUB-Q			
	* 2.7118	* 2.7168	* 2.8208	* 3.2948	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2211	* 1.3979	* 1.7974	* 1.3800	* 1.7515	* 1.2599	* 1.7025	* 0.9366
	* 2.1227	* 1.8016	* 1.5052	* 1.8099	* 1.5302	* 1.9791	* 1.5745	* 2.4702
9	* 1.3979	* 1.7663	* 1.3737	* 1.8159	* 1.3869	* 1.4022	* 1.7024	* 0.9139
	* 1.8016	* 1.5517	* 1.8264	* 1.4983	* 1.8232	* 1.7847	* 1.5827	* 2.4879
10	* 1.7974	* 1.3754	* 1.5034	* 1.5635	* 1.8466	* 1.4055	* 1.7064	* 0.8785
	* 1.5052	* 1.8247	* 1.6697	* 1.6047	* 1.5033	* 1.8047	* 1.5975	* 2.5622
11	* 1.3800	* 1.8166	* 1.5641	* 1.8320	* 1.5419	* 1.7603	* 1.6950	* 0.7925
	* 1.8099	* 1.4976	* 1.6040	* 1.5211	* 1.6591	* 1.5795	* 1.6313	* 2.9992
12	* 1.7515	* 1.3877	* 1.8471	* 1.5415	* 1.4427	* 1.6910	* 1.1125	
	* 1.5302	* 1.8222	* 1.5024	* 1.6601	* 1.7581	* 1.6322	* 2.1254	
13	* 1.2599	* 1.4025	* 1.4058	* 1.7603	* 1.6851	* 1.1096	* 0.7508	
	* 1.9791	* 1.7846	* 1.8041	* 1.5792	* 1.6378	* 2.4442	* 3.2275	
14	* 1.7025	* 1.7039	* 1.7080	* 1.6960	* 1.1109	* 0.7177		
	* 1.5745	* 1.5815	* 1.5956	* 1.6302	* 2.1319	* 3.2369		
15	* 0.9366	* 0.9172	* 0.8801	* 0.7936	* F-SUB-Q			
	* 2.4702	* 2.4768	* 2.5577	* 2.9859	* M-SUB-Q			

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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2361	1.4115	1.8120	1.3787	1.7616	1.2609	1.7120	0.9200
	1.9484	1.6757	1.4008	1.7001	1.4308	1.8617	1.4737	2.3722
9	1.4115	1.7881	1.3713	1.8294	1.3729	1.4054	1.7157	0.8979
	1.6757	1.4372	1.7178	1.3987	1.7195	1.6675	1.4795	2.3884
10	1.8120	1.3733	1.5173	1.5765	1.8719	1.4195	1.7273	0.8650
	1.4008	1.7158	1.5525	1.4946	1.3945	1.6808	1.4868	2.4532
11	1.3787	1.8300	1.5771	1.8636	1.5760	1.7949	1.7209	0.7837
	1.7001	1.3981	1.4940	1.4046	1.5263	1.4531	1.5111	2.8547
12	1.7616	1.3737	1.8723	1.5755	1.4691	1.7377	1.1129	
	1.4308	1.7185	1.3942	1.5271	1.6422	1.5106	1.9958	
13	1.2609	1.4052	1.4201	1.7947	1.7312	1.1304	0.7563	
	1.8617	1.6675	1.6804	1.4531	1.5158	2.2889	3.0565	
14	1.7120	1.7172	1.7287	1.7216	1.1113	0.7149		
	1.4737	1.4785	1.4852	1.5103	2.0015	3.0999		
15	0.9200	0.9033	0.8665	0.7846	F-SUB-Q			
	2.3722	2.3719	2.4491	2.8427	M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2001	1.3624	1.7262	1.3238	1.6808	1.2153	1.6287	0.8827
	1.9093	1.6427	1.3966	1.6855	1.4286	1.8439	1.4777	2.3652
9	1.3624	1.7076	1.3187	1.7393	1.3202	1.3596	1.6381	0.8613
	1.6427	1.4238	1.6994	1.3991	1.7014	1.6438	1.4797	2.3880
10	1.7262	1.3206	1.4700	1.5241	1.7860	1.3743	1.6517	0.8307
	1.3966	1.6974	1.5243	1.4715	1.3854	1.6483	1.4818	2.4417
11	1.3238	1.7399	1.5246	1.7844	1.5320	1.7252	1.6458	0.7512
	1.6855	1.3986	1.4709	1.3962	1.4935	1.4397	1.5038	2.8428
12	1.6808	1.3210	1.7862	1.5311	1.4320	1.6630	1.0707	
	1.4286	1.7005	1.3851	1.4946	1.6005	1.4999	1.9785	
13	1.2153	1.3594	1.3747	1.7247	1.6561	1.0772	0.7355	
	1.8439	1.6438	1.6478	1.4400	1.5059	2.2848	3.0003	
14	1.6287	1.6394	1.6528	1.6461	1.0687	0.6895		
	1.4777	1.4787	1.4803	1.5030	1.9848	3.0680		
15	0.8827	0.8638	0.8321	0.7517	F-SUB-Q			
	2.3652	2.3735	2.4378	2.8322	M-SUB-Q			



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TABLE A-1 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - NORMAL OPERATION

AT 50% POWER, 490 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0436	* 1.1801	* 1.4511	* 1.1404	* 1.4190	* 1.0526	* 1.3679	* 0.7621
	* 2.0969	* 1.8164	* 1.5941	* 1.8810	* 1.6273	* 2.0525	* 1.6950	* 2.6457
9	* 1.1801	* 1.4579	* 1.1379	* 1.4848	* 1.1384	* 1.1822	* 1.3781	* 0.7377
	* 1.8164	* 1.5938	* 1.8924	* 1.5724	* 1.8963	* 1.8195	* 1.6934	* 2.6933
10	* 1.4511	* 1.1394	* 1.2946	* 1.3199	* 1.5283	* 1.1939	* 1.3887	* 0.7108
	* 1.5941	* 1.8905	* 1.6633	* 1.6299	* 1.5489	* 1.8194	* 1.6942	* 2.7568
11	* 1.1404	* 1.4853	* 1.3203	* 1.5252	* 1.3337	* 1.4595	* 1.3854	* 0.6348
	* 1.8810	* 1.5719	* 1.6293	* 1.5590	* 1.6454	* 1.6306	* 1.7136	* 3.2455
12	* 1.4190	* 1.1391	* 1.5284	* 1.3329	* 1.2466	* 1.4273	* 0.9089	
	* 1.6273	* 1.8954	* 1.5486	* 1.6460	* 1.7687	* 1.6810	* 2.2487	
13	* 1.0526	* 1.1820	* 1.1942	* 1.4587	* 1.4214	* 0.8948	* 0.6407	
	* 2.0525	* 1.8195	* 1.8191	* 1.6311	* 1.6877	* 2.6534	* 3.3299	
14	* 1.3679	* 1.3791	* 1.3894	* 1.3854	* 0.9072	* 0.5969		
	* 1.6950	* 1.6920	* 1.6927	* 1.7133	* 2.2561	* 3.4265		
15	* 0.7621	* 0.7398	* 0.7119	* 0.6343	* F-SUB-Q			
	* 2.6457	* 2.6810	* 2.7526	* 3.2380	* M-SUB-Q			

AT 50% POWER, 490 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5283	* 0.5670	* 0.6646	* 0.5741	* 0.6505	* 0.5300	* 0.5938	* 0.3583
	* 3.9840	* 3.6351	* 3.3499	* 3.6019	* 3.4215	* 3.9409	* 3.7652	* 5.4422
9	* 0.5670	* 0.6549	* 0.5729	* 0.6743	* 0.5730	* 0.5516	* 0.5989	* 0.3471
	* 3.6351	* 3.4067	* 3.6225	* 3.3262	* 3.6317	* 3.7595	* 3.7543	* 5.5329
10	* 0.6646	* 0.5735	* 0.5995	* 0.6127	* 0.6877	* 0.5729	* 0.6014	* 0.3380
	* 3.3499	* 3.6198	* 3.4569	* 3.3758	* 3.3004	* 3.6480	* 3.7575	* 5.6087
11	* 0.5741	* 0.6745	* 0.6129	* 0.6926	* 0.6176	* 0.6655	* 0.5958	* 0.3062
	* 3.6019	* 3.3250	* 3.3747	* 3.2896	* 3.4013	* 3.4340	* 3.8363	* 6.5115
12	* 0.6505	* 0.5732	* 0.6877	* 0.6172	* 0.5790	* 0.6353	* 0.4317	
	* 3.4215	* 3.6305	* 3.3000	* 3.4030	* 3.6560	* 3.6312	* 4.5579	
13	* 0.5300	* 0.5516	* 0.5729	* 0.6650	* 0.6329	* 0.5423	* 0.2997	
	* 3.9409	* 3.7594	* 3.6481	* 3.4360	* 3.6442	* 4.2556	* 6.9212	
14	* 0.5938	* 0.5994	* 0.6018	* 0.5956	* 0.4307	* 0.2876		
	* 3.7652	* 3.7513	* 3.7546	* 3.8368	* 4.5739	* 6.9155		
15	* 0.3583	* 0.3483	* 0.3385	* 0.3059	* F-SUB-Q			
	* 5.4422	* 5.5094	* 5.6005	* 6.4980	* M-SUB-Q			

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TABLE A-2

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 4.6122	* 4.5299	* 3.6234	* 4.4963	* 3.7200	* 4.6919	* 4.1169	* 6.9589
	* 5.0587	* 4.9795	* 4.1240	* 4.9268	* 4.2011	* 5.1627	* 4.7051	* 7.5748
	* 4.8602	* 4.8229	* 4.2888	* 4.7856	* 4.3772	* 5.1027	* 4.8472	* 7.4762
	* 4.3260	* 4.3414	* 3.9959	* 4.3246	* 4.0825	* 4.6473	* 4.5577	* 6.8029
	* 3.7895	* 3.8802	* 3.6952	* 3.8860	* 3.7724	* 4.1928	* 4.2136	* 6.0921
	* 2.9837	* 3.1652	* 3.1011	* 3.1962	* 3.1767	* 3.4412	* 3.5473	* 4.8550
*****								
9	* 4.5299	* 3.7335	* 4.4997	* 3.6222	* 4.4713	* 4.6360	* 4.1056	* 7.0106
	* 4.9795	* 4.2462	* 4.9386	* 4.1241	* 4.8925	* 5.0598	* 4.6796	* 7.6373
	* 4.8229	* 4.3560	* 4.8035	* 4.2425	* 4.7683	* 4.9265	* 4.7943	* 7.5416
	* 4.3414	* 4.0510	* 4.3375	* 3.9682	* 4.3179	* 4.4642	* 4.4999	* 6.8649
	* 3.8802	* 3.7244	* 3.8934	* 3.6705	* 3.8832	* 4.0064	* 4.1543	* 6.1417
	* 3.1652	* 3.1138	* 3.1924	* 3.1089	* 3.2120	* 3.2906	* 3.5157	* 4.8940
*****								
10	* 3.6234	* 4.4996	* 4.2592	* 4.1615	* 3.5447	* 4.4378	* 4.1182	* 7.0416
	* 4.1240	* 4.9383	* 4.6870	* 4.5491	* 4.0092	* 4.8368	* 4.6834	* 7.6480
	* 4.2888	* 4.8036	* 4.5706	* 4.4235	* 4.1352	* 4.7077	* 4.7679	* 7.5282
	* 3.9959	* 4.3375	* 4.1307	* 4.0026	* 3.8700	* 4.2648	* 4.4534	* 6.8415
	* 3.6952	* 3.8933	* 3.7077	* 3.5993	* 3.5824	* 3.8333	* 4.1080	* 6.1193
	* 3.1011	* 3.1922	* 3.0523	* 2.9950	* 3.0409	* 3.1725	* 3.4733	* 4.8824
*****								
11	* 4.4963	* 3.6241	* 4.1635	* 3.4830	* 4.1898	* 3.6989	* 4.2825	* 8.3469
	* 4.9268	* 4.1262	* 4.5514	* 3.9374	* 4.5652	* 4.1798	* 4.8358	* 9.0210
	* 4.7856	* 4.2442	* 4.4253	* 4.0851	* 4.4225	* 4.2811	* 4.8140	* 8.7600
	* 4.3246	* 3.9694	* 4.0039	* 3.8163	* 3.9933	* 3.9968	* 4.4412	* 7.8966
	* 3.8860	* 3.6714	* 3.6002	* 3.5339	* 3.5626	* 3.6700	* 4.0834	* 6.9707
	* 3.1962	* 3.1093	* 2.9955	* 2.9853	* 2.9268	* 3.0970	* 3.4979	* 5.4885
*****								
12	* 3.7200	* 4.4745	* 3.5474	* 4.1934	* 4.4924	* 4.0853	* 5.8872	*
	* 4.2011	* 4.8958	* 4.0130	* 4.5694	* 4.8654	* 4.6098	* 6.3748	*
	* 4.3772	* 4.7711	* 4.1381	* 4.4265	* 4.6421	* 4.5712	* 6.2103	*
	* 4.0825	* 4.3200	* 3.8725	* 3.9966	* 4.1471	* 4.2014	* 5.6086	*
	* 3.7724	* 3.8845	* 3.5842	* 3.5652	* 3.6531	* 3.8244	* 4.9913	*
	* 3.1767	* 3.2127	* 3.0420	* 2.9289	* 2.9397	* 3.1619	* 3.9993	*
*****								
13	* 4.6919	* 4.6406	* 4.4449	* 3.7052	* 4.1034	* 4.9372	* 9.8320	*
	* 5.1627	* 5.0648	* 4.8445	* 4.1886	* 4.6295	* 5.5027	* 10.5253	*
	* 5.1027	* 4.9306	* 4.7143	* 4.2881	* 4.5870	* 5.2411	* 9.7035	*
	* 4.6473	* 4.4674	* 4.2700	* 4.0031	* 4.2139	* 4.6721	* 8.4224	*
	* 4.1928	* 4.0086	* 3.8370	* 3.6747	* 3.8372	* 4.1125	* 7.1061	*
	* 3.4412	* 3.2918	* 3.1748	* 3.1004	* 3.1705	* 3.3322	* 5.3061	*
*****								
14	* 4.1169	* 4.1079	* 4.1222	* 4.2907	* 5.9117	* 10.1167	*	*
	* 4.7050	* 4.6822	* 4.6877	* 4.8447	* 6.4010	* 10.8274	*	*
	* 4.8472	* 4.7968	* 4.7711	* 4.8222	* 6.2325	* 9.9369	*	*
	* 4.5577	* 4.5017	* 4.4556	* 4.4473	* 5.6268	* 8.5894	*	*
	* 4.2136	* 4.1552	* 4.1111	* 4.0876	* 5.0051	* 7.2044	*	*
	* 3.5473	* 3.5159	* 3.4749	* 3.5003	* 4.0084	* 5.3281	*	*
*****								
15	* 6.9589	* 6.9980	* 7.0424	* 8.3613	* 4 EFPD	118 % POWER		
	* 7.5748	* 7.6236	* 7.6488	* 9.0364	* 50 EFPD	118 % POWER		
	* 7.4762	* 7.5280	* 7.5276	* 8.7718	* 175 EFPD	118 % POWER		
	* 6.8029	* 6.8526	* 6.8401	* 7.9052	* 250 EFPD	118 % POWER		
	* 6.0921	* 6.1332	* 6.1177	* 6.9725	* 350 EFPD	118 % POWER		
	* 4.8550	* 4.8863	* 4.8806	* 5.4878	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.2586	* 2.0858	* 1.6043	* 2.1775	* 1.6242	* 2.2112	* 1.6615	* 3.0691
	* 2.4697	* 2.2683	* 1.8089	* 2.3600	* 1.8190	* 2.4098	* 1.8932	* 3.3085
	* 2.4616	* 2.2505	* 1.9381	* 2.3425	* 1.9619	* 2.4472	* 2.0321	* 3.3329
	* 2.2865	* 2.0952	* 1.8726	* 2.1846	* 1.9012	* 2.3118	* 1.9858	* 3.1340
	* 2.1506	* 1.9834	* 1.8400	* 2.0729	* 1.8732	* 2.2148	* 1.9635	* 2.9722
	* 1.9617	* 1.8343	* 1.7473	* 1.9238	* 1.7829	* 2.0519	* 1.8670	* 2.6488
*****								
9	* 2.0858	* 1.6705	* 2.1651	* 1.6910	* 2.1658	* 2.0247	* 1.6452	* 3.0626
	* 2.2683	* 1.8836	* 2.3570	* 1.9002	* 2.3465	* 2.1974	* 1.8720	* 3.3037
	* 2.2505	* 1.9866	* 2.3438	* 1.9968	* 2.3369	* 2.2083	* 2.0036	* 3.3359
	* 2.0952	* 1.9060	* 2.1862	* 1.9202	* 2.1845	* 2.0780	* 1.9566	* 3.1402
	* 1.9834	* 1.8522	* 2.0736	* 1.8731	* 2.0732	* 1.9833	* 1.9357	* 2.9805
	* 1.8343	* 1.7372	* 1.9219	* 1.7462	* 1.9207	* 1.8363	* 1.8495	* 2.6784
*****								
10	* 1.6043	* 2.1645	* 1.8735	* 1.8790	* 1.6414	* 2.0184	* 1.6486	* 3.1113
	* 1.8089	* 2.3565	* 2.0538	* 2.0362	* 1.8373	* 2.1795	* 1.8713	* 3.3511
	* 1.9381	* 2.3435	* 2.0721	* 2.0291	* 1.9410	* 2.1764	* 1.9904	* 3.3780
	* 1.8726	* 2.1860	* 1.9441	* 1.8988	* 1.8687	* 2.0407	* 1.9372	* 3.1775
	* 1.8400	* 2.0734	* 1.8481	* 1.8058	* 1.8134	* 1.9419	* 1.9124	* 3.0155
	* 1.7473	* 1.9217	* 1.7170	* 1.6752	* 1.6884	* 1.7991	* 1.8212	* 2.7091
*****								
11	* 2.1775	* 1.6917	* 1.8798	* 1.6082	* 1.8641	* 1.5747	* 1.7064	* 3.6985
	* 2.3600	* 1.9009	* 2.0371	* 1.7960	* 2.0150	* 1.7726	* 1.9207	* 3.9649
	* 2.3425	* 1.9974	* 2.0299	* 1.9009	* 2.0058	* 1.8924	* 1.9926	* 3.9443
	* 2.1846	* 1.9206	* 1.8994	* 1.8288	* 1.8722	* 1.8372	* 1.9144	* 3.6801
	* 2.0729	* 1.8735	* 1.8062	* 1.7871	* 1.7742	* 1.8023	* 1.8822	* 3.4454
	* 1.9238	* 1.7464	* 1.6754	* 1.6730	* 1.6345	* 1.7053	* 1.8149	* 3.0620
*****								
12	* 1.6242	* 2.1671	* 1.6427	* 1.8660	* 1.9600	* 1.7199	* 2.6053	*
	* 1.8190	* 2.3479	* 1.8390	* 2.0170	* 2.1140	* 1.9353	* 2.8003	*
	* 1.9619	* 2.3381	* 1.9423	* 2.0077	* 2.0928	* 2.0042	* 2.7924	*
	* 1.9012	* 2.1854	* 1.8699	* 1.8738	* 1.9489	* 1.9195	* 2.6075	*
	* 1.8732	* 2.0738	* 1.8143	* 1.7755	* 1.8366	* 1.8714	* 2.4572	*
	* 1.7829	* 1.9210	* 1.6890	* 1.6356	* 1.6751	* 1.7456	* 2.2019	*
*****								
13	* 2.2112	* 2.0267	* 2.0218	* 1.5773	* 1.7313	* 3.1921	* 4.0572	*
	* 2.4098	* 2.1996	* 2.1829	* 1.7762	* 1.9469	* 3.4848	* 4.3329	*
	* 2.4472	* 2.2101	* 2.1795	* 1.8953	* 2.0130	* 3.3210	* 4.1446	*
	* 2.3118	* 2.0795	* 2.0432	* 1.8399	* 1.9262	* 3.0149	* 3.7423	*
	* 2.2148	* 1.9845	* 1.9437	* 1.8044	* 1.8766	* 2.7523	* 3.3659	*
	* 2.0519	* 1.8370	* 1.8004	* 1.7086	* 1.7506	* 2.4185	* 2.8657	*
*****								
14	* 1.6615	* 1.6460	* 1.6500	* 1.7099	* 2.6159	* 4.2374	*	*
	* 1.8932	* 1.8729	* 1.8728	* 1.9245	* 2.8114	* 4.5250	*	*
	* 2.0321	* 2.0045	* 1.9915	* 1.9957	* 2.8022	* 4.3121	*	*
	* 1.9858	* 1.9574	* 1.9380	* 1.9169	* 2.6158	* 3.8795	*	*
	* 1.9635	* 1.9360	* 1.9137	* 1.8839	* 2.4639	* 3.4716	*	*
	* 1.8670	* 1.8495	* 1.8220	* 1.8160	* 2.2071	* 2.9309	*	*
*****								
15	* 3.0691	* 3.0559	* 3.1114	* 3.7047	* 4 EFPD	118 % POWER		
	* 3.3085	* 3.2966	* 3.3511	* 3.9715	* 50 EFPD	118 % POWER		
	* 3.3329	* 3.3287	* 3.3775	* 3.9496	* 175 EFPD	118 % POWER		
	* 3.1340	* 3.1335	* 3.1766	* 3.6841	* 250 EFPD	118 % POWER		
	* 2.9722	* 2.9757	* 3.0145	* 3.4464	* 350 EFPD	118 % POWER		
	* 2.6488	* 2.6720	* 2.7090	* 3.0616	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.9384	* 1.8389	* 1.6571	* 1.9125	* 1.5732	* 1.8726	* 1.5342	* 2.6882
	* 2.0943	* 1.9553	* 1.7768	* 2.0231	* 1.7037	* 2.0037	* 1.6969	* 2.8197
	* 2.0922	* 1.9013	* 1.7188	* 1.9777	* 1.7114	* 2.0285	* 1.7574	* 2.7825
	* 1.9729	* 1.7851	* 1.6180	* 1.8558	* 1.6289	* 1.9429	* 1.6947	* 2.6325
	* 1.9045	* 1.7257	* 1.5805	* 1.7911	* 1.6094	* 1.9080	* 1.6773	* 2.5370
	* 1.8268	* 1.6676	* 1.5465	* 1.7341	* 1.5795	* 1.8472	* 1.6438	* 2.3482
*****								
9	* 1.8389	* 1.5113	* 1.8510	* 1.5112	* 1.8723	* 1.7125	* 1.4885	* 2.6346
	* 1.9553	* 1.6723	* 1.9923	* 1.6758	* 1.9996	* 1.8299	* 1.6361	* 2.7742
	* 1.9013	* 1.7249	* 1.9739	* 1.7293	* 1.9705	* 1.8365	* 1.6967	* 2.7606
	* 1.7851	* 1.6497	* 1.8535	* 1.6621	* 1.8555	* 1.7506	* 1.6556	* 2.6212
	* 1.7257	* 1.6184	* 1.7914	* 1.6327	* 1.7931	* 1.7131	* 1.6519	* 2.5377
	* 1.6676	* 1.5711	* 1.7346	* 1.5770	* 1.7299	* 1.6623	* 1.6310	* 2.3580
*****								
10	* 1.6571	* 1.8502	* 1.5950	* 1.6394	* 1.4919	* 1.7396	* 1.4892	* 2.6895
	* 1.7768	* 1.9913	* 1.7331	* 1.7532	* 1.6280	* 1.8375	* 1.6301	* 2.8254
	* 1.7188	* 1.9735	* 1.7496	* 1.7204	* 1.6748	* 1.8134	* 1.6749	* 2.8014
	* 1.6180	* 1.8531	* 1.6613	* 1.6201	* 1.6049	* 1.7202	* 1.6312	* 2.6550
	* 1.5805	* 1.7910	* 1.6200	* 1.5689	* 1.5758	* 1.6769	* 1.6229	* 2.5647
	* 1.5465	* 1.7343	* 1.5734	* 1.5211	* 1.5257	* 1.6224	* 1.6021	* 2.3936
*****								
11	* 1.9125	* 1.5112	* 1.6396	* 1.4793	* 1.6015	* 1.5192	* 1.4879	* 3.1193
	* 2.0231	* 1.6757	* 1.7541	* 1.6197	* 1.7012	* 1.6440	* 1.6224	* 3.2685
	* 1.9777	* 1.7301	* 1.7212	* 1.6873	* 1.6784	* 1.6332	* 1.6456	* 3.2126
	* 1.8558	* 1.6626	* 1.6207	* 1.6063	* 1.5831	* 1.5597	* 1.5954	* 3.0253
	* 1.7911	* 1.6329	* 1.5694	* 1.5590	* 1.5332	* 1.5373	* 1.5894	* 2.8869
	* 1.7341	* 1.5771	* 1.5213	* 1.5051	* 1.4798	* 1.5036	* 1.5912	* 2.6626
*****								
12	* 1.5732	* 1.8735	* 1.4930	* 1.6037	* 1.6528	* 1.4590	* 2.2266	*
	* 1.7037	* 2.0008	* 1.6294	* 1.7034	* 1.7622	* 1.6051	* 2.3353	*
	* 1.7114	* 1.9715	* 1.6759	* 1.6803	* 1.7505	* 1.6444	* 2.2910	*
	* 1.6289	* 1.8562	* 1.6057	* 1.5847	* 1.6545	* 1.5911	* 2.1526	*
	* 1.6094	* 1.7936	* 1.5764	* 1.5345	* 1.6001	* 1.5873	* 2.0584	*
	* 1.5795	* 1.7301	* 1.5263	* 1.4809	* 1.5346	* 1.5636	* 1.9118	*
*****								
13	* 1.8726	* 1.7143	* 1.7427	* 1.5231	* 1.4693	* 2.6055	* 3.3569	*
	* 2.0037	* 1.8318	* 1.8408	* 1.6482	* 1.6156	* 2.8010	* 3.5473	*
	* 2.0285	* 1.8382	* 1.8162	* 1.6363	* 1.6525	* 2.6704	* 3.4132	*
	* 1.9429	* 1.7520	* 1.7224	* 1.5625	* 1.5975	* 2.4596	* 3.1287	*
	* 1.9080	* 1.7141	* 1.6786	* 1.5394	* 1.5926	* 2.2996	* 2.8851	*
	* 1.8472	* 1.6631	* 1.6235	* 1.5060	* 1.5671	* 2.1124	* 2.5667	*
*****								
14	* 1.5342	* 1.4892	* 1.4909	* 1.4916	* 2.2366	* 3.5438	*	*
	* 1.6969	* 1.6369	* 1.6318	* 1.6262	* 2.3455	* 3.7316	*	*
	* 1.7574	* 1.6975	* 1.6766	* 1.6486	* 2.2998	* 3.5658	*	*
	* 1.6947	* 1.6562	* 1.6327	* 1.5978	* 2.1601	* 3.2519	*	*
	* 1.6773	* 1.6521	* 1.6240	* 1.5909	* 2.0645	* 2.9758	*	*
	* 1.6438	* 1.6309	* 1.6028	* 1.5922	* 1.9168	* 2.6175	*	*
*****								
15	* 2.6882	* 2.6319	* 2.6894	* 3.1250	* 4 EFPD	118 % POWER		
	* 2.8197	* 2.7706	* 2.8253	* 3.2744	* 50 EFPD	118 % POWER		
	* 2.7825	* 2.7564	* 2.8009	* 3.2164	* 175 EFPD	118 % POWER		
	* 2.6325	* 2.6172	* 2.6542	* 3.0269	* 250 EFPD	118 % POWER		
	* 2.5370	* 2.5332	* 2.5637	* 2.8862	* 350 EFPD	118 % POWER		
	* 2.3482	* 2.3525	* 2.3925	* 2.6610	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.8282	* 1.7431	* 1.5593	* 1.8273	* 1.4499	* 1.7487	* 1.4049	* 2.5962
	* 1.9557	* 1.8319	* 1.6439	* 1.8959	* 1.5408	* 1.8471	* 1.5243	* 2.6643
	* 1.9464	* 1.7572	* 1.5408	* 1.8270	* 1.5287	* 1.8683	* 1.5574	* 2.6013
	* 1.8509	* 1.6610	* 1.4580	* 1.7249	* 1.4701	* 1.8088	* 1.5181	* 2.4848
	* 1.8161	* 1.6289	* 1.4491	* 1.6878	* 1.4738	* 1.8004	* 1.5288	* 2.4262
	* 1.7884	* 1.6178	* 1.4626	* 1.6764	* 1.4869	* 1.7812	* 1.5379	* 2.3018
*****								
9	* 1.7431	* 1.3975	* 1.7444	* 1.4021	* 1.7599	* 1.5845	* 1.3571	* 2.5303
	* 1.8319	* 1.5245	* 1.8562	* 1.5318	* 1.8537	* 1.6740	* 1.4620	* 2.6108
	* 1.7572	* 1.5517	* 1.8246	* 1.5620	* 1.8198	* 1.6808	* 1.5099	* 2.5757
	* 1.6610	* 1.4920	* 1.7236	* 1.5067	* 1.7247	* 1.6220	* 1.4833	* 2.4697
	* 1.6289	* 1.4855	* 1.6903	* 1.4923	* 1.6893	* 1.6142	* 1.5081	* 2.4219
	* 1.6178	* 1.4841	* 1.6799	* 1.4793	* 1.6725	* 1.6083	* 1.5333	* 2.3065
*****								
10	* 1.5593	* 1.7432	* 1.4861	* 1.5392	* 1.3859	* 1.6218	* 1.3563	* 2.5947
	* 1.6439	* 1.8549	* 1.6000	* 1.6284	* 1.4774	* 1.6892	* 1.4539	* 2.6716
	* 1.5408	* 1.8240	* 1.6091	* 1.5839	* 1.5051	* 1.6595	* 1.4850	* 2.6274
	* 1.4580	* 1.7230	* 1.5417	* 1.5017	* 1.4482	* 1.5897	* 1.4555	* 2.5167
	* 1.4491	* 1.6897	* 1.5252	* 1.4745	* 1.4474	* 1.5737	* 1.4802	* 2.4720
	* 1.4626	* 1.6795	* 1.5217	* 1.4680	* 1.4290	* 1.5656	* 1.5043	* 2.3601
*****								
11	* 1.8273	* 1.4019	* 1.5394	* 1.3605	* 1.4808	* 1.3950	* 1.3558	* 2.9846
	* 1.8959	* 1.5316	* 1.6294	* 1.4646	* 1.5543	* 1.4760	* 1.4459	* 3.0674
	* 1.8270	* 1.5627	* 1.5847	* 1.5167	* 1.5280	* 1.4430	* 1.4562	* 2.9966
	* 1.7249	* 1.5072	* 1.5023	* 1.4430	* 1.4553	* 1.3953	* 1.4247	* 2.8516
	* 1.6878	* 1.4923	* 1.4749	* 1.4214	* 1.4328	* 1.4012	* 1.4467	* 2.7648
	* 1.6764	* 1.4793	* 1.4683	* 1.4191	* 1.4235	* 1.4174	* 1.4940	* 2.6136
*****								
12	* 1.4499	* 1.7610	* 1.3872	* 1.4836	* 1.5278	* 1.3320	* 2.1434	*
	* 1.5408	* 1.8548	* 1.4807	* 1.5568	* 1.6123	* 1.4409	* 2.2036	*
	* 1.5287	* 1.8206	* 1.5077	* 1.5300	* 1.6012	* 1.4689	* 2.1384	*
	* 1.4701	* 1.7253	* 1.4491	* 1.4570	* 1.5277	* 1.4363	* 2.0248	*
	* 1.4738	* 1.6896	* 1.4480	* 1.4341	* 1.5043	* 1.4586	* 1.9689	*
	* 1.4869	* 1.6726	* 1.4295	* 1.4245	* 1.4783	* 1.4724	* 1.8702	*
*****								
13	* 1.7487	* 1.5863	* 1.6237	* 1.3993	* 1.3424	* 2.3455	* 3.1985	*
	* 1.8471	* 1.6760	* 1.6926	* 1.4803	* 1.4512	* 2.4880	* 3.3383	*
	* 1.8683	* 1.6825	* 1.6623	* 1.4462	* 1.4765	* 2.3709	* 3.2126	*
	* 1.8088	* 1.6234	* 1.5919	* 1.3980	* 1.4421	* 2.2063	* 2.9745	*
	* 1.8004	* 1.6153	* 1.5754	* 1.4032	* 1.4629	* 2.1006	* 2.7854	*
	* 1.7812	* 1.6090	* 1.5667	* 1.4204	* 1.4773	* 1.9871	* 2.5422	*
*****								
14	* 1.4049	* 1.3579	* 1.3580	* 1.3596	* 2.1538	* 3.3861	*	*
	* 1.5243	* 1.4628	* 1.4557	* 1.4498	* 2.2141	* 3.5248	*	*
	* 1.5574	* 1.5107	* 1.4865	* 1.4592	* 2.1473	* 3.3718	*	*
	* 1.5181	* 1.4838	* 1.4569	* 1.4269	* 2.0322	* 3.1098	*	*
	* 1.5288	* 1.5081	* 1.4812	* 1.4481	* 1.9748	* 2.8966	*	*
	* 1.5379	* 1.5330	* 1.5049	* 1.4949	* 1.8753	* 2.6175	*	*
*****								
15	* 2.5962	* 2.5274	* 2.5955	* 2.9901	* 4 EFPD	118 % POWER		
	* 2.6643	* 2.6067	* 2.6715	* 3.0731	* 50 EFPD	118 % POWER		
	* 2.6013	* 2.5716	* 2.6268	* 3.0006	* 175 EFPD	118 % POWER		
	* 2.4848	* 2.4656	* 2.5157	* 2.8519	* 250 EFPD	118 % POWER		
	* 2.4262	* 2.4177	* 2.4708	* 2.7629	* 350 EFPD	118 % POWER		
	* 2.3018	* 2.3010	* 2.3582	* 2.6109	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.8339	* 1.7449	* 1.5487	* 1.8281	* 1.4250	* 1.7351	* 1.3731	* 2.5789
	* 1.9430	* 1.8110	* 1.6059	* 1.8705	* 1.4947	* 1.8127	* 1.4701	* 2.6063
	* 1.9255	* 1.7253	* 1.4875	* 1.7932	* 1.4763	* 1.8345	* 1.4942	* 2.5414
	* 1.8458	* 1.6436	* 1.4208	* 1.7050	* 1.4352	* 1.7956	* 1.4765	* 2.4534
	* 1.8306	* 1.6292	* 1.4256	* 1.6782	* 1.4518	* 1.8006	* 1.5052	* 2.4173
	* 1.8299	* 1.6458	* 1.4669	* 1.6847	* 1.4854	* 1.7987	* 1.5337	* 2.3090
*****								
9	* 1.7449	* 1.3842	* 1.7450	* 1.3879	* 1.7518	* 1.5660	* 1.3203	* 2.5143
	* 1.8110	* 1.4933	* 1.8378	* 1.4992	* 1.8244	* 1.6345	* 1.4030	* 2.5565
	* 1.7253	* 1.5014	* 1.7918	* 1.5132	* 1.7841	* 1.6481	* 1.4501	* 2.5232
	* 1.6436	* 1.4551	* 1.7061	* 1.4686	* 1.7042	* 1.6064	* 1.4429	* 2.4469
	* 1.6292	* 1.4653	* 1.6857	* 1.4598	* 1.6795	* 1.6109	* 1.4828	* 2.4170
	* 1.6458	* 1.4941	* 1.6990	* 1.4769	* 1.6878	* 1.6219	* 1.5262	* 2.3192
*****								
10	* 1.5487	* 1.7435	* 1.4793	* 1.5334	* 1.3558	* 1.5968	* 1.3170	* 2.5774
	* 1.6059	* 1.8362	* 1.5784	* 1.5996	* 1.4260	* 1.6465	* 1.3920	* 2.6172
	* 1.4875	* 1.7911	* 1.5826	* 1.5500	* 1.4471	* 1.6180	* 1.4253	* 2.5722
	* 1.4208	* 1.7053	* 1.5279	* 1.4807	* 1.4072	* 1.5650	* 1.4111	* 2.4908
	* 1.4256	* 1.6847	* 1.5220	* 1.4674	* 1.4215	* 1.5704	* 1.4582	* 2.4611
	* 1.4669	* 1.6981	* 1.5442	* 1.4860	* 1.4305	* 1.5895	* 1.5100	* 2.3696
*****								
11	* 1.8281	* 1.3877	* 1.5336	* 1.3302	* 1.4536	* 1.3596	* 1.3127	* 2.9509
	* 1.8705	* 1.4989	* 1.6007	* 1.4159	* 1.5102	* 1.4134	* 1.3796	* 2.9888
	* 1.7932	* 1.5139	* 1.5508	* 1.4627	* 1.4855	* 1.3797	* 1.3931	* 2.9211
	* 1.7050	* 1.4691	* 1.4813	* 1.3945	* 1.4270	* 1.3517	* 1.3778	* 2.8102
	* 1.6782	* 1.4598	* 1.4675	* 1.3927	* 1.4235	* 1.3786	* 1.4225	* 2.7569
	* 1.6847	* 1.4768	* 1.4859	* 1.4229	* 1.4414	* 1.4233	* 1.4983	* 2.6441
*****								
12	* 1.4250	* 1.7529	* 1.3590	* 1.4567	* 1.5046	* 1.2958	* 2.1037	*
	* 1.4947	* 1.8256	* 1.4295	* 1.5134	* 1.5717	* 1.3845	* 2.1322	*
	* 1.4763	* 1.7849	* 1.4500	* 1.4877	* 1.5629	* 1.4113	* 2.0678	*
	* 1.4352	* 1.7048	* 1.4081	* 1.4288	* 1.5053	* 1.3948	* 1.9793	*
	* 1.4518	* 1.6798	* 1.4222	* 1.4249	* 1.5012	* 1.4369	* 1.9495	*
	* 1.4854	* 1.6876	* 1.4310	* 1.4425	* 1.4968	* 1.4692	* 1.8826	*
*****								
13	* 1.7351	* 1.5681	* 1.5989	* 1.3643	* 1.3068	* 2.2815	* 3.1659	*
	* 1.8127	* 1.6363	* 1.6503	* 1.4182	* 1.3954	* 2.3901	* 3.2669	*
	* 1.8345	* 1.6499	* 1.6210	* 1.3831	* 1.4195	* 2.2800	* 3.1469	*
	* 1.7956	* 1.6079	* 1.5673	* 1.3545	* 1.4008	* 2.1421	* 2.9399	*
	* 1.8006	* 1.6119	* 1.5720	* 1.3806	* 1.4414	* 2.0664	* 2.7847	*
	* 1.7987	* 1.6224	* 1.5905	* 1.4263	* 1.4743	* 1.9923	* 2.5839	*
*****								
14	* 1.3731	* 1.3211	* 1.3189	* 1.3168	* 2.1148	* 3.3567	*	*
	* 1.4701	* 1.4039	* 1.3939	* 1.3837	* 2.1432	* 3.4488	*	*
	* 1.4942	* 1.4509	* 1.4269	* 1.3961	* 2.0767	* 3.3002	*	*
	* 1.4765	* 1.4434	* 1.4125	* 1.3800	* 1.9867	* 3.0681	*	*
	* 1.5052	* 1.4828	* 1.4591	* 1.4239	* 1.9556	* 2.8879	*	*
	* 1.5337	* 1.5258	* 1.5105	* 1.4991	* 1.8875	* 2.6521	*	*
*****								
15	* 2.5789	* 2.5113	* 2.5790	* 2.9568	* 4 EFPD	118 % POWER		
	* 2.6063	* 2.5533	* 2.6173	* 2.9948	* 50 EFPD	118 % POWER		
	* 2.5414	* 2.5189	* 2.5717	* 2.9250	* 175 EFPD	118 % POWER		
	* 2.4534	* 2.4426	* 2.4897	* 2.8103	* 250 EFPD	118 % POWER		
	* 2.4173	* 2.4126	* 2.4597	* 2.7546	* 350 EFPD	118 % POWER		
	* 2.3090	* 2.3136	* 2.3677	* 2.6406	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8850	* 1.7904	* 1.5833	* 1.8709	* 1.4463	* 1.7675	* 1.3864	* 2.6122
	* 1.9814	* 1.8392	* 1.6208	* 1.8949	* 1.5000	* 1.8305	* 1.4690	* 2.6094
	* 1.9592	* 1.7465	* 1.4926	* 1.8143	* 1.4813	* 1.8577	* 1.4929	* 2.5507
	* 1.8919	* 1.6750	* 1.4370	* 1.7376	* 1.4538	* 1.8352	* 1.4926	* 2.4870
	* 1.8765	* 1.6612	* 1.4477	* 1.7140	* 1.4782	* 1.8482	* 1.5322	* 2.4607
	* 1.8812	* 1.6907	* 1.4923	* 1.7237	* 1.5187	* 1.8486	* 1.5660	* 2.3491
9	* 1.7904	* 1.4137	* 1.7890	* 1.4158	* 1.7881	* 1.5905	* 1.3277	* 2.5498
	* 1.8392	* 1.5119	* 1.8688	* 1.5127	* 1.8455	* 1.6420	* 1.3961	* 2.5634
	* 1.7465	* 1.5092	* 1.8143	* 1.5177	* 1.8031	* 1.6667	* 1.4476	* 2.5402
	* 1.6750	* 1.4735	* 1.7408	* 1.4850	* 1.7340	* 1.6398	* 1.4578	* 2.4880
	* 1.6612	* 1.4836	* 1.7215	* 1.4776	* 1.7131	* 1.6500	* 1.5073	* 2.4690
	* 1.6907	* 1.5290	* 1.7356	* 1.5008	* 1.7246	* 1.6618	* 1.5550	* 2.3675
10	* 1.5833	* 1.7873	* 1.5112	* 1.5667	* 1.3687	* 1.6159	* 1.3222	* 2.6117
	* 1.6208	* 1.8669	* 1.6010	* 1.6151	* 1.4244	* 1.6523	* 1.3823	* 2.6197
	* 1.4926	* 1.8134	* 1.6040	* 1.5636	* 1.4453	* 1.6285	* 1.4207	* 2.5841
	* 1.4370	* 1.7399	* 1.5601	* 1.5053	* 1.4190	* 1.5902	* 1.4224	* 2.5257
	* 1.4477	* 1.7205	* 1.5562	* 1.4944	* 1.4341	* 1.6022	* 1.4770	* 2.5042
	* 1.4923	* 1.7346	* 1.5812	* 1.5199	* 1.4619	* 1.6361	* 1.5406	* 2.4111
11	* 1.8709	* 1.4155	* 1.5669	* 1.3424	* 1.4674	* 1.3680	* 1.3146	* 2.9788
	* 1.8949	* 1.5136	* 1.6163	* 1.4162	* 1.5124	* 1.4038	* 1.3663	* 2.9833
	* 1.8143	* 1.5184	* 1.5645	* 1.4574	* 1.4913	* 1.3730	* 1.3876	* 2.9262
	* 1.7376	* 1.4854	* 1.5059	* 1.4012	* 1.4451	* 1.3604	* 1.3864	* 2.8437
	* 1.7140	* 1.4775	* 1.4946	* 1.4073	* 1.4516	* 1.3987	* 1.4420	* 2.7965
	* 1.7237	* 1.5007	* 1.5198	* 1.4568	* 1.4859	* 1.4623	* 1.5336	* 2.6893
12	* 1.4463	* 1.7893	* 1.3722	* 1.4708	* 1.5224	* 1.3030	* 2.1096	*
	* 1.5000	* 1.8467	* 1.4282	* 1.5159	* 1.5777	* 1.3786	* 2.1149	*
	* 1.4813	* 1.8038	* 1.4483	* 1.4936	* 1.5733	* 1.4087	* 2.0595	*
	* 1.4538	* 1.7345	* 1.4200	* 1.4470	* 1.5293	* 1.4050	* 1.9898	*
	* 1.4782	* 1.7133	* 1.4348	* 1.4530	* 1.5354	* 1.4618	* 1.9682	*
	* 1.5187	* 1.7244	* 1.4624	* 1.4871	* 1.5467	* 1.5074	* 1.9258	*
13	* 1.7675	* 1.5928	* 1.6182	* 1.3734	* 1.3150	* 2.3021	* 3.2047	*
	* 1.8305	* 1.6437	* 1.6564	* 1.4089	* 1.3902	* 2.3871	* 3.2757	*
	* 1.8577	* 1.6686	* 1.6316	* 1.3766	* 1.4171	* 2.2828	* 3.1626	*
	* 1.8352	* 1.6413	* 1.5926	* 1.3634	* 1.4120	* 2.1635	* 2.9801	*
	* 1.8482	* 1.6510	* 1.6037	* 1.4007	* 1.4666	* 2.1059	* 2.8463	*
	* 1.8486	* 1.6624	* 1.6369	* 1.4654	* 1.5124	* 2.0530	* 2.6599	*
14	* 1.3864	* 1.3286	* 1.3242	* 1.3191	* 2.1213	* 3.4022	*	*
	* 1.4690	* 1.3971	* 1.3844	* 1.3707	* 2.1263	* 3.4617	*	*
	* 1.4929	* 1.4484	* 1.4227	* 1.3908	* 2.0686	* 3.3156	*	*
	* 1.4926	* 1.4583	* 1.4238	* 1.3887	* 1.9975	* 3.1064	*	*
	* 1.5322	* 1.5072	* 1.4778	* 1.4432	* 1.9743	* 2.9424	*	*
	* 1.5660	* 1.5545	* 1.5406	* 1.5342	* 1.9306	* 2.7146	*	*
15	* 2.6122	* 2.5469	* 2.6133	* 2.9855	* 4 EFPD	118 % POWER		
	* 2.6094	* 2.5607	* 2.6199	* 2.9899	* 50 EFPD	118 % POWER		
	* 2.5507	* 2.5358	* 2.5834	* 2.9301	* 175 EFPD	118 % POWER		
	* 2.4870	* 2.4834	* 2.5245	* 2.8440	* 250 EFPD	118 % POWER		
	* 2.4607	* 2.4632	* 2.5027	* 2.7941	* 350 EFPD	118 % POWER		
	* 2.3491	* 2.3613	* 2.4091	* 2.6854	* 490 EFPD	118 % POWER		

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.9521	* 1.8508	* 1.6266	* 1.9303	* 1.4767	* 1.8147	* 1.4085	* 2.6986
	* 2.0399	* 1.8858	* 1.6509	* 1.9405	* 1.5195	* 1.8670	* 1.4804	* 2.6715
	* 2.0176	* 1.7896	* 1.5141	* 1.8589	* 1.5025	* 1.9060	* 1.5072	* 2.6230
	* 1.9623	* 1.7297	* 1.4686	* 1.7932	* 1.4874	* 1.8991	* 1.5225	* 2.5809
	* 1.9440	* 1.7159	* 1.4833	* 1.7721	* 1.5170	* 1.9166	* 1.5690	* 2.5626
	* 1.9435	* 1.7313	* 1.5249	* 1.7763	* 1.5563	* 1.9106	* 1.5996	* 2.4420
*****								
9	* 1.8508	* 1.4505	* 1.8467	* 1.4510	* 1.8390	* 1.6251	* 1.3457	* 2.6338
	* 1.8858	* 1.5415	* 1.9175	* 1.5355	* 1.8860	* 1.6653	* 1.4029	* 2.6246
	* 1.7896	* 1.5334	* 1.8603	* 1.5412	* 1.8454	* 1.7049	* 1.4609	* 2.6137
	* 1.7297	* 1.5072	* 1.7983	* 1.5152	* 1.7881	* 1.6919	* 1.4866	* 2.5829
	* 1.7159	* 1.5180	* 1.7800	* 1.5094	* 1.7687	* 1.7050	* 1.5421	* 2.5687
	* 1.7313	* 1.5526	* 1.7871	* 1.5297	* 1.7741	* 1.7094	* 1.5859	* 2.4584
*****								
10	* 1.6266	* 1.8447	* 1.5535	* 1.6104	* 1.3919	* 1.6486	* 1.3384	* 2.7003
	* 1.6509	* 1.9154	* 1.6372	* 1.6457	* 1.4369	* 1.6742	* 1.3869	* 2.6892
	* 1.5141	* 1.8593	* 1.6428	* 1.5956	* 1.4614	* 1.6604	* 1.4313	* 2.6651
	* 1.4686	* 1.7973	* 1.6094	* 1.5473	* 1.4481	* 1.6360	* 1.4484	* 2.6315
	* 1.4833	* 1.7789	* 1.6066	* 1.5378	* 1.4603	* 1.6499	* 1.5072	* 2.6142
	* 1.5249	* 1.7861	* 1.6247	* 1.5581	* 1.4850	* 1.6755	* 1.5627	* 2.5027
*****								
11	* 1.9303	* 1.4507	* 1.6106	* 1.3656	* 1.4948	* 1.3881	* 1.3292	* 3.0795
	* 1.9405	* 1.5364	* 1.6471	* 1.4310	* 1.5315	* 1.4101	* 1.3689	* 3.0573
	* 1.8589	* 1.5419	* 1.5965	* 1.4705	* 1.5164	* 1.3837	* 1.3995	* 3.0143
	* 1.7932	* 1.5151	* 1.5477	* 1.4243	* 1.4818	* 1.3847	* 1.4103	* 2.9563
	* 1.7721	* 1.5093	* 1.5379	* 1.4320	* 1.4877	* 1.4265	* 1.4696	* 2.9083
	* 1.7763	* 1.5296	* 1.5580	* 1.4853	* 1.5296	* 1.4957	* 1.5588	* 2.7757
*****								
12	* 1.4767	* 1.8405	* 1.3957	* 1.4985	* 1.5538	* 1.3224	* 2.1809	*
	* 1.5195	* 1.8872	* 1.4410	* 1.5352	* 1.6013	* 1.3889	* 2.1670	*
	* 1.5025	* 1.8462	* 1.4646	* 1.5189	* 1.6039	* 1.4261	* 2.1145	*
	* 1.4874	* 1.7886	* 1.4491	* 1.4838	* 1.5727	* 1.4352	* 2.0622	*
	* 1.5170	* 1.7689	* 1.4610	* 1.4893	* 1.5725	* 1.4913	* 2.0412	*
	* 1.5563	* 1.7740	* 1.4853	* 1.5307	* 1.5905	* 1.5371	* 1.9957	*
*****								
13	* 1.8147	* 1.6272	* 1.6512	* 1.3939	* 1.3351	* 2.3517	* 3.3324	*
	* 1.8670	* 1.6673	* 1.6784	* 1.4157	* 1.4011	* 2.4175	* 3.3798	*
	* 1.9060	* 1.7069	* 1.6637	* 1.3875	* 1.4350	* 2.3199	* 3.2729	*
	* 1.8991	* 1.6935	* 1.6384	* 1.3878	* 1.4419	* 2.2163	* 3.1077	*
	* 1.9166	* 1.7061	* 1.6514	* 1.4285	* 1.4963	* 2.1521	* 2.9563	*
	* 1.9106	* 1.7100	* 1.6762	* 1.4970	* 1.5425	* 2.1036	* 2.7566	*
*****								
14	* 1.4085	* 1.3466	* 1.3407	* 1.3340	* 2.1936	* 3.5466	*	*
	* 1.4804	* 1.4039	* 1.3892	* 1.3737	* 2.1793	* 3.5804	*	*
	* 1.5072	* 1.4617	* 1.4334	* 1.4028	* 2.1242	* 3.4417	*	*
	* 1.5225	* 1.4871	* 1.4499	* 1.4127	* 2.0702	* 3.2502	*	*
	* 1.5690	* 1.5421	* 1.5079	* 1.4708	* 2.0476	* 3.0705	*	*
	* 1.5996	* 1.5854	* 1.5627	* 1.5592	* 2.0005	* 2.8315	*	*
*****								
15	* 2.6986	* 2.6309	* 2.7024	* 3.0867	* 4 EFPD	118 % POWER		
	* 2.6715	* 2.6219	* 2.6913	* 3.0643	* 50 EFPD	118 % POWER		
	* 2.6230	* 2.6096	* 2.6644	* 3.0180	* 175 EFPD	118 % POWER		
	* 2.5809	* 2.5780	* 2.6302	* 2.9562	* 250 EFPD	118 % POWER		
	* 2.5626	* 2.5636	* 2.6125	* 2.9055	* 350 EFPD	118 % POWER		
	* 2.4420	* 2.4518	* 2.5005	* 2.7713	* 490 EFPD	118 % POWER		
*****								



Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.0618	* 1.9493	* 1.7053	* 2.0250	* 1.5383	* 1.8957	* 1.4609	* 2.8201
	* 2.1441	* 1.9712	* 1.7185	* 2.0233	* 1.5732	* 1.9353	* 1.5256	* 2.7726
	* 2.1227	* 1.8711	* 1.5727	* 1.9416	* 1.5594	* 1.9917	* 1.5574	* 2.7340
	* 2.0777	* 1.8201	* 1.5348	* 1.8849	* 1.5547	* 1.9991	* 1.5865	* 2.7105
	* 2.0550	* 1.8044	* 1.5513	* 1.8623	* 1.5871	* 2.0170	* 1.6362	* 2.6902
	* 2.0300	* 1.8039	* 1.5853	* 1.8551	* 1.6193	* 1.9969	* 1.6574	* 2.5447
9	* 1.9493	* 1.5182	* 1.9388	* 1.5169	* 1.9239	* 1.6908	* 1.3928	* 2.7544
	* 1.9712	* 1.6054	* 2.0025	* 1.5926	* 1.9629	* 1.7232	* 1.4420	* 2.7252
	* 1.8711	* 1.5949	* 1.9452	* 1.5998	* 1.9258	* 1.7783	* 1.5094	* 2.7272
	* 1.8201	* 1.5770	* 1.8927	* 1.5804	* 1.8776	* 1.7777	* 1.5488	* 2.7155
	* 1.8044	* 1.5875	* 1.8714	* 1.5742	* 1.8564	* 1.7906	* 1.6077	* 2.6991
	* 1.8039	* 1.6102	* 1.8659	* 1.5862	* 1.8494	* 1.7815	* 1.6416	* 2.5634
10	* 1.7053	* 1.9365	* 1.6253	* 1.6855	* 1.4468	* 1.7141	* 1.3843	* 2.8259
	* 1.7185	* 1.9997	* 1.7058	* 1.7107	* 1.4838	* 1.7302	* 1.4240	* 2.7939
	* 1.5727	* 1.9440	* 1.7161	* 1.6624	* 1.5134	* 1.7283	* 1.4777	* 2.7832
	* 1.5348	* 1.8916	* 1.6923	* 1.6215	* 1.5110	* 1.7162	* 1.5084	* 2.7690
	* 1.5513	* 1.8700	* 1.6883	* 1.6110	* 1.5200	* 1.7298	* 1.5692	* 2.7490
	* 1.5853	* 1.8646	* 1.6947	* 1.6213	* 1.5331	* 1.7393	* 1.6125	* 2.6101
11	* 2.0250	* 1.5165	* 1.6858	* 1.4216	* 1.5563	* 1.4413	* 1.3745	* 3.2208
	* 2.0233	* 1.5937	* 1.7122	* 1.4815	* 1.5866	* 1.4518	* 1.4051	* 3.1744
	* 1.9416	* 1.6005	* 1.6635	* 1.5214	* 1.5773	* 1.4297	* 1.4457	* 3.1459
	* 1.8849	* 1.5802	* 1.6219	* 1.4829	* 1.5527	* 1.4429	* 1.4680	* 3.1092
	* 1.8623	* 1.5740	* 1.6111	* 1.4911	* 1.5575	* 1.4870	* 1.5296	* 3.0543
	* 1.8551	* 1.5860	* 1.6212	* 1.5329	* 1.5807	* 1.5393	* 1.6053	* 2.8846
12	* 1.5383	* 1.9255	* 1.4510	* 1.5605	* 1.6224	* 1.3749	* 2.2807	*
	* 1.5732	* 1.9643	* 1.4882	* 1.5907	* 1.6640	* 1.4351	* 2.2496	*
	* 1.5594	* 1.9266	* 1.5168	* 1.5801	* 1.6744	* 1.4802	* 2.2032	*
	* 1.5547	* 1.8781	* 1.5121	* 1.5549	* 1.6533	* 1.5006	* 2.1644	*
	* 1.5871	* 1.8565	* 1.5207	* 1.5592	* 1.6479	* 1.5568	* 2.1378	*
	* 1.6193	* 1.8492	* 1.5334	* 1.5819	* 1.6472	* 1.5819	* 2.0589	*
13	* 1.8957	* 1.6932	* 1.7170	* 1.4476	* 1.3886	* 2.4585	* 3.5092	*
	* 1.9353	* 1.7253	* 1.7350	* 1.4578	* 1.4481	* 2.5100	* 3.5359	*
	* 1.9917	* 1.7805	* 1.7318	* 1.4337	* 1.4895	* 2.4175	* 3.4352	*
	* 1.9991	* 1.7794	* 1.7187	* 1.4462	* 1.5079	* 2.3258	* 3.2834	*
	* 2.0170	* 1.7917	* 1.7313	* 1.4891	* 1.5622	* 2.2509	* 3.1115	*
	* 1.9969	* 1.7821	* 1.7401	* 1.5429	* 1.5874	* 2.1767	* 2.8799	*
14	* 1.4609	* 1.3939	* 1.3868	* 1.3797	* 2.2944	* 3.7403	*	*
	* 1.5256	* 1.4431	* 1.4267	* 1.4103	* 2.2628	* 3.7508	*	*
	* 1.5574	* 1.5102	* 1.4799	* 1.4492	* 2.2134	* 3.6172	*	*
	* 1.5865	* 1.5493	* 1.5098	* 1.4704	* 2.1728	* 3.4386	*	*
	* 1.6362	* 1.6076	* 1.5699	* 1.5309	* 2.1445	* 3.2362	*	*
	* 1.6574	* 1.6411	* 1.6126	* 1.6056	* 2.0640	* 2.9632	*	*
15	* 2.8201	* 2.7515	* 2.8282	* 3.2286	* 4 EFPD	118 % POWER		
	* 2.7726	* 2.7226	* 2.7962	* 3.1820	* 50 EFPD	118 % POWER		
	* 2.7341	* 2.7231	* 2.7824	* 3.1496	* 175 EFPD	118 % POWER		
	* 2.7105	* 2.7101	* 2.7674	* 3.1089	* 250 EFPD	118 % POWER		
	* 2.6902	* 2.6934	* 2.7471	* 3.0510	* 350 EFPD	118 % POWER		
	* 2.5447	* 2.5563	* 2.6077	* 2.8799	* 490 EFPD	118 % POWER		

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.1930	* 2.0619	* 1.7922	* 2.1288	* 1.6056	* 1.9856	* 1.5206	* 2.9590
	* 2.2717	* 2.0727	* 1.7983	* 2.1196	* 1.6375	* 2.0172	* 1.5820	* 2.8965
	* 2.2537	* 1.9723	* 1.6457	* 2.0421	* 1.6308	* 2.0919	* 1.6226	* 2.8744
	* 2.2299	* 1.9376	* 1.6206	* 2.0036	* 1.6410	* 2.1257	* 1.6686	* 2.8832
	* 2.2022	* 1.9191	* 1.6383	* 1.9782	* 1.6752	* 2.1424	* 1.7196	* 2.8566
	* 2.1560	* 1.9042	* 1.6641	* 1.9576	* 1.6985	* 2.1052	* 1.7289	* 2.6863
*****								
9	* 2.0619	* 1.5947	* 2.0440	* 1.5920	* 2.0193	* 1.7707	* 1.4508	* 2.8943
	* 2.0727	* 1.6803	* 2.1030	* 1.6626	* 2.0540	* 1.7978	* 1.4946	* 2.8527
	* 1.9723	* 1.6719	* 2.0494	* 1.6749	* 2.0275	* 1.8694	* 1.5735	* 2.8728
	* 1.9376	* 1.6671	* 2.0133	* 1.6655	* 1.9942	* 1.8858	* 1.6289	* 2.8901
	* 1.9191	* 1.6774	* 1.9887	* 1.6578	* 1.9694	* 1.8972	* 1.6901	* 2.8672
	* 1.9042	* 1.6888	* 1.9693	* 1.6597	* 1.9483	* 1.8726	* 1.7120	* 2.7001
*****								
10	* 1.7922	* 2.0414	* 1.7090	* 1.7751	* 1.5150	* 1.7950	* 1.4426	* 2.9775
	* 1.7983	* 2.0999	* 1.7882	* 1.7936	* 1.5465	* 1.8070	* 1.4766	* 2.9319
	* 1.6457	* 2.0480	* 1.8060	* 1.7477	* 1.5848	* 1.8183	* 1.5420	* 2.9399
	* 1.6206	* 2.0115	* 1.7969	* 1.7180	* 1.5951	* 1.8207	* 1.5872	* 2.9526
	* 1.6383	* 1.9870	* 1.7911	* 1.7055	* 1.5986	* 1.8331	* 1.6493	* 2.9293
	* 1.6641	* 1.9678	* 1.7848	* 1.7043	* 1.6004	* 1.8265	* 1.6796	* 2.7599
*****								
11	* 2.1288	* 1.5915	* 1.7755	* 1.4934	* 1.6374	* 1.5099	* 1.4343	* 3.4017
	* 2.1196	* 1.6636	* 1.7951	* 1.5502	* 1.6632	* 1.5115	* 1.4587	* 3.3363
	* 2.0421	* 1.6756	* 1.7484	* 1.5922	* 1.6615	* 1.4951	* 1.5112	* 3.3258
	* 2.0036	* 1.6653	* 1.7184	* 1.5619	* 1.6478	* 1.5211	* 1.5449	* 3.3169
	* 1.9782	* 1.6575	* 1.7055	* 1.5703	* 1.6513	* 1.5672	* 1.6084	* 3.2507
	* 1.9576	* 1.6595	* 1.7041	* 1.6009	* 1.6593	* 1.6060	* 1.6714	* 3.0375
*****								
12	* 1.6056	* 2.0209	* 1.5194	* 1.6420	* 1.7159	* 1.4449	* 2.4204	*
	* 1.6375	* 2.0553	* 1.5512	* 1.6676	* 1.7536	* 1.5012	* 2.3751	*
	* 1.6308	* 2.0282	* 1.5883	* 1.6644	* 1.7739	* 1.5570	* 2.3356	*
	* 1.6410	* 1.9946	* 1.5962	* 1.6502	* 1.7624	* 1.5899	* 2.3095	*
	* 1.6752	* 1.9695	* 1.5994	* 1.6531	* 1.7532	* 1.6472	* 2.2778	*
	* 1.6985	* 1.9480	* 1.6007	* 1.6606	* 1.7312	* 1.6470	* 2.1638	*
*****								
13	* 1.9856	* 1.7732	* 1.7981	* 1.5167	* 1.4594	* 2.5936	* 3.7362	*
	* 2.0172	* 1.8000	* 1.8101	* 1.5179	* 1.5150	* 2.6345	* 3.7466	*
	* 2.0919	* 1.8709	* 1.8218	* 1.4994	* 1.5668	* 2.5496	* 3.6554	*
	* 2.1257	* 1.8875	* 1.8233	* 1.5245	* 1.5976	* 2.4728	* 3.5228	*
	* 2.1424	* 1.8984	* 1.8346	* 1.5693	* 1.6528	* 2.3861	* 3.3268	*
	* 2.1052	* 1.8733	* 1.8272	* 1.6096	* 1.6528	* 2.2760	* 3.0349	*
*****								
14	* 1.5206	* 1.4519	* 1.4452	* 1.4398	* 2.4350	* 3.9894	*	*
	* 1.5820	* 1.4957	* 1.4791	* 1.4641	* 2.3891	* 3.9834	*	*
	* 1.6226	* 1.5742	* 1.5443	* 1.5148	* 2.3464	* 3.8602	*	*
	* 1.6686	* 1.6293	* 1.5886	* 1.5474	* 2.3186	* 3.7031	*	*
	* 1.7196	* 1.6898	* 1.6499	* 1.6097	* 2.2848	* 3.4758	*	*
	* 1.7289	* 1.7115	* 1.6796	* 1.6717	* 2.1690	* 3.1405	*	*
*****								
15	* 2.9590	* 2.8908	* 2.9796	* 3.4101	* 4 EFPD	118 % POWER		
	* 2.8965	* 2.8489	* 2.9340	* 3.3444	* 50 EFPD	118 % POWER		
	* 2.8744	* 2.8670	* 2.9386	* 3.3292	* 175 EFPD	118 % POWER		
	* 2.8832	* 2.8841	* 2.9507	* 3.3163	* 250 EFPD	118 % POWER		
	* 2.8566	* 2.8610	* 2.9270	* 3.2468	* 350 EFPD	118 % POWER		
	* 2.6863	* 2.6935	* 2.7572	* 3.0324	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.3467	* 2.2086	* 1.9225	* 2.2746	* 1.7184	* 2.1183	* 1.6223	* 3.1012
	* 2.4195	* 2.2125	* 1.9218	* 2.2564	* 1.7450	* 2.1407	* 1.6811	* 3.0239
	* 2.4193	* 2.1090	* 1.7624	* 2.1830	* 1.7453	* 2.2287	* 1.7307	* 3.0145
	* 2.4082	* 2.0858	* 1.7500	* 2.1542	* 1.7706	* 2.2829	* 1.7969	* 3.0397
	* 2.3862	* 2.0710	* 1.7719	* 2.1302	* 1.8093	* 2.3028	* 1.8501	* 3.0044
	* 2.3351	* 2.0514	* 1.7956	* 2.1045	* 1.8300	* 2.2537	* 1.8526	* 2.8093
*****								
9	* 2.2086	* 1.7109	* 2.1862	* 1.7058	* 2.1556	* 1.8859	* 1.5437	* 3.0459
	* 2.2125	* 1.7972	* 2.2416	* 1.7737	* 2.1845	* 1.9080	* 1.5853	* 2.9890
	* 2.1090	* 1.7917	* 2.1922	* 1.7904	* 2.1648	* 1.9955	* 1.6799	* 3.0244
	* 2.0858	* 1.8019	* 2.1662	* 1.7962	* 2.1456	* 2.0320	* 1.7570	* 3.0637
	* 2.0710	* 1.8136	* 2.1430	* 1.7891	* 2.1210	* 2.0451	* 1.8209	* 3.0303
	* 2.0514	* 1.8235	* 2.1182	* 1.7868	* 2.0909	* 2.0119	* 1.8339	* 2.8407
*****								
10	* 1.9225	* 2.1833	* 1.8256	* 1.8977	* 1.6224	* 1.9109	* 1.5368	* 3.1252
	* 1.9218	* 2.2381	* 1.9055	* 1.9132	* 1.6501	* 1.9180	* 1.5680	* 3.0563
	* 1.7624	* 2.1907	* 1.9317	* 1.8682	* 1.6984	* 1.9451	* 1.6497	* 3.0828
	* 1.7500	* 2.1643	* 1.9375	* 1.8534	* 1.7264	* 1.9697	* 1.7180	* 3.1187
	* 1.7719	* 2.1412	* 1.9345	* 1.8404	* 1.7282	* 1.9815	* 1.7821	* 3.0860
	* 1.7956	* 2.1165	* 1.9239	* 1.8316	* 1.7207	* 1.9599	* 1.7998	* 2.8897
*****								
11	* 2.2746	* 1.7052	* 1.8977	* 1.6033	* 1.7548	* 1.6195	* 1.5315	* 3.5610
	* 2.2564	* 1.7748	* 1.9148	* 1.6593	* 1.7769	* 1.6129	* 1.5521	* 3.4805
	* 2.1830	* 1.7911	* 1.8689	* 1.7065	* 1.7832	* 1.6045	* 1.6183	* 3.4885
	* 2.1543	* 1.7958	* 1.8536	* 1.6925	* 1.7888	* 1.6527	* 1.6752	* 3.5108
	* 2.1302	* 1.7887	* 1.8403	* 1.7008	* 1.7905	* 1.7001	* 1.7406	* 3.4376
	* 2.1045	* 1.7865	* 1.8314	* 1.7202	* 1.7826	* 1.7254	* 1.7906	* 3.1917
*****								
12	* 1.7184	* 2.1573	* 1.6271	* 1.7598	* 1.8443	* 1.5523	* 2.5309	*
	* 1.7450	* 2.1859	* 1.6551	* 1.7817	* 1.8786	* 1.6066	* 2.4753	*
	* 1.7453	* 2.1655	* 1.7021	* 1.7864	* 1.9093	* 1.6725	* 2.4509	*
	* 1.7706	* 2.1459	* 1.7275	* 1.7913	* 1.9182	* 1.7284	* 2.4460	*
	* 1.8093	* 2.1209	* 1.7288	* 1.7920	* 1.9044	* 1.7858	* 2.4094	*
	* 1.8300	* 2.0905	* 1.7210	* 1.7837	* 1.8585	* 1.7699	* 2.2745	*
*****								
13	* 2.1183	* 1.8884	* 1.9142	* 1.6268	* 1.5681	* 2.7983	* 3.9435	*
	* 2.1407	* 1.9103	* 1.9212	* 1.6197	* 1.6217	* 2.8317	* 3.9404	*
	* 2.2287	* 1.9964	* 1.9490	* 1.6090	* 1.6836	* 2.7517	* 3.8621	*
	* 2.2829	* 2.0338	* 1.9723	* 1.6562	* 1.7375	* 2.6964	* 3.7575	*
	* 2.3028	* 2.0462	* 1.9829	* 1.7024	* 1.7925	* 2.5981	* 3.5460	*
	* 2.2537	* 2.0125	* 1.9606	* 1.7292	* 1.7763	* 2.4509	* 3.2016	*
*****								
14	* 1.6223	* 1.5448	* 1.5395	* 1.5374	* 2.5462	* 4.2075	*	*
	* 1.6811	* 1.5864	* 1.5706	* 1.5578	* 2.4898	* 4.1836	*	*
	* 1.7307	* 1.6805	* 1.6520	* 1.6220	* 2.4621	* 4.0521	*	*
	* 1.7969	* 1.7573	* 1.7194	* 1.6777	* 2.4556	* 3.9271	*	*
	* 1.8501	* 1.8205	* 1.7826	* 1.7418	* 2.4166	* 3.6765	*	*
	* 1.8526	* 1.8332	* 1.7997	* 1.7909	* 2.2800	* 3.2732	*	*
*****								
15	* 3.1012	* 3.0425	* 3.1252	* 3.5700	* 4 EFPD	118 % POWER		
	* 3.0239	* 2.9858	* 3.0564	* 3.4891	* 50 EFPD	118 % POWER		
	* 3.0145	* 3.0196	* 3.0813	* 3.4920	* 175 EFPD	118 % POWER		
	* 3.0397	* 3.0533	* 3.1163	* 3.5104	* 250 EFPD	118 % POWER		
	* 3.0044	* 3.0208	* 3.0833	* 3.4340	* 350 EFPD	118 % POWER		
	* 2.8093	* 2.8317	* 2.8868	* 3.1866	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.4452	* 2.2935	* 1.9819	* 2.3727	* 1.7829	* 2.2103	* 1.6779	* 3.2824
	* 2.5151	* 2.2924	* 1.9799	* 2.3540	* 1.8097	* 2.2285	* 1.7349	* 3.1910
	* 2.5296	* 2.2162	* 1.8399	* 2.2974	* 1.8199	* 2.3399	* 1.7958	* 3.1994
	* 2.5382	* 2.2108	* 1.8358	* 2.2793	* 1.8554	* 2.4131	* 1.8730	* 3.2391
	* 2.5367	* 2.2069	* 1.8704	* 2.2669	* 1.9060	* 2.4437	* 1.9363	* 3.2165
	* 2.5119	* 2.2061	* 1.9135	* 2.2586	* 1.9442	* 2.4002	* 1.9518	* 3.0301
*****								
9	* 2.2935	* 1.7730	* 2.2839	* 1.7773	* 2.2567	* 1.9677	* 1.5997	* 3.2193
	* 2.2924	* 1.8562	* 2.3372	* 1.8439	* 2.2847	* 1.9877	* 1.6383	* 3.1520
	* 2.2162	* 1.8745	* 2.3034	* 1.8745	* 2.2826	* 2.0946	* 1.7470	* 3.2078
	* 2.2108	* 1.8923	* 2.2937	* 1.8831	* 2.2737	* 2.1462	* 1.8364	* 3.2613
	* 2.2069	* 1.9174	* 2.2827	* 1.8856	* 2.2585	* 2.1690	* 1.9112	* 3.2427
	* 2.2061	* 1.9439	* 2.2754	* 1.8981	* 2.2453	* 2.1489	* 1.9383	* 3.0599
*****								
10	* 1.9819	* 2.2808	* 1.9123	* 1.9890	* 1.6949	* 1.9975	* 1.5964	* 3.3188
	* 1.9799	* 2.3340	* 1.9919	* 2.0061	* 1.7200	* 2.0016	* 1.6241	* 3.2460
	* 1.8399	* 2.3017	* 2.0318	* 1.9666	* 1.7826	* 2.0550	* 1.7224	* 3.2894
	* 1.8358	* 2.2913	* 2.0472	* 1.9593	* 1.8139	* 2.0908	* 1.8029	* 3.3441
	* 1.8704	* 2.2805	* 2.0548	* 1.9560	* 1.8271	* 2.1132	* 1.8784	* 3.3211
	* 1.9135	* 2.2735	* 2.0609	* 1.9609	* 1.8260	* 2.0989	* 1.9025	* 3.1327
*****								
11	* 2.3727	* 1.7766	* 1.9890	* 1.6786	* 1.8421	* 1.6920	* 1.5966	* 3.7973
	* 2.3540	* 1.8449	* 2.0069	* 1.7337	* 1.8625	* 1.6802	* 1.6127	* 3.7023
	* 2.2974	* 1.8751	* 1.9670	* 1.7897	* 1.8818	* 1.6800	* 1.6934	* 3.7356
	* 2.2793	* 1.8826	* 1.9594	* 1.7807	* 1.8964	* 1.7392	* 1.7589	* 3.7749
	* 2.2669	* 1.8851	* 1.9558	* 1.7995	* 1.9079	* 1.7990	* 1.8359	* 3.7069
	* 2.2586	* 1.8978	* 1.9606	* 1.8295	* 1.9085	* 1.8323	* 1.8944	* 3.4572
*****								
12	* 1.7829	* 2.2583	* 1.6997	* 1.8475	* 1.9404	* 1.6233	* 2.7248	*
	* 1.8097	* 2.2860	* 1.7251	* 1.8679	* 1.9740	* 1.6767	* 2.6555	*
	* 1.8199	* 2.2831	* 1.7864	* 1.8852	* 2.0207	* 1.7589	* 2.6398	*
	* 1.8554	* 2.2739	* 1.8153	* 1.8992	* 2.0368	* 1.8259	* 2.6509	*
	* 1.9060	* 2.2583	* 1.8277	* 1.9100	* 2.0308	* 1.8961	* 2.6172	*
	* 1.9442	* 2.2448	* 1.8262	* 1.9100	* 1.9893	* 1.8735	* 2.4655	*
*****								
13	* 2.2103	* 1.9701	* 2.0007	* 1.6999	* 1.6400	* 2.9403	* 4.2013	*
	* 2.2285	* 1.9900	* 2.0047	* 1.6875	* 1.6926	* 2.9662	* 4.2046	*
	* 2.3399	* 2.0954	* 2.0587	* 1.6847	* 1.7702	* 2.8993	* 4.1638	*
	* 2.4131	* 2.1478	* 2.0933	* 1.7428	* 1.8348	* 2.8532	* 4.0688	*
	* 2.4437	* 2.1701	* 2.1144	* 1.8012	* 1.9027	* 2.7586	* 3.8488	*
	* 2.4002	* 2.1495	* 2.0995	* 1.8365	* 1.8802	* 2.6116	* 3.4833	*
*****								
14	* 1.6779	* 1.6007	* 1.5990	* 1.6028	* 2.7415	* 4.4911	*	*
	* 1.7349	* 1.6393	* 1.6266	* 1.6187	* 2.6713	* 4.4727	*	*
	* 1.7958	* 1.7475	* 1.7245	* 1.6972	* 2.6518	* 4.3979	*	*
	* 1.8730	* 1.8365	* 1.8039	* 1.7614	* 2.6608	* 4.2776	*	*
	* 1.9363	* 1.9106	* 1.8786	* 1.8369	* 2.6248	* 4.0217	*	*
	* 1.9518	* 1.9375	* 1.9022	* 1.8945	* 2.4712	* 3.6022	*	*
*****								
15	* 3.2824	* 3.2151	* 3.3207	* 3.8061	* 4 EFPD	118 % POWER		
	* 3.1910	* 3.1467	* 3.2477	* 3.7107	* 50 EFPD	118 % POWER		
	* 3.1994	* 3.2007	* 3.2873	* 3.7384	* 175 EFPD	118 % POWER		
	* 3.2391	* 3.2537	* 3.3411	* 3.7731	* 250 EFPD	118 % POWER		
	* 3.2165	* 3.2353	* 3.3177	* 3.7016	* 350 EFPD	118 % POWER		
	* 3.0301	* 3.0471	* 3.1292	* 3.4509	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.5440	* 2.3930	* 2.0643	* 2.4750	* 1.8583	* 2.3115	* 1.7676	* 3.4478
	* 2.5913	* 2.3675	* 2.0458	* 2.4320	* 1.8726	* 2.3258	* 1.8144	* 3.3607
	* 2.6582	* 2.3246	* 1.9301	* 2.4116	* 1.9205	* 2.4842	* 1.8968	* 3.3871
	* 2.6794	* 2.3298	* 1.9413	* 2.4087	* 1.9693	* 2.5616	* 1.9859	* 3.4405
	* 2.6940	* 2.3470	* 1.9949	* 2.4168	* 2.0366	* 2.6065	* 2.0609	* 3.4265
	* 2.6852	* 2.3657	* 2.0555	* 2.4268	* 2.0892	* 2.5732	* 2.0825	* 3.2317
*****								
9	* 2.3930	* 1.8482	* 2.3818	* 1.8502	* 2.3556	* 2.0793	* 1.6842	* 3.3937
	* 2.3675	* 1.9181	* 2.4171	* 1.9119	* 2.3661	* 2.0904	* 1.7204	* 3.3237
	* 2.3246	* 1.9650	* 2.4187	* 1.9777	* 2.4148	* 2.2246	* 1.8466	* 3.4005
	* 2.3298	* 1.9986	* 2.4227	* 1.9998	* 2.4192	* 2.2908	* 1.9489	* 3.4690
	* 2.3470	* 2.0420	* 2.4318	* 2.0174	* 2.4186	* 2.3243	* 2.0367	* 3.4598
	* 2.3657	* 2.0857	* 2.4440	* 2.0401	* 2.4173	* 2.3116	* 2.0720	* 3.2689
*****								
10	* 2.0643	* 2.3783	* 1.9917	* 2.0807	* 1.7871	* 2.1106	* 1.6807	* 3.5061
	* 2.0458	* 2.4137	* 2.0574	* 2.0874	* 1.8068	* 2.1097	* 1.7055	* 3.4263
	* 1.9301	* 2.4169	* 2.1355	* 2.0850	* 1.8866	* 2.1829	* 1.8195	* 3.4907
	* 1.9413	* 2.4200	* 2.1655	* 2.0888	* 1.9270	* 2.2298	* 1.9115	* 3.5603
	* 1.9949	* 2.4294	* 2.1904	* 2.0977	* 1.9501	* 2.2640	* 1.9999	* 3.5464
	* 2.0555	* 2.4419	* 2.2126	* 2.1145	* 1.9676	* 2.2655	* 2.0410	* 3.3489
*****								
11	* 2.4750	* 1.8495	* 2.0807	* 1.7725	* 1.9463	* 1.7840	* 1.6778	* 4.0068
	* 2.4320	* 1.9129	* 2.0883	* 1.8243	* 1.9641	* 1.7671	* 1.6916	* 3.9067
	* 2.4116	* 1.9783	* 2.0854	* 1.8956	* 1.9984	* 1.7789	* 1.7900	* 3.9630
	* 2.4087	* 1.9993	* 2.0889	* 1.8934	* 2.0231	* 1.8502	* 1.8668	* 4.0184
	* 2.4168	* 2.0169	* 2.0975	* 1.9246	* 2.0468	* 1.9246	* 1.9579	* 3.9578
	* 2.4268	* 2.0397	* 2.1141	* 1.9741	* 2.0663	* 1.9795	* 2.0367	* 3.7025
*****								
12	* 1.8583	* 2.3570	* 1.7923	* 1.9521	* 2.0546	* 1.7138	* 2.8765	*
	* 1.8726	* 2.3674	* 1.8124	* 1.9687	* 2.0868	* 1.7667	* 2.7976	*
	* 1.9205	* 2.4152	* 1.8906	* 2.0020	* 2.1509	* 1.8661	* 2.7991	*
	* 1.9693	* 2.4194	* 1.9284	* 2.0260	* 2.1769	* 1.9458	* 2.8230	*
	* 2.0366	* 2.4183	* 1.9505	* 2.0490	* 2.1812	* 2.0308	* 2.7982	*
	* 2.0892	* 2.4167	* 1.9678	* 2.0675	* 2.1549	* 2.0227	* 2.6572	*
*****								
13	* 2.3115	* 2.0817	* 2.1140	* 1.7924	* 1.7316	* 3.0739	* 4.3917	*
	* 2.3258	* 2.0928	* 2.1131	* 1.7746	* 1.7835	* 3.1119	* 4.3869	*
	* 2.4842	* 2.2258	* 2.1868	* 1.7837	* 1.8781	* 3.0713	* 4.3694	*
	* 2.5616	* 2.2924	* 2.2325	* 1.8539	* 1.9552	* 3.0385	* 4.2897	*
	* 2.6065	* 2.3253	* 2.2652	* 1.9267	* 2.0378	* 2.9565	* 4.0874	*
	* 2.5732	* 2.3121	* 2.2659	* 1.9841	* 2.0298	* 2.8238	* 3.7434	*
*****								
14	* 1.7676	* 1.6852	* 1.6835	* 1.6842	* 2.8929	* 4.6986	*	*
	* 1.8144	* 1.7214	* 1.7083	* 1.6978	* 2.8140	* 4.6707	*	*
	* 1.8968	* 1.8470	* 1.8217	* 1.7939	* 2.8115	* 4.6173	*	*
	* 1.9859	* 1.9488	* 1.9125	* 1.8691	* 2.8332	* 4.5087	*	*
	* 2.0609	* 2.0359	* 2.0000	* 1.9587	* 2.8060	* 4.2672	*	*
	* 2.0825	* 2.0710	* 2.0405	* 2.0365	* 2.6629	* 3.8669	*	*
*****								
15	* 3.4478	* 3.3884	* 3.5075	* 4.0157	* 4 EFPD	118 % POWER		
	* 3.3607	* 3.3178	* 3.4271	* 3.9160	* 50 EFPD	118 % POWER		
	* 3.3871	* 3.3926	* 3.4882	* 3.9659	* 175 EFPD	118 % POWER		
	* 3.4405	* 3.4602	* 3.5567	* 4.0163	* 250 EFPD	118 % POWER		
	* 3.4265	* 3.4456	* 3.5424	* 3.9519	* 350 EFPD	118 % POWER		
	* 3.2317	* 3.2531	* 3.3448	* 3.6952	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.5080	* 2.3457	* 2.0281	* 2.4248	* 1.8394	* 2.2820	* 1.7455	* 3.3970
	* 2.5564	* 2.3223	* 2.0078	* 2.3841	* 1.8520	* 2.2899	* 1.7888	* 3.2733
	* 2.5989	* 2.2739	* 1.9051	* 2.3658	* 1.9047	* 2.4742	* 1.9264	* 3.3999
	* 2.6436	* 2.3029	* 1.9301	* 2.3837	* 1.9707	* 2.5757	* 2.0468	* 3.5015
	* 2.7003	* 2.3474	* 2.0087	* 2.4156	* 2.0639	* 2.6487	* 2.1523	* 3.5206
	* 2.7818	* 2.4446	* 2.1473	* 2.5057	* 2.1918	* 2.7027	* 2.2513	* 3.4065
*****								
9	* 2.3457	* 1.8157	* 2.3345	* 1.8254	* 2.3296	* 2.0556	* 1.6743	* 3.3558
	* 2.3223	* 1.8835	* 2.3680	* 1.8907	* 2.3358	* 2.0611	* 1.7016	* 3.2554
	* 2.2739	* 1.9421	* 2.3651	* 1.9637	* 2.3934	* 2.2288	* 1.8810	* 3.4280
	* 2.3029	* 1.9895	* 2.3930	* 1.9966	* 2.4143	* 2.3143	* 2.0140	* 3.5372
	* 2.3474	* 2.0570	* 2.4301	* 2.0410	* 2.4415	* 2.3754	* 2.1340	* 3.5589
	* 2.4446	* 2.1837	* 2.5231	* 2.1575	* 2.5250	* 2.4399	* 2.2409	* 3.4509
*****								
10	* 2.0281	* 2.3311	* 1.9675	* 2.0591	* 1.7750	* 2.0880	* 1.6767	* 3.4622
	* 2.0078	* 2.3645	* 2.0257	* 2.0649	* 1.7866	* 2.0779	* 1.6923	* 3.3461
	* 1.9051	* 2.3632	* 2.1074	* 2.0667	* 1.9017	* 2.1998	* 1.8620	* 3.5087
	* 1.9301	* 2.3915	* 2.1540	* 2.0893	* 1.9583	* 2.2758	* 1.9880	* 3.6265
	* 2.0087	* 2.4278	* 2.2045	* 2.1276	* 2.0155	* 2.3379	* 2.1121	* 3.6530
	* 2.1473	* 2.5213	* 2.3022	* 2.2290	* 2.1216	* 2.4275	* 2.2160	* 3.5353
*****								
11	* 2.4248	* 1.8247	* 2.0590	* 1.7697	* 1.9452	* 1.7841	* 1.6866	* 3.9702
	* 2.3841	* 1.8916	* 2.0658	* 1.8129	* 1.9487	* 1.7543	* 1.6902	* 3.8370
	* 2.3658	* 1.9642	* 2.0669	* 1.9037	* 2.0203	* 1.8125	* 1.8390	* 3.9958
	* 2.3837	* 1.9959	* 2.0892	* 1.9269	* 2.0702	* 1.9122	* 1.9483	* 4.1098
	* 2.4156	* 2.0404	* 2.1272	* 1.9925	* 2.1242	* 2.0203	* 2.0749	* 4.1018
	* 2.5057	* 2.1570	* 2.2285	* 2.1319	* 2.2334	* 2.1545	* 2.2141	* 3.9199
*****								
12	* 1.8394	* 2.3309	* 1.7803	* 1.9509	* 2.0649	* 1.7257	* 2.8416	*
	* 1.8520	* 2.3370	* 1.7920	* 1.9532	* 2.0828	* 1.7668	* 2.7461	*
	* 1.9047	* 2.3935	* 1.9031	* 2.0238	* 2.1893	* 1.9068	* 2.8196	*
	* 1.9707	* 2.4139	* 1.9593	* 2.0724	* 2.2516	* 2.0151	* 2.8762	*
	* 2.0639	* 2.4408	* 2.0156	* 2.1258	* 2.2943	* 2.1336	* 2.8938	*
	* 2.1918	* 2.5241	* 2.1215	* 2.2344	* 2.3346	* 2.1996	* 2.8311	*
*****								
13	* 2.2820	* 2.0583	* 2.0914	* 1.7893	* 1.7436	* 3.1466	* 4.4411	*
	* 2.2899	* 2.0635	* 2.0813	* 1.7619	* 1.7837	* 3.1583	* 4.4030	*
	* 2.4742	* 2.2310	* 2.2036	* 1.8170	* 1.9188	* 3.1705	* 4.4758	*
	* 2.5757	* 2.3159	* 2.2779	* 1.9156	* 2.0251	* 3.1711	* 4.4489	*
	* 2.6487	* 2.3759	* 2.3388	* 2.0221	* 2.1403	* 3.1183	* 4.2919	*
	* 2.7027	* 2.4403	* 2.4277	* 2.1593	* 2.2071	* 3.0499	* 3.9729	*
*****								
14	* 1.7455	* 1.6754	* 1.6796	* 1.6932	* 2.8594	* 4.7476	*	*
	* 1.7888	* 1.7028	* 1.6952	* 1.6965	* 2.7627	* 4.6836	*	*
	* 1.9264	* 1.8813	* 1.8640	* 1.8427	* 2.8319	* 4.7020	*	*
	* 2.0468	* 2.0138	* 1.9888	* 1.9503	* 2.8866	* 4.6565	*	*
	* 2.1523	* 2.1330	* 2.1119	* 2.0753	* 2.9013	* 4.4557	*	*
	* 2.2513	* 2.2397	* 2.2153	* 2.2136	* 2.8371	* 4.0693	*	*
*****								
15	* 3.3970	* 3.3497	* 3.4615	* 3.9811	* 4 EFPD	118 % POWER		
	* 3.2733	* 3.2485	* 3.3455	* 3.8471	* 50 EFPD	118 % POWER		
	* 3.3999	* 3.4170	* 3.5061	* 3.9986	* 175 EFPD	118 % POWER		
	* 3.5015	* 3.5248	* 3.6227	* 4.1077	* 250 EFPD	118 % POWER		
	* 3.5206	* 3.5473	* 3.6485	* 4.0956	* 350 EFPD	118 % POWER		
	* 3.4065	* 3.4400	* 3.5310	* 3.9124	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.4230	* 2.2593	* 1.9409	* 2.3322	* 1.7548	* 2.1978	* 1.6736	* 3.3127
	* 2.4722	* 2.2382	* 1.9248	* 2.2942	* 1.7698	* 2.2129	* 1.7150	* 3.1963
	* 2.4997	* 2.1809	* 1.8109	* 2.2711	* 1.8209	* 2.3862	* 1.8491	* 3.3339
	* 2.5324	* 2.1998	* 1.8383	* 2.2831	* 1.8850	* 2.4805	* 1.9615	* 3.4258
	* 2.5819	* 2.2506	* 1.9215	* 2.3227	* 1.9793	* 2.5542	* 2.0620	* 3.4525
	* 2.6358	* 2.3181	* 2.0204	* 2.3786	* 2.0630	* 2.5688	* 2.1155	* 3.2893
9	* 2.2593	* 1.7354	* 2.2459	* 1.7445	* 2.2367	* 1.9838	* 1.6057	* 3.2710
	* 2.2382	* 1.8024	* 2.2811	* 1.8074	* 2.2450	* 1.9896	* 1.6300	* 3.1739
	* 2.1809	* 1.8475	* 2.2698	* 1.8745	* 2.3035	* 2.1557	* 1.8039	* 3.3586
	* 2.1998	* 1.8939	* 2.2889	* 1.9113	* 2.3255	* 2.2340	* 1.9294	* 3.4657
	* 2.2506	* 1.9671	* 2.3349	* 1.9550	* 2.3574	* 2.2947	* 2.0438	* 3.4969
	* 2.3181	* 2.0523	* 2.3953	* 2.0269	* 2.3969	* 2.3136	* 2.1144	* 3.3324
10	* 1.9409	* 2.2423	* 1.8867	* 1.9817	* 1.7136	* 2.0174	* 1.6103	* 3.3878
	* 1.9248	* 2.2775	* 1.9456	* 1.9892	* 1.7246	* 2.0079	* 1.6233	* 3.2821
	* 1.8108	* 2.2678	* 2.0179	* 1.9935	* 1.8284	* 2.1288	* 1.7823	* 3.4550
	* 1.8383	* 2.2871	* 2.0611	* 2.0153	* 1.8771	* 2.1982	* 1.9008	* 3.5652
	* 1.9215	* 2.3325	* 2.1158	* 2.0514	* 1.9269	* 2.2582	* 2.0190	* 3.5947
	* 2.0204	* 2.3934	* 2.1792	* 2.1102	* 1.9935	* 2.3020	* 2.1047	* 3.4293
11	* 2.3322	* 1.7437	* 1.9816	* 1.7114	* 1.8847	* 1.7199	* 1.6231	* 3.8820
	* 2.2942	* 1.8082	* 1.9899	* 1.7553	* 1.8921	* 1.6921	* 1.6245	* 3.7528
	* 2.2711	* 1.8726	* 1.9937	* 1.8300	* 1.9503	* 1.7357	* 1.7590	* 3.9312
	* 2.2831	* 1.9107	* 2.0152	* 1.8450	* 1.9936	* 1.8283	* 1.8610	* 4.0344
	* 2.3227	* 1.9544	* 2.0510	* 1.9056	* 2.0457	* 1.9321	* 1.9819	* 4.0239
	* 2.3786	* 2.0265	* 2.1097	* 2.0044	* 2.1155	* 2.0413	* 2.1104	* 3.8101
12	* 1.7548	* 2.2379	* 1.7187	* 1.8905	* 2.0047	* 1.6655	* 2.8069	
	* 1.7698	* 2.2460	* 1.7298	* 1.8968	* 2.0259	* 1.7065	* 2.7128	
	* 1.8209	* 2.3035	* 1.8300	* 1.9537	* 2.1183	* 1.8321	* 2.7742	
	* 1.8850	* 2.3250	* 1.8782	* 1.9964	* 2.1732	* 1.9319	* 2.8294	
	* 1.9793	* 2.3567	* 1.9272	* 2.0472	* 2.2104	* 2.0457	* 2.8426	
	* 2.0630	* 2.3960	* 1.9933	* 2.1164	* 2.2409	* 2.1046	* 2.7534	
13	* 2.1978	* 1.9863	* 2.0206	* 1.7250	* 1.6831	* 3.0124	* 4.3506	
	* 2.2129	* 1.9919	* 2.0111	* 1.6996	* 1.7232	* 3.0252	* 4.3077	
	* 2.3862	* 2.1577	* 2.1324	* 1.7402	* 1.8435	* 3.0262	* 4.3618	
	* 2.4805	* 2.2354	* 2.2004	* 1.8316	* 1.9407	* 3.0244	* 4.3201	
	* 2.5542	* 2.2955	* 2.2590	* 1.9338	* 2.0518	* 2.9807	* 4.1588	
	* 2.5688	* 2.3140	* 2.3020	* 2.0419	* 2.1111	* 2.9092	* 3.8838	
14	* 1.6736	* 1.6067	* 1.6131	* 1.6296	* 2.8242	* 4.6635		
	* 1.7150	* 1.6310	* 1.6261	* 1.6307	* 2.7288	* 4.5952		
	* 1.8491	* 1.8043	* 1.7843	* 1.7625	* 2.7865	* 4.6183		
	* 1.9615	* 1.9292	* 1.9016	* 1.8629	* 2.8394	* 4.5497		
	* 2.0620	* 2.0428	* 2.0187	* 1.9822	* 2.8499	* 4.3507		
	* 2.1155	* 2.1132	* 2.1037	* 2.1096	* 2.7585	* 4.0216		
15	* 3.3127	* 3.2650	* 3.3897	* 3.8917	* 4 EFPD	118 % POWER		
	* 3.1963	* 3.1671	* 3.2815	* 3.7617	* 50 EFPD	118 % POWER		
	* 3.3339	* 3.3486	* 3.4522	* 3.9337	* 175 EFPD	118 % POWER		
	* 3.4258	* 3.4548	* 3.5613	* 4.0311	* 250 EFPD	118 % POWER		
	* 3.4525	* 3.4814	* 3.5903	* 4.0168	* 350 EFPD	118 % POWER		
	* 3.2893	* 3.3126	* 3.4246	* 3.8014	* 490 EFPD	118 % POWER		

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.2849	* 2.1260	* 1.8229	* 2.2030	* 1.6534	* 2.0715	* 1.5646	* 3.1183
	* 2.3259	* 2.1019	* 1.8060	* 2.1636	* 1.6667	* 2.0825	* 1.6076	* 3.0139
	* 2.3645	* 2.0590	* 1.7080	* 2.1457	* 1.7186	* 2.2559	* 1.7306	* 3.1233
	* 2.4030	* 2.0837	* 1.7393	* 2.1628	* 1.7840	* 2.3506	* 1.8474	* 3.2306
	* 2.4671	* 2.1480	* 1.8308	* 2.2169	* 1.8872	* 2.4379	* 1.9646	* 3.2893
	* 2.4990	* 2.2020	* 1.9205	* 2.2622	* 1.9625	* 2.4463	* 2.0124	* 3.1455
*****								
9	* 2.1260	* 1.6322	* 2.1187	* 1.6432	* 2.1147	* 1.8594	* 1.5004	* 3.0719
	* 2.1019	* 1.6912	* 2.1469	* 1.6994	* 2.1197	* 1.8703	* 1.5270	* 2.9901
	* 2.0590	* 1.7428	* 2.1436	* 1.7661	* 2.1796	* 2.0303	* 1.6902	* 3.1447
	* 2.0837	* 1.7918	* 2.1681	* 1.8074	* 2.2068	* 2.1160	* 1.8193	* 3.2677
	* 2.1480	* 1.8749	* 2.2285	* 1.8663	* 2.2536	* 2.1932	* 1.9505	* 3.3323
	* 2.2020	* 1.9483	* 2.2775	* 1.9282	* 2.2863	* 2.2075	* 2.0111	* 3.1889
*****								
10	* 1.8229	* 2.1152	* 1.7813	* 1.8673	* 1.5930	* 1.8872	* 1.5007	* 3.1802
	* 1.8060	* 2.1434	* 1.8326	* 1.8758	* 1.6086	* 1.8833	* 1.5170	* 3.0924
	* 1.7080	* 2.1418	* 1.9086	* 1.8817	* 1.7129	* 1.9999	* 1.6691	* 3.2379
	* 1.7393	* 2.1663	* 1.9547	* 1.9089	* 1.7743	* 2.0791	* 1.7925	* 3.3634
	* 1.8308	* 2.2262	* 2.0211	* 1.9642	* 1.8445	* 2.1637	* 1.9297	* 3.4355
	* 1.9205	* 2.2756	* 2.0724	* 2.0152	* 1.8949	* 2.1989	* 1.9996	* 3.2873
*****								
11	* 2.2030	* 1.6424	* 1.8672	* 1.5949	* 1.7614	* 1.5978	* 1.5054	* 3.6376
	* 2.1636	* 1.7001	* 1.8765	* 1.6392	* 1.7711	* 1.5775	* 1.5116	* 3.5261
	* 2.1457	* 1.7643	* 1.8819	* 1.7186	* 1.8354	* 1.6293	* 1.6457	* 3.6729
	* 2.1628	* 1.8067	* 1.9088	* 1.7458	* 1.8891	* 1.7288	* 1.7537	* 3.7971
	* 2.2169	* 1.8656	* 1.9638	* 1.8285	* 1.9659	* 1.8534	* 1.8947	* 3.8350
	* 2.2622	* 1.9277	* 2.0147	* 1.9055	* 2.0177	* 1.9406	* 2.0039	* 3.6431
*****								
12	* 1.6534	* 2.1160	* 1.5978	* 1.7668	* 1.8797	* 1.5493	* 2.6237	*
	* 1.6667	* 2.1206	* 1.6136	* 1.7755	* 1.9035	* 1.5918	* 2.5424	*
	* 1.7186	* 2.1795	* 1.7162	* 1.8386	* 1.9977	* 1.7169	* 2.5990	*
	* 1.7840	* 2.2063	* 1.7752	* 1.8916	* 2.0604	* 1.8234	* 2.6690	*
	* 1.8872	* 2.2528	* 1.8447	* 1.9676	* 2.1265	* 1.9610	* 2.7235	*
	* 1.9625	* 2.2854	* 1.8947	* 2.0186	* 2.1356	* 1.9952	* 2.6353	*
*****								
13	* 2.0715	* 1.8618	* 1.8903	* 1.6025	* 1.5653	* 2.8149	* 4.0906	*
	* 2.0825	* 1.8725	* 1.8864	* 1.5845	* 1.6069	* 2.8218	* 4.0431	*
	* 2.2559	* 2.0323	* 2.0030	* 1.6333	* 1.7271	* 2.8282	* 4.1044	*
	* 2.3506	* 2.1173	* 2.0809	* 1.7317	* 1.8312	* 2.8412	* 4.0869	*
	* 2.4379	* 2.1939	* 2.1643	* 1.8548	* 1.9663	* 2.8371	* 3.9648	*
	* 2.4463	* 2.2078	* 2.1988	* 1.9410	* 2.0013	* 2.7562	* 3.6842	*
*****								
14	* 1.5646	* 1.5014	* 1.5033	* 1.5113	* 2.6403	* 4.3910	*	*
	* 1.6076	* 1.5280	* 1.5195	* 1.5173	* 2.5579	* 4.3195	*	*
	* 1.7306	* 1.6904	* 1.6707	* 1.6488	* 2.6101	* 4.3545	*	*
	* 1.8474	* 1.8190	* 1.7930	* 1.7553	* 2.6780	* 4.3156	*	*
	* 1.9646	* 1.9495	* 1.9292	* 1.8947	* 2.7300	* 4.1613	*	*
	* 2.0124	* 2.0099	* 1.9985	* 2.0031	* 2.6404	* 3.8297	*	*
*****								
15	* 3.1183	* 3.0675	* 3.1825	* 3.6463	* 4 EFPD	118 % POWER		
	* 3.0139	* 2.9840	* 3.0933	* 3.5354	* 50 EFPD	118 % POWER		
	* 3.1233	* 3.1370	* 3.2352	* 3.6752	* 175 EFPD	118 % POWER		
	* 3.2306	* 3.2588	* 3.3594	* 3.7935	* 250 EFPD	118 % POWER		
	* 3.2893	* 3.3231	* 3.4310	* 3.8276	* 350 EFPD	118 % POWER		
	* 3.1455	* 3.1792	* 3.2828	* 3.6346	* 490 EFPD	118 % POWER		
*****								



Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.1655	* 2.0136	* 1.7265	* 2.0893	* 1.5627	* 1.9604	* 1.4752	* 2.9460
	* 2.2076	* 1.9935	* 1.7116	* 2.0527	* 1.5747	* 1.9776	* 1.5226	* 2.8514
	* 2.2273	* 1.9353	* 1.6015	* 2.0190	* 1.6100	* 2.1190	* 1.6150	* 2.9207
	* 2.2543	* 1.9499	* 1.6233	* 2.0261	* 1.6654	* 2.2030	* 1.7212	* 3.0149
	* 2.3094	* 2.0057	* 1.7058	* 2.0713	* 1.7587	* 2.2823	* 1.8298	* 3.0663
	* 2.3576	* 2.0748	* 1.8087	* 2.1319	* 1.8484	* 2.3058	* 1.8929	* 2.9468
9	* 2.0136	* 1.5438	* 2.0066	* 1.5542	* 2.0028	* 1.7534	* 1.4103	* 2.9017
	* 1.9935	* 1.6018	* 2.0364	* 1.6075	* 2.0072	* 1.7718	* 1.4410	* 2.8341
	* 1.9353	* 1.6340	* 2.0168	* 1.6598	* 2.0501	* 1.9046	* 1.5753	* 2.9433
	* 1.9499	* 1.6727	* 2.0309	* 1.6871	* 2.0676	* 1.9806	* 1.6936	* 3.0528
	* 2.0057	* 1.7457	* 2.0827	* 1.7355	* 2.1063	* 2.0506	* 1.8156	* 3.1102
	* 2.0748	* 1.8341	* 2.1464	* 1.8150	* 2.1553	* 2.0819	* 1.8926	* 2.9883
10	* 1.7265	* 2.0031	* 1.6812	* 1.7642	* 1.4979	* 1.7768	* 1.4079	* 3.0006
	* 1.7116	* 2.0329	* 1.7328	* 1.7728	* 1.5197	* 1.7807	* 1.4287	* 2.9284
	* 1.6015	* 2.0149	* 1.7925	* 1.7658	* 1.5996	* 1.8718	* 1.5532	* 3.0274
	* 1.6233	* 2.0292	* 1.8296	* 1.7848	* 1.6532	* 1.9423	* 1.6661	* 3.1389
	* 1.7058	* 2.0805	* 1.8882	* 1.8318	* 1.7148	* 2.0185	* 1.7938	* 3.1975
	* 1.8087	* 2.1447	* 1.9541	* 1.8995	* 1.7855	* 2.0722	* 1.8825	* 3.0775
11	* 2.0893	* 1.5534	* 1.7641	* 1.4971	* 1.6516	* 1.4994	* 1.4092	* 3.4231
	* 2.0527	* 1.6083	* 1.7735	* 1.5471	* 1.6706	* 1.4855	* 1.4201	* 3.3317
	* 2.0190	* 1.6580	* 1.7660	* 1.6069	* 1.7151	* 1.5170	* 1.5299	* 3.4290
	* 2.0261	* 1.6864	* 1.7847	* 1.6257	* 1.7613	* 1.6070	* 1.6285	* 3.5387
	* 2.0713	* 1.7348	* 1.8314	* 1.6980	* 1.8301	* 1.7218	* 1.7599	* 3.5710
	* 2.1319	* 1.8145	* 1.8990	* 1.7962	* 1.9029	* 1.8294	* 1.8862	* 3.4140
12	* 1.5627	* 2.0040	* 1.5028	* 1.6569	* 1.7651	* 1.4522	* 2.4548	*
	* 1.5747	* 2.0082	* 1.5248	* 1.6749	* 1.7976	* 1.4987	* 2.3881	*
	* 1.6100	* 2.0499	* 1.6029	* 1.7182	* 1.8693	* 1.6006	* 2.4169	*
	* 1.6654	* 2.0671	* 1.6541	* 1.7637	* 1.9219	* 1.6963	* 2.4793	*
	* 1.7587	* 2.1055	* 1.7150	* 1.8316	* 1.9809	* 1.8221	* 2.5255	*
	* 1.8484	* 2.1544	* 1.7852	* 1.9038	* 2.0144	* 1.8783	* 2.4637	*
13	* 1.9604	* 1.7559	* 1.7801	* 1.5041	* 1.4678	* 2.6464	* 3.8537	*
	* 1.9776	* 1.7741	* 1.7840	* 1.4925	* 1.5136	* 2.6559	* 3.8077	*
	* 2.1190	* 1.9066	* 1.8749	* 1.5209	* 1.6105	* 2.6468	* 3.8463	*
	* 2.2030	* 1.9819	* 1.9442	* 1.6098	* 1.7039	* 2.6513	* 3.8194	*
	* 2.2823	* 2.0513	* 2.0191	* 1.7231	* 1.8273	* 2.6413	* 3.6970	*
	* 2.3058	* 2.0822	* 2.0720	* 1.8296	* 1.8840	* 2.5892	* 3.4481	*
14	* 1.4752	* 1.4113	* 1.4106	* 1.4151	* 2.4709	* 4.1397	*	*
	* 1.5226	* 1.4420	* 1.4314	* 1.4259	* 2.4034	* 4.0710	*	*
	* 1.6150	* 1.5755	* 1.5549	* 1.5330	* 2.4276	* 4.0782	*	*
	* 1.7212	* 1.6933	* 1.6666	* 1.6301	* 2.4878	* 4.0260	*	*
	* 1.8298	* 1.8146	* 1.7934	* 1.7600	* 2.5318	* 3.8692	*	*
	* 1.8929	* 1.8914	* 1.8814	* 1.8853	* 2.4680	* 3.5686	*	*
15	* 2.9460	* 2.8981	* 3.0031	* 3.4332	* 4 EFPD	118 % POWER		
	* 2.8514	* 2.8287	* 2.9302	* 3.3412	* 50 EFPD	118 % POWER		
	* 2.9207	* 2.9360	* 3.0249	* 3.4316	* 175 EFPD	118 % POWER		
	* 3.0149	* 3.0444	* 3.1351	* 3.5358	* 250 EFPD	118 % POWER		
	* 3.0663	* 3.0939	* 3.1932	* 3.5643	* 350 EFPD	118 % POWER		
	* 2.9468	* 2.9727	* 3.0731	* 3.4059	* 490 EFPD	118 % POWER		

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 2.0773	* 1.9319	* 1.6615	* 2.0047	* 1.5014	* 1.8779	* 1.4142	* 2.7989
	* 2.1231	* 1.9173	* 1.6494	* 1.9728	* 1.5136	* 1.8957	* 1.4646	* 2.7084
	* 2.1202	* 1.8389	* 1.5249	* 1.9208	* 1.5319	* 2.0087	* 1.5308	* 2.7426
	* 2.1320	* 1.8401	* 1.5343	* 1.9131	* 1.5737	* 2.0810	* 1.6242	* 2.8171
	* 2.1741	* 1.8836	* 1.6028	* 1.9454	* 1.6538	* 2.1480	* 1.7208	* 2.8491
	* 2.2247	* 1.9536	* 1.7051	* 2.0069	* 1.7425	* 2.1737	* 1.7838	* 2.7321
*****								
9	* 1.9319	* 1.4836	* 1.9230	* 1.4933	* 1.9193	* 1.6770	* 1.3470	* 2.7575
	* 1.9173	* 1.5431	* 1.9580	* 1.5465	* 1.9253	* 1.7034	* 1.3836	* 2.6928
	* 1.8389	* 1.5550	* 1.9187	* 1.5831	* 1.9495	* 1.8088	* 1.4909	* 2.7687
	* 1.8401	* 1.5813	* 1.9174	* 1.5964	* 1.9528	* 1.8719	* 1.5961	* 2.8540
	* 1.8836	* 1.6398	* 1.9564	* 1.6304	* 1.9782	* 1.9251	* 1.7062	* 2.8878
	* 1.9536	* 1.7296	* 2.0210	* 1.7094	* 2.0286	* 1.9626	* 1.7825	* 2.7752
*****								
10	* 1.6615	* 1.9196	* 1.6079	* 1.6904	* 1.4326	* 1.6959	* 1.3426	* 2.8445
	* 1.6494	* 1.9545	* 1.6624	* 1.6999	* 1.4589	* 1.7086	* 1.3695	* 2.7684
	* 1.5249	* 1.9170	* 1.7040	* 1.6781	* 1.5158	* 1.7708	* 1.4676	* 2.8354
	* 1.5343	* 1.9159	* 1.7268	* 1.6853	* 1.5610	* 1.8298	* 1.5677	* 2.9263
	* 1.6028	* 1.9543	* 1.7698	* 1.7198	* 1.6099	* 1.8930	* 1.6833	* 2.9672
	* 1.7051	* 2.0194	* 1.8380	* 1.7863	* 1.6795	* 1.9470	* 1.7710	* 2.8556
*****								
11	* 2.0047	* 1.4925	* 1.6903	* 1.4285	* 1.5713	* 1.4311	* 1.3412	* 3.2352
	* 1.9728	* 1.5473	* 1.7006	* 1.4821	* 1.5998	* 1.4243	* 1.3582	* 3.1532
	* 1.9208	* 1.5813	* 1.6783	* 1.5264	* 1.6224	* 1.4339	* 1.4436	* 3.2085
	* 1.9131	* 1.5957	* 1.6852	* 1.5338	* 1.6569	* 1.5118	* 1.5306	* 3.2964
	* 1.9454	* 1.6297	* 1.7194	* 1.5916	* 1.7129	* 1.6137	* 1.6496	* 3.3154
	* 2.0069	* 1.7089	* 1.7858	* 1.6889	* 1.7849	* 1.7184	* 1.7724	* 3.1725
*****								
12	* 1.5014	* 1.9204	* 1.4375	* 1.5765	* 1.6809	* 1.3839	* 2.3032	*
	* 1.5136	* 1.9263	* 1.4636	* 1.6042	* 1.7224	* 1.4358	* 2.2506	*
	* 1.5319	* 1.9491	* 1.5192	* 1.6255	* 1.7525	* 1.5114	* 2.2519	*
	* 1.5737	* 1.9523	* 1.5620	* 1.6589	* 1.7961	* 1.5945	* 2.2941	*
	* 1.6538	* 1.9774	* 1.6099	* 1.7142	* 1.8467	* 1.7046	* 2.3258	*
	* 1.7425	* 2.0277	* 1.6792	* 1.7857	* 1.8815	* 1.7625	* 2.2801	*
*****								
13	* 1.8779	* 1.6795	* 1.6993	* 1.4361	* 1.3995	* 2.5281	* 3.6435	*
	* 1.8957	* 1.7058	* 1.7120	* 1.4314	* 1.4508	* 2.5422	* 3.6040	*
	* 2.0087	* 1.8107	* 1.7741	* 1.4379	* 1.5220	* 2.5122	* 3.6096	*
	* 2.0810	* 1.8732	* 1.8318	* 1.5146	* 1.6025	* 2.5023	* 3.5661	*
	* 2.1480	* 1.9255	* 1.8935	* 1.6149	* 1.7101	* 2.4787	* 3.4360	*
	* 2.1737	* 1.9629	* 1.9468	* 1.7187	* 1.7680	* 2.4318	* 3.2027	*
*****								
14	* 1.4142	* 1.3481	* 1.3453	* 1.3472	* 2.3190	* 3.9106	*	*
	* 1.4646	* 1.3847	* 1.3723	* 1.3640	* 2.2647	* 3.8500	*	*
	* 1.5308	* 1.4911	* 1.4693	* 1.4468	* 2.2623	* 3.8015	*	*
	* 1.6242	* 1.5958	* 1.5682	* 1.5321	* 2.3025	* 3.7443	*	*
	* 1.7208	* 1.7052	* 1.6828	* 1.6496	* 2.3316	* 3.5784	*	*
	* 1.7838	* 1.7813	* 1.7699	* 1.7715	* 2.2843	* 3.2865	*	*
*****								
15	* 2.7989	* 2.7543	* 2.8449	* 3.2457	* 4 EFPD	118 % POWER		
	* 2.7084	* 2.6895	* 2.7685	* 3.1625	* 50 EFPD	118 % POWER		
	* 2.7426	* 2.7619	* 2.8332	* 3.2117	* 175 EFPD	118 % POWER		
	* 2.8171	* 2.8434	* 2.9228	* 3.2944	* 250 EFPD	118 % POWER		
	* 2.8491	* 2.8778	* 2.9631	* 3.3097	* 350 EFPD	118 % POWER		
	* 2.7321	* 2.7658	* 2.8515	* 3.1653	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.9713	* 1.8358	* 1.5693	* 1.9121	* 1.4159	* 1.7837	* 1.3310	* 2.7099
	* 2.0255	* 1.8315	* 1.5680	* 1.8899	* 1.4321	* 1.8047	* 1.3814	* 2.6273
	* 2.0008	* 1.7373	* 1.4273	* 1.8188	* 1.4333	* 1.8972	* 1.4270	* 2.6306
	* 1.9962	* 1.7259	* 1.4255	* 1.7991	* 1.4625	* 1.9572	* 1.5045	* 2.6840
	* 2.0244	* 1.7555	* 1.4791	* 1.8172	* 1.5280	* 2.0100	* 1.5867	* 2.7049
	* 2.0740	* 1.8259	* 1.5777	* 1.8787	* 1.6128	* 2.0369	* 1.6472	* 2.6040
*****								
9	* 1.8358	* 1.3989	* 1.8289	* 1.4087	* 1.8274	* 1.5875	* 1.2662	* 2.6650
	* 1.8315	* 1.4625	* 1.8709	* 1.4658	* 1.8410	* 1.6194	* 1.3091	* 2.6069
	* 1.7373	* 1.4557	* 1.8150	* 1.4867	* 1.8439	* 1.7059	* 1.3880	* 2.6493
	* 1.7259	* 1.4674	* 1.8021	* 1.4864	* 1.8369	* 1.7551	* 1.4768	* 2.7166
	* 1.7555	* 1.5140	* 1.8273	* 1.5056	* 1.8474	* 1.7991	* 1.5727	* 2.7438
	* 1.8259	* 1.5990	* 1.8920	* 1.5782	* 1.8963	* 1.8317	* 1.6460	* 2.6446
*****								
10	* 1.5693	* 1.8254	* 1.5203	* 1.6024	* 1.3473	* 1.6040	* 1.2602	* 2.7559
	* 1.5680	* 1.8674	* 1.5802	* 1.6166	* 1.3755	* 1.6261	* 1.2938	* 2.6967
	* 1.4273	* 1.8131	* 1.6046	* 1.5835	* 1.4168	* 1.6678	* 1.3643	* 2.7293
	* 1.4255	* 1.8003	* 1.6184	* 1.5771	* 1.4480	* 1.7101	* 1.4465	* 2.7960
	* 1.4791	* 1.8251	* 1.6528	* 1.5984	* 1.4811	* 1.7617	* 1.5477	* 2.8301
	* 1.5777	* 1.8903	* 1.7192	* 1.6637	* 1.5479	* 1.8149	* 1.6322	* 2.7268
*****								
11	* 1.9121	* 1.4079	* 1.6023	* 1.3412	* 1.4779	* 1.3416	* 1.2567	* 3.1383
	* 1.8899	* 1.4666	* 1.6173	* 1.3952	* 1.5119	* 1.3439	* 1.2807	* 3.0650
	* 1.8188	* 1.4848	* 1.5838	* 1.4293	* 1.5219	* 1.3345	* 1.3410	* 3.0859
	* 1.7991	* 1.4857	* 1.5770	* 1.4209	* 1.5406	* 1.3951	* 1.4105	* 3.1460
	* 1.8172	* 1.5049	* 1.5980	* 1.4638	* 1.5834	* 1.4821	* 1.5143	* 3.1479
	* 1.8787	* 1.5778	* 1.6632	* 1.5564	* 1.6566	* 1.5845	* 1.6328	* 3.0123
*****								
12	* 1.4159	* 1.8285	* 1.3522	* 1.4831	* 1.5800	* 1.2967	* 2.2390	*
	* 1.4321	* 1.8420	* 1.3803	* 1.5159	* 1.6253	* 1.3513	* 2.1907	*
	* 1.4333	* 1.8438	* 1.4201	* 1.5250	* 1.6540	* 1.4100	* 2.1651	*
	* 1.4625	* 1.8364	* 1.4490	* 1.5430	* 1.6769	* 1.4729	* 2.1873	*
	* 1.5280	* 1.8466	* 1.4814	* 1.5850	* 1.7086	* 1.5630	* 2.2052	*
	* 1.6128	* 1.8954	* 1.5477	* 1.6573	* 1.7458	* 1.6164	* 2.1579	*
*****								
13	* 1.7837	* 1.5900	* 1.6075	* 1.3472	* 1.3116	* 2.3791	* 3.5405	*
	* 1.8047	* 1.6217	* 1.6293	* 1.3505	* 1.3650	* 2.4021	* 3.5137	*
	* 1.8972	* 1.7069	* 1.6711	* 1.3384	* 1.4198	* 2.3533	* 3.4754	*
	* 1.9572	* 1.7564	* 1.7120	* 1.3978	* 1.4803	* 2.3199	* 3.3985	*
	* 2.0100	* 1.7997	* 1.7623	* 1.4834	* 1.5707	* 2.2798	* 3.2653	*
	* 2.0369	* 1.8319	* 1.8147	* 1.5847	* 1.6215	* 2.2419	* 3.0379	*
*****								
14	* 1.3310	* 1.2673	* 1.2630	* 1.2627	* 2.2548	* 3.8123	*	*
	* 1.3814	* 1.3102	* 1.2966	* 1.2866	* 2.2051	* 3.7663	*	*
	* 1.4270	* 1.3883	* 1.3661	* 1.3440	* 2.1754	* 3.6960	*	*
	* 1.5045	* 1.4765	* 1.4470	* 1.4120	* 2.1954	* 3.5956	*	*
	* 1.5867	* 1.5717	* 1.5473	* 1.5144	* 2.2109	* 3.4322	*	*
	* 1.6472	* 1.6448	* 1.6312	* 1.6319	* 2.1621	* 3.1605	*	*
*****								
15	* 2.7099	* 2.6620	* 2.7588	* 3.1487	* 4 EFPD	118 % POWER		
	* 2.6273	* 2.6036	* 2.6991	* 3.0744	* 50 EFPD	118 % POWER		
	* 2.6306	* 2.6426	* 2.7273	* 3.0893	* 175 EFPD	118 % POWER		
	* 2.6840	* 2.7092	* 2.7928	* 3.1432	* 250 EFPD	118 % POWER		
	* 2.7049	* 2.7360	* 2.8261	* 3.1419	* 350 EFPD	118 % POWER		
	* 2.6040	* 2.6357	* 2.7228	* 3.0049	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.9028	* 1.7745	* 1.5162	* 1.8524	* 1.3669	* 1.7285	* 1.2867	* 2.6370
	* 1.9711	* 1.7848	* 1.5281	* 1.8446	* 1.3923	* 1.7558	* 1.3408	* 2.5676
	* 1.9224	* 1.6697	* 1.3699	* 1.7509	* 1.3731	* 1.8246	* 1.3692	* 2.5402
	* 1.8912	* 1.6339	* 1.3468	* 1.7074	* 1.3813	* 1.8551	* 1.4223	* 2.5541
	* 1.8928	* 1.6414	* 1.3787	* 1.7024	* 1.4278	* 1.8852	* 1.4797	* 2.5390
	* 1.9274	* 1.6981	* 1.4650	* 1.7500	* 1.5000	* 1.9028	* 1.5319	* 2.4350
*****								
9	* 1.7745	* 1.3488	* 1.7663	* 1.3582	* 1.7682	* 1.5351	* 1.2214	* 2.5922
	* 1.7848	* 1.4217	* 1.8220	* 1.4252	* 1.7940	* 1.5711	* 1.2678	* 2.5457
	* 1.6697	* 1.3960	* 1.7462	* 1.4275	* 1.7731	* 1.6395	* 1.3296	* 2.5575
	* 1.6339	* 1.3858	* 1.7086	* 1.4070	* 1.7418	* 1.6629	* 1.3942	* 2.5847
	* 1.6414	* 1.4104	* 1.7112	* 1.4062	* 1.7317	* 1.6853	* 1.4645	* 2.5750
	* 1.6981	* 1.4825	* 1.7621	* 1.4648	* 1.7680	* 1.7084	* 1.5295	* 2.4733
*****								
10	* 1.5162	* 1.7628	* 1.4619	* 1.5439	* 1.3011	* 1.5497	* 1.2148	* 2.6806
	* 1.5281	* 1.8184	* 1.5322	* 1.5691	* 1.3323	* 1.5758	* 1.2551	* 2.6330
	* 1.3699	* 1.7443	* 1.5379	* 1.5193	* 1.3613	* 1.6036	* 1.3056	* 2.6354
	* 1.3468	* 1.7069	* 1.5300	* 1.4948	* 1.3738	* 1.6218	* 1.3643	* 2.6609
	* 1.3787	* 1.7094	* 1.5447	* 1.4939	* 1.3795	* 1.6453	* 1.4384	* 2.6549
	* 1.4650	* 1.7605	* 1.5991	* 1.5470	* 1.4336	* 1.6882	* 1.5137	* 2.5497
*****								
11	* 1.8524	* 1.3574	* 1.5437	* 1.2919	* 1.4217	* 1.2926	* 1.2107	* 3.0525
	* 1.8446	* 1.4260	* 1.5698	* 1.3487	* 1.4597	* 1.2997	* 1.2434	* 2.9926
	* 1.7509	* 1.4279	* 1.5195	* 1.3766	* 1.4609	* 1.2781	* 1.2820	* 2.9796
	* 1.7074	* 1.4063	* 1.4947	* 1.3474	* 1.4586	* 1.3170	* 1.3296	* 2.9953
	* 1.7024	* 1.4055	* 1.4936	* 1.3617	* 1.4742	* 1.3773	* 1.4067	* 2.9519
	* 1.7500	* 1.4644	* 1.5466	* 1.4403	* 1.5340	* 1.4661	* 1.5123	* 2.8145
*****								
12	* 1.3669	* 1.7693	* 1.3059	* 1.4269	* 1.5201	* 1.2490	* 2.1718	*
	* 1.3923	* 1.7950	* 1.3372	* 1.4640	* 1.5694	* 1.3057	* 2.1315	*
	* 1.3731	* 1.7731	* 1.3648	* 1.4640	* 1.5856	* 1.3509	* 2.0858	*
	* 1.3813	* 1.7413	* 1.3748	* 1.4610	* 1.5863	* 1.3919	* 2.0778	*
	* 1.4278	* 1.7310	* 1.3798	* 1.4758	* 1.5897	* 1.4537	* 2.0613	*
	* 1.5000	* 1.7672	* 1.4334	* 1.5348	* 1.6128	* 1.4916	* 2.0041	*
*****								
13	* 1.7285	* 1.5377	* 1.5532	* 1.2995	* 1.2638	* 2.3045	* 3.4467	*
	* 1.7558	* 1.5735	* 1.5790	* 1.3064	* 1.3195	* 2.3382	* 3.4425	*
	* 1.8246	* 1.6412	* 1.6070	* 1.2823	* 1.3607	* 2.2657	* 3.3540	*
	* 1.8551	* 1.6642	* 1.6238	* 1.3198	* 1.3993	* 2.2061	* 3.2361	*
	* 1.8852	* 1.6860	* 1.6459	* 1.3785	* 1.4603	* 2.1312	* 3.0668	*
	* 1.9028	* 1.7086	* 1.6881	* 1.4666	* 1.4966	* 2.0781	* 2.8393	*
*****								
14	* 1.2867	* 1.2226	* 1.2176	* 1.2166	* 2.1875	* 3.7142	*	*
	* 1.3408	* 1.2689	* 1.2577	* 1.2490	* 2.1460	* 3.6934	*	*
	* 1.3692	* 1.3299	* 1.3074	* 1.2852	* 2.0962	* 3.5700	*	*
	* 1.4223	* 1.3940	* 1.3649	* 1.3312	* 2.0858	* 3.4262	*	*
	* 1.4797	* 1.4636	* 1.4381	* 1.4069	* 2.0667	* 3.2253	*	*
	* 1.5319	* 1.5284	* 1.5127	* 1.5116	* 2.0081	* 2.9555	*	*
*****								
15	* 2.6370	* 2.5894	* 2.6837	* 3.0632	* 4 EFPD	118 % POWER		
	* 2.5676	* 2.5429	* 2.6357	* 3.0023	* 50 EFPD	118 % POWER		
	* 2.5402	* 2.5510	* 2.6336	* 2.9834	* 175 EFPD	118 % POWER		
	* 2.5541	* 2.5776	* 2.6578	* 2.9930	* 250 EFPD	118 % POWER		
	* 2.5390	* 2.5677	* 2.6512	* 2.9462	* 350 EFPD	118 % POWER		
	* 2.4350	* 2.4657	* 2.5459	* 2.8076	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8794	* 1.7543	* 1.5099	* 1.8299	* 1.3601	* 1.7122	* 1.2856	* 2.5783
	* 1.9663	* 1.7834	* 1.5380	* 1.8412	* 1.3999	* 1.7521	* 1.3476	* 2.5320
	* 1.8981	* 1.6482	* 1.3647	* 1.7303	* 1.3646	* 1.7937	* 1.3647	* 2.4710
	* 1.8378	* 1.5858	* 1.3161	* 1.6577	* 1.3481	* 1.7957	* 1.3917	* 2.4428
	* 1.8084	* 1.5656	* 1.3211	* 1.6237	* 1.3681	* 1.7965	* 1.4182	* 2.3847
	* 1.8162	* 1.5957	* 1.3823	* 1.6444	* 1.4165	* 1.7889	* 1.4460	* 2.2437
9	* 1.7543	* 1.3401	* 1.7403	* 1.3486	* 1.7448	* 1.5221	* 1.2166	* 2.5410
	* 1.7834	* 1.4275	* 1.8162	* 1.4320	* 1.7879	* 1.5656	* 1.2705	* 2.5125
	* 1.6482	* 1.3875	* 1.7248	* 1.4180	* 1.7488	* 1.6127	* 1.3222	* 2.4940
	* 1.5858	* 1.3548	* 1.6580	* 1.3771	* 1.6906	* 1.6109	* 1.3617	* 2.4762
	* 1.5656	* 1.3516	* 1.6315	* 1.3519	* 1.6515	* 1.5999	* 1.4015	* 2.4204
	* 1.5957	* 1.4011	* 1.6558	* 1.3836	* 1.6526	* 1.6042	* 1.4421	* 2.2826
10	* 1.5099	* 1.7369	* 1.4380	* 1.5207	* 1.2973	* 1.5351	* 1.2099	* 2.6185
	* 1.5380	* 1.8126	* 1.5234	* 1.5631	* 1.3370	* 1.5693	* 1.2578	* 2.5831
	* 1.3647	* 1.7231	* 1.5145	* 1.4975	* 1.3529	* 1.5817	* 1.2981	* 2.5559
	* 1.3161	* 1.6566	* 1.4841	* 1.4498	* 1.3439	* 1.5746	* 1.3325	* 2.5397
	* 1.3211	* 1.6302	* 1.4700	* 1.4258	* 1.3238	* 1.5665	* 1.3762	* 2.4834
	* 1.3823	* 1.6542	* 1.4997	* 1.4507	* 1.3514	* 1.5827	* 1.4262	* 2.3454
11	* 1.8299	* 1.3478	* 1.5206	* 1.2838	* 1.4050	* 1.2875	* 1.2073	* 2.9812
	* 1.8412	* 1.4328	* 1.5638	* 1.3490	* 1.4509	* 1.3042	* 1.2470	* 2.9426
	* 1.7303	* 1.4183	* 1.4977	* 1.3692	* 1.4414	* 1.2721	* 1.2723	* 2.8973
	* 1.6577	* 1.3765	* 1.4497	* 1.3211	* 1.4179	* 1.2860	* 1.2989	* 2.8641
	* 1.6237	* 1.3513	* 1.4255	* 1.3037	* 1.4037	* 1.3168	* 1.3454	* 2.7723
	* 1.6444	* 1.3832	* 1.4503	* 1.3570	* 1.4354	* 1.3776	* 1.4234	* 2.6017
12	* 1.3601	* 1.7459	* 1.3022	* 1.4102	* 1.5028	* 1.2446	* 2.1061	*
	* 1.3999	* 1.7889	* 1.3420	* 1.4551	* 1.5606	* 1.3086	* 2.0816	*
	* 1.3646	* 1.7484	* 1.3563	* 1.4436	* 1.5554	* 1.3407	* 2.0212	*
	* 1.3481	* 1.6901	* 1.3447	* 1.4197	* 1.5331	* 1.3587	* 1.9768	*
	* 1.3681	* 1.6508	* 1.3240	* 1.4050	* 1.5086	* 1.3900	* 1.9213	*
	* 1.4165	* 1.6519	* 1.3513	* 1.4362	* 1.5050	* 1.4058	* 1.8435	*
13	* 1.7122	* 1.5247	* 1.5387	* 1.2953	* 1.2599	* 2.3121	* 3.3696	*
	* 1.7521	* 1.5680	* 1.5727	* 1.3112	* 1.3230	* 2.3670	* 3.3967	*
	* 1.7937	* 1.6146	* 1.5851	* 1.2765	* 1.3516	* 2.2624	* 3.2666	*
	* 1.7957	* 1.6121	* 1.5766	* 1.2889	* 1.3672	* 2.1687	* 3.1047	*
	* 1.7965	* 1.6003	* 1.5671	* 1.3181	* 1.3955	* 2.0573	* 2.8903	*
	* 1.7889	* 1.6041	* 1.5826	* 1.3789	* 1.4107	* 1.9646	* 2.6253	*
14	* 1.2856	* 1.2179	* 1.2128	* 1.2133	* 2.1218	* 3.6238	*	*
	* 1.3476	* 1.2716	* 1.2605	* 1.2529	* 2.0961	* 3.6372	*	*
	* 1.3647	* 1.3226	* 1.3001	* 1.2757	* 2.0318	* 3.4498	*	*
	* 1.3917	* 1.3615	* 1.3332	* 1.3008	* 1.9850	* 3.2609	*	*
	* 1.4182	* 1.4007	* 1.3759	* 1.3456	* 1.9267	* 3.0161	*	*
	* 1.4460	* 1.4411	* 1.4253	* 1.4227	* 1.8473	* 2.7005	*	*
15	* 2.5783	* 2.5383	* 2.6193	* 2.9922	* 4 EFPD	118 % POWER		
	* 2.5320	* 2.5099	* 2.5837	* 2.9529	* 50 EFPD	118 % POWER		
	* 2.4710	* 2.4882	* 2.5541	* 2.9017	* 175 EFPD	118 % POWER		
	* 2.4428	* 2.4668	* 2.5368	* 2.8629	* 250 EFPD	118 % POWER		
	* 2.3847	* 2.4114	* 2.4800	* 2.7680	* 350 EFPD	118 % POWER		
	* 2.2437	* 2.2744	* 2.3419	* 2.5961	* 490 EFPD	118 % POWER		

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.8528	* 1.7256	* 1.4847	* 1.8023	* 1.3412	* 1.6880	* 1.2720	* 2.5843
	* 1.9649	* 1.7808	* 1.5396	* 1.8426	* 1.4015	* 1.7540	* 1.3498	* 2.5797
	* 1.8900	* 1.6429	* 1.3627	* 1.7274	* 1.3594	* 1.7843	* 1.3592	* 2.4998
	* 1.8028	* 1.5567	* 1.2898	* 1.6304	* 1.3190	* 1.7593	* 1.3606	* 2.4319
	* 1.7413	* 1.5078	* 1.2679	* 1.5676	* 1.3114	* 1.7287	* 1.3586	* 2.3368
	* 1.7142	* 1.5060	* 1.2973	* 1.5553	* 1.3297	* 1.6895	* 1.3547	* 2.1608
*****								
9	* 1.7256	* 1.3171	* 1.7117	* 1.3247	* 1.7208	* 1.5019	* 1.2045	* 2.5465
	* 1.7808	* 1.4236	* 1.8104	* 1.4310	* 1.7901	* 1.5624	* 1.2725	* 2.5565
	* 1.6429	* 1.3840	* 1.7198	* 1.4130	* 1.7434	* 1.5970	* 1.3182	* 2.5150
	* 1.5567	* 1.3287	* 1.6289	* 1.3555	* 1.6619	* 1.5714	* 1.3328	* 2.4596
	* 1.5078	* 1.3000	* 1.5737	* 1.3031	* 1.5932	* 1.5417	* 1.3412	* 2.3686
	* 1.5060	* 1.3154	* 1.5653	* 1.2992	* 1.5685	* 1.5101	* 1.3501	* 2.1947
*****								
10	* 1.4847	* 1.7083	* 1.4067	* 1.4889	* 1.2805	* 1.5154	* 1.1981	* 2.6378
	* 1.5396	* 1.8068	* 1.5112	* 1.5542	* 1.3375	* 1.5673	* 1.2604	* 2.6453
	* 1.3627	* 1.7179	* 1.4974	* 1.4842	* 1.3470	* 1.5712	* 1.2965	* 2.5935
	* 1.2898	* 1.6272	* 1.4466	* 1.4162	* 1.3175	* 1.5396	* 1.3059	* 2.5328
	* 1.2679	* 1.5724	* 1.4121	* 1.3688	* 1.2748	* 1.5064	* 1.3169	* 2.4379
	* 1.2973	* 1.5637	* 1.4141	* 1.3631	* 1.2659	* 1.4901	* 1.3343	* 2.2581
*****								
11	* 1.8023	* 1.3239	* 1.4888	* 1.2665	* 1.3817	* 1.2710	* 1.1972	* 3.0197
	* 1.8426	* 1.4318	* 1.5550	* 1.3462	* 1.4427	* 1.3081	* 1.2519	* 3.0205
	* 1.7274	* 1.4133	* 1.4844	* 1.3668	* 1.4260	* 1.2669	* 1.2695	* 2.9480
	* 1.6304	* 1.3548	* 1.4161	* 1.2967	* 1.3828	* 1.2593	* 1.2742	* 2.8677
	* 1.5676	* 1.3025	* 1.3685	* 1.2533	* 1.3455	* 1.2605	* 1.2885	* 2.7267
	* 1.5553	* 1.2988	* 1.3627	* 1.2708	* 1.3472	* 1.2881	* 1.3320	* 2.5038
*****								
12	* 1.3412	* 1.7220	* 1.2851	* 1.3868	* 1.4789	* 1.2324	* 2.1382	*
	* 1.4015	* 1.7912	* 1.3425	* 1.4472	* 1.5526	* 1.3116	* 2.1393	*
	* 1.3594	* 1.7430	* 1.3505	* 1.4290	* 1.5525	* 1.3351	* 2.0601	*
	* 1.3190	* 1.6615	* 1.3183	* 1.3850	* 1.5078	* 1.3332	* 1.9888	*
	* 1.3114	* 1.5925	* 1.2750	* 1.3471	* 1.4542	* 1.3364	* 1.8949	*
	* 1.3297	* 1.5677	* 1.2658	* 1.3480	* 1.4165	* 1.3169	* 1.7669	*
*****								
13	* 1.6880	* 1.5047	* 1.5189	* 1.2787	* 1.2474	* 2.3123	* 3.4269	*
	* 1.7540	* 1.5648	* 1.5707	* 1.3151	* 1.3260	* 2.4012	* 3.4994	*
	* 1.7843	* 1.5990	* 1.5746	* 1.2712	* 1.3453	* 2.2766	* 3.3362	*
	* 1.7593	* 1.5726	* 1.5414	* 1.2622	* 1.3408	* 2.1490	* 3.1223	*
	* 1.7287	* 1.5424	* 1.5070	* 1.2618	* 1.3418	* 1.9995	* 2.8480	*
	* 1.6895	* 1.5104	* 1.4900	* 1.2897	* 1.3218	* 1.8586	* 2.5237	*
*****								
14	* 1.2720	* 1.2057	* 1.2010	* 1.2033	* 2.1542	* 3.6958	*	*
	* 1.3498	* 1.2737	* 1.2633	* 1.2579	* 2.1544	* 3.7593	*	*
	* 1.3592	* 1.3186	* 1.2982	* 1.2730	* 2.0707	* 3.5563	*	*
	* 1.3606	* 1.3326	* 1.3067	* 1.2761	* 1.9967	* 3.3084	*	*
	* 1.3586	* 1.3404	* 1.3167	* 1.2889	* 1.9005	* 2.9956	*	*
	* 1.3547	* 1.3492	* 1.3335	* 1.3315	* 1.7705	* 2.6254	*	*
*****								
15	* 2.5843	* 2.5439	* 2.6408	* 3.0310	* 4 EFPD	118 % POWER		
	* 2.5797	* 2.5532	* 2.6483	* 3.0312	* 50 EFPD	118 % POWER		
	* 2.4998	* 2.5088	* 2.5918	* 2.9528	* 175 EFPD	118 % POWER		
	* 2.4319	* 2.4529	* 2.5299	* 2.8663	* 250 EFPD	118 % POWER		
	* 2.3368	* 2.3618	* 2.4346	* 2.7225	* 350 EFPD	118 % POWER		
	* 2.1608	* 2.1843	* 2.2548	* 2.4986	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.9218	* 1.7602	* 1.4731	* 1.8318	* 1.3945	* 1.7444	* 1.3246	* 2.6346
	* 2.0690	* 1.8536	* 1.6094	* 1.9169	* 1.4911	* 1.8478	* 1.4388	* 2.6978
	* 1.9906	* 1.7253	* 1.4552	* 1.8135	* 1.4544	* 1.8777	* 1.4600	* 2.6338
	* 1.8711	* 1.6149	* 1.3592	* 1.6915	* 1.3876	* 1.8217	* 1.4346	* 2.5279
	* 1.7674	* 1.5316	* 1.3043	* 1.5944	* 1.3455	* 1.7526	* 1.3997	* 2.3801
	* 1.6890	* 1.4854	* 1.2896	* 1.5366	* 1.3195	* 1.6641	* 1.3483	* 2.1411
*****								
9	* 1.7602	* 1.3719	* 1.7630	* 1.3739	* 1.7707	* 1.5580	* 1.2587	* 2.6091
	* 1.8536	* 1.5103	* 1.8936	* 1.5071	* 1.8780	* 1.6461	* 1.3581	* 2.6820
	* 1.7253	* 1.4764	* 1.8067	* 1.5013	* 1.8288	* 1.6781	* 1.4156	* 2.6501
	* 1.6149	* 1.3989	* 1.6896	* 1.4300	* 1.7216	* 1.6254	* 1.4036	* 2.5550
	* 1.5316	* 1.3394	* 1.5991	* 1.3443	* 1.6193	* 1.5597	* 1.3792	* 2.4145
	* 1.4854	* 1.3078	* 1.5451	* 1.2959	* 1.5470	* 1.4845	* 1.3402	* 2.1736
*****								
10	* 1.4731	* 1.7597	* 1.4528	* 1.5279	* 1.3225	* 1.5708	* 1.2521	* 2.7041
	* 1.6094	* 1.8894	* 1.5844	* 1.6176	* 1.4148	* 1.6528	* 1.3464	* 2.7773
	* 1.4552	* 1.8049	* 1.5696	* 1.5527	* 1.4392	* 1.6503	* 1.3896	* 2.7360
	* 1.3592	* 1.6880	* 1.4948	* 1.4627	* 1.3838	* 1.5932	* 1.3798	* 2.6341
	* 1.3043	* 1.5977	* 1.4293	* 1.3846	* 1.3163	* 1.5288	* 1.3560	* 2.4889
	* 1.2896	* 1.5435	* 1.3876	* 1.3405	* 1.2604	* 1.4653	* 1.3250	* 2.2377
*****								
11	* 1.8318	* 1.3731	* 1.5278	* 1.3131	* 1.4295	* 1.3176	* 1.2487	* 3.1302
	* 1.9169	* 1.5080	* 1.6183	* 1.4242	* 1.5127	* 1.3881	* 1.3368	* 3.2029
	* 1.8135	* 1.5016	* 1.5529	* 1.4551	* 1.4956	* 1.3559	* 1.3633	* 3.1338
	* 1.6915	* 1.4293	* 1.4626	* 1.3635	* 1.4311	* 1.3238	* 1.3506	* 3.0019
	* 1.5944	* 1.3437	* 1.3843	* 1.2913	* 1.3652	* 1.2946	* 1.3283	* 2.8000
	* 1.5366	* 1.2955	* 1.3401	* 1.2632	* 1.3217	* 1.2764	* 1.3242	* 2.4936
*****								
12	* 1.3945	* 1.7719	* 1.3272	* 1.4336	* 1.5314	* 1.2888	* 2.1980	*
	* 1.4911	* 1.8792	* 1.4199	* 1.5169	* 1.6292	* 1.3975	* 2.2504	*
	* 1.4544	* 1.8288	* 1.4428	* 1.4987	* 1.6285	* 1.4255	* 2.1791	*
	* 1.3876	* 1.7213	* 1.3847	* 1.4328	* 1.5615	* 1.4028	* 2.0740	*
	* 1.3455	* 1.6187	* 1.3166	* 1.3669	* 1.4767	* 1.3755	* 1.9372	*
	* 1.3195	* 1.5463	* 1.2604	* 1.3228	* 1.3931	* 1.3149	* 1.7556	*
*****								
13	* 1.7444	* 1.5607	* 1.5745	* 1.3251	* 1.3042	* 2.4733	* 3.5903	*
	* 1.8478	* 1.6486	* 1.6564	* 1.3954	* 1.4128	* 2.6145	* 3.7234	*
	* 1.8777	* 1.6801	* 1.6540	* 1.3605	* 1.4367	* 2.4715	* 3.5370	*
	* 1.8217	* 1.6266	* 1.5953	* 1.3269	* 1.4112	* 2.2967	* 3.2624	*
	* 1.7526	* 1.5603	* 1.5294	* 1.2961	* 1.3816	* 2.0897	* 2.9090	*
	* 1.6641	* 1.4848	* 1.4653	* 1.2779	* 1.3205	* 1.8740	* 2.4969	*
*****								
14	* 1.3246	* 1.2600	* 1.2552	* 1.2551	* 2.2138	* 3.8811	*	*
	* 1.4388	* 1.3594	* 1.3494	* 1.3432	* 2.2662	* 4.0104	*	*
	* 1.4600	* 1.4161	* 1.3913	* 1.3670	* 2.1905	* 3.7843	*	*
	* 1.4346	* 1.4035	* 1.3807	* 1.3526	* 2.0826	* 3.4745	*	*
	* 1.3997	* 1.3785	* 1.3559	* 1.3288	* 1.9432	* 3.0808	*	*
	* 1.3483	* 1.3393	* 1.3243	* 1.3239	* 1.7597	* 2.6193	*	*
*****								
15	* 2.6346	* 2.6041	* 2.7072	* 3.1420	* 4 EFPD	118 % POWER		
	* 2.6978	* 2.6769	* 2.7799	* 3.2147	* 50 EFPD	118 % POWER		
	* 2.6338	* 2.6436	* 2.7343	* 3.1383	* 175 EFPD	118 % POWER		
	* 2.5279	* 2.5481	* 2.6313	* 3.0017	* 250 EFPD	118 % POWER		
	* 2.3801	* 2.4077	* 2.4856	* 2.7967	* 350 EFPD	118 % POWER		
	* 2.1411	* 2.1670	* 2.2345	* 2.4895	* 490 EFPD	118 % POWER		
*****								

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.2900	* 2.0031	* 1.4731	* 2.0852	* 1.4407	* 2.0569	* 1.4174	* 2.9479
	* 2.4987	* 2.1643	* 1.6371	* 2.2426	* 1.5990	* 2.2313	* 1.5875	* 3.1175
	* 2.3923	* 2.0524	* 1.6562	* 2.1463	* 1.6824	* 2.2611	* 1.7040	* 3.1138
	* 2.2094	* 1.8996	* 1.5838	* 1.9862	* 1.6277	* 2.1555	* 1.6928	* 2.9608
	* 2.0267	* 1.7560	* 1.5184	* 1.8305	* 1.5635	* 2.0107	* 1.6366	* 2.7252
	* 1.8494	* 1.6264	* 1.4493	* 1.6908	* 1.4768	* 1.8216	* 1.5221	* 2.3540
9	* 2.0031	* 1.5303	* 2.0680	* 1.5408	* 2.0648	* 1.8431	* 1.3838	* 2.9896
	* 2.1643	* 1.7096	* 2.2515	* 1.7136	* 2.2233	* 1.9865	* 1.5508	* 3.1626
	* 2.0524	* 1.7126	* 2.1473	* 1.7214	* 2.1649	* 2.0191	* 1.6732	* 3.1750
	* 1.8996	* 1.6261	* 1.9882	* 1.6341	* 2.0168	* 1.9196	* 1.6669	* 3.0246
	* 1.7560	* 1.5384	* 1.8359	* 1.5385	* 1.8540	* 1.7857	* 1.6186	* 2.7885
	* 1.6264	* 1.4451	* 1.6984	* 1.4319	* 1.6978	* 1.6169	* 1.5114	* 2.4142
10	* 1.4731	* 2.0642	* 1.7180	* 1.7487	* 1.4631	* 1.8416	* 1.3820	* 3.0813
	* 1.6371	* 2.2476	* 1.8930	* 1.8904	* 1.6159	* 1.9722	* 1.5457	* 3.2577
	* 1.6562	* 2.1454	* 1.8635	* 1.8402	* 1.6600	* 1.9723	* 1.6579	* 3.2672
	* 1.5838	* 1.9866	* 1.7415	* 1.7162	* 1.5916	* 1.8749	* 1.6450	* 3.1121
	* 1.5184	* 1.8338	* 1.6138	* 1.5843	* 1.4968	* 1.7500	* 1.5988	* 2.8701
	* 1.4493	* 1.6967	* 1.4943	* 1.4629	* 1.3947	* 1.6026	* 1.4963	* 2.4894
11	* 2.0852	* 1.5406	* 1.7498	* 1.4368	* 1.6595	* 1.3476	* 1.4331	* 3.6398
	* 2.2426	* 1.7133	* 1.8915	* 1.5896	* 1.7945	* 1.4938	* 1.5852	* 3.8295
	* 2.1463	* 1.7209	* 1.8406	* 1.6336	* 1.7853	* 1.5894	* 1.6534	* 3.7975
	* 1.9862	* 1.6334	* 1.7161	* 1.5637	* 1.6836	* 1.5666	* 1.6246	* 3.5943
	* 1.8305	* 1.5378	* 1.5840	* 1.4848	* 1.5659	* 1.5169	* 1.5740	* 3.2773
	* 1.6908	* 1.4315	* 1.4625	* 1.3991	* 1.4447	* 1.4350	* 1.4940	* 2.8132
12	* 1.4407	* 2.0662	* 1.4659	* 1.6638	* 1.8117	* 1.5233	* 2.4965	*
	* 1.5990	* 2.2247	* 1.6191	* 1.7989	* 1.9552	* 1.6966	* 2.6353	*
	* 1.6824	* 2.1653	* 1.6618	* 1.7887	* 1.9461	* 1.7497	* 2.6054	*
	* 1.6277	* 2.0166	* 1.5926	* 1.6862	* 1.8343	* 1.6945	* 2.4588	*
	* 1.5635	* 1.8534	* 1.4972	* 1.5677	* 1.6958	* 1.6132	* 2.2573	*
	* 1.4768	* 1.6971	* 1.3947	* 1.4459	* 1.5254	* 1.4567	* 1.9732	*
13	* 2.0569	* 1.8461	* 1.8479	* 1.3537	* 1.5409	* 3.0716	* 4.2816	*
	* 2.2313	* 1.9896	* 1.9787	* 1.5009	* 1.7148	* 3.3089	* 4.4997	*
	* 2.2611	* 2.0214	* 1.9763	* 1.5941	* 1.7633	* 3.1212	* 4.2493	*
	* 2.1555	* 1.9210	* 1.8772	* 1.5698	* 1.7049	* 2.8500	* 3.8539	*
	* 2.0107	* 1.7864	* 1.7508	* 1.5186	* 1.6219	* 2.5200	* 3.3404	*
	* 1.8216	* 1.6171	* 1.6027	* 1.4359	* 1.4629	* 2.1552	* 2.7425	*
14	* 1.4174	* 1.3853	* 1.3850	* 1.4401	* 2.5142	* 4.6341	*	*
	* 1.5875	* 1.5523	* 1.5486	* 1.5921	* 2.6535	* 4.8683	*	*
	* 1.7040	* 1.6737	* 1.6598	* 1.6576	* 2.6188	* 4.5757	*	*
	* 1.6928	* 1.6667	* 1.6459	* 1.6269	* 2.4689	* 4.1329	*	*
	* 1.6366	* 1.6177	* 1.5988	* 1.5749	* 2.2642	* 3.5618	*	*
	* 1.5221	* 1.5104	* 1.4958	* 1.4939	* 1.9779	* 2.8947	*	*
15	* 2.9479	* 2.9813	* 3.0826	* 3.6541	* 4 EFPD	118 % POWER		
	* 3.1175	* 3.1546	* 3.2588	* 3.8440	* 50 EFPD	118 % POWER		
	* 3.1138	* 3.1640	* 3.2653	* 3.8063	* 175 EFPD	118 % POWER		
	* 2.9608	* 3.0137	* 3.1089	* 3.5997	* 250 EFPD	118 % POWER		
	* 2.7252	* 2.7784	* 2.8664	* 3.2782	* 350 EFPD	118 % POWER		
	* 2.3540	* 2.4066	* 2.4860	* 2.8124	* 490 EFPD	118 % POWER		



Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 5.1414	* 4.6427	* 3.6175	* 4.5820	* 3.6073	* 4.6526	* 3.8359	* 6.9186
	* 5.6417	* 5.0742	* 4.0699	* 4.9906	* 4.0410	* 5.0879	* 4.3313	* 7.4240
	* 5.2546	* 4.7302	* 4.0283	* 4.6904	* 4.1376	* 5.0196	* 4.4730	* 7.3126
	* 4.6981	* 4.2481	* 3.7295	* 4.2227	* 3.8647	* 4.6225	* 4.2702	* 6.7567
	* 4.0824	* 3.7196	* 3.3778	* 3.6946	* 3.4903	* 4.0771	* 3.8724	* 5.9080
	* 3.4180	* 3.1512	* 2.9398	* 3.1295	* 2.9945	* 3.3802	* 3.2555	* 4.6870
9	* 4.6427	* 3.7385	* 4.5910	* 3.5970	* 4.5193	* 4.5397	* 3.7855	* 7.0506
	* 5.0742	* 4.2276	* 5.0200	* 4.0610	* 4.9209	* 4.9434	* 4.2683	* 7.5620
	* 4.7301	* 4.1571	* 4.7090	* 4.0434	* 4.7131	* 4.8370	* 4.4090	* 7.4647
	* 4.2481	* 3.8350	* 4.2360	* 3.7557	* 4.2695	* 4.4333	* 4.2127	* 6.9055
	* 3.7196	* 3.4500	* 3.7068	* 3.3758	* 3.7343	* 3.8918	* 3.8294	* 6.0428
	* 3.1512	* 2.9855	* 3.1442	* 2.9176	* 3.1411	* 3.2267	* 3.2305	* 4.8069
10	* 3.6175	* 4.5857	* 4.2925	* 4.1972	* 3.4552	* 4.3431	* 3.7901	* 7.2175
	* 4.0699	* 5.0150	* 4.7426	* 4.5749	* 3.8748	* 4.6983	* 4.2602	* 7.7310
	* 4.0283	* 4.7046	* 4.5070	* 4.3660	* 3.9133	* 4.5839	* 4.3771	* 7.6257
	* 3.7295	* 4.2321	* 4.0592	* 3.9451	* 3.6603	* 4.2082	* 4.1733	* 7.0533
	* 3.3778	* 3.7037	* 3.5468	* 3.4533	* 3.3089	* 3.7126	* 3.7992	* 6.1715
	* 2.9398	* 3.1418	* 3.0006	* 2.9243	* 2.8646	* 3.1060	* 3.2169	* 4.9071
11	* 4.5820	* 3.5981	* 4.2010	* 3.4079	* 4.0942	* 3.4666	* 3.9579	* 8.4131
	* 4.9906	* 4.0621	* 4.5797	* 3.8288	* 4.4534	* 3.8753	* 4.4071	* 8.9620
	* 4.6904	* 4.0434	* 4.3671	* 3.8826	* 4.2931	* 3.9683	* 4.4198	* 8.7305
	* 4.2227	* 3.7550	* 3.9453	* 3.6232	* 3.9038	* 3.7594	* 4.1579	* 8.0218
	* 3.6946	* 3.3749	* 3.4528	* 3.2809	* 3.4338	* 3.4117	* 3.7687	* 6.9461
	* 3.1295	* 2.9168	* 2.9237	* 2.8490	* 2.8956	* 2.9250	* 3.2445	* 5.4840
12	* 3.6073	* 4.5229	* 3.4614	* 4.1034	* 4.4534	* 3.9522	* 5.8149	
	* 4.0410	* 4.9246	* 3.8819	* 4.4613	* 4.8345	* 4.4127	* 6.2198	
	* 4.1376	* 4.7146	* 3.9175	* 4.2997	* 4.6593	* 4.3686	* 6.0491	
	* 3.8647	* 4.2692	* 3.6628	* 3.9083	* 4.2356	* 4.0617	* 5.5451	
	* 3.4903	* 3.7335	* 3.3096	* 3.4371	* 3.6981	* 3.6291	* 4.8353	
	* 2.9945	* 3.1402	* 2.8648	* 2.8982	* 3.0628	* 3.0428	* 3.8838	
13	* 4.6526	* 4.5484	* 4.3587	* 3.4817	* 3.9874	* 5.1773	* 10.4993	
	* 5.0879	* 4.9524	* 4.7144	* 3.8933	* 4.4505	* 5.7126	* 11.0882	
	* 5.0196	* 4.8420	* 4.5927	* 3.9800	* 4.3976	* 5.4148	* 10.1951	
	* 4.6225	* 4.4360	* 4.2133	* 3.7678	* 4.0843	* 4.8745	* 8.9646	
	* 4.0771	* 3.8930	* 3.7149	* 3.4164	* 3.6462	* 4.1834	* 7.3773	
	* 3.3802	* 3.2269	* 3.1066	* 2.9275	* 3.0547	* 3.3654	* 5.5544	
14	* 3.8359	* 3.7898	* 3.7981	* 3.9765	* 5.8565	* 10.9874		
	* 4.3313	* 4.2728	* 4.2685	* 4.4268	* 6.2625	* 11.6027		
	* 4.4730	* 4.4106	* 4.3803	* 4.4318	* 6.0808	* 10.6263		
	* 4.2702	* 4.2124	* 4.1737	* 4.1650	* 5.5690	* 9.3104		
	* 3.8724	* 3.8276	* 3.7999	* 3.7718	* 4.8517	* 7.6248		
	* 3.2555	* 3.2284	* 3.2153	* 3.2454	* 3.8946	* 5.6950		
15	* 6.9186	* 7.0327	* 7.2213	* 8.4477	* 4 EFPD	118 % POWER		
	* 7.4240	* 7.5426	* 7.7343	* 8.9974	* 50 EFPD	118 % POWER		
	* 7.3126	* 7.4424	* 7.6220	* 8.7521	* 175 EFPD	118 % POWER		
	* 6.7567	* 6.8835	* 7.0465	* 8.0362	* 250 EFPD	118 % POWER		
	* 5.9080	* 6.0229	* 6.1640	* 6.9503	* 350 EFPD	118 % POWER		
	* 4.6870	* 4.7902	* 4.9005	* 5.4836	* 490 EFPD	118 % POWER		

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-3

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.0917	1.1738	1.2537	1.1311	1.3745	1.1903	1.3917	0.7202
	1.6032	1.5172	1.4363	1.5343	1.3050	1.4708	1.2803	2.3150
9	1.1738	1.3889	1.1808	1.3794	1.1744	1.3170	1.4527	0.7214
	1.5172	1.2970	1.5171	1.3221	1.4999	1.3618	1.2311	2.3143
10	1.2537	1.1826	1.4038	1.3439	1.4125	1.2888	1.4502	0.6951
	1.4363	1.5151	1.2812	1.3357	1.2993	1.4018	1.2447	2.4639
11	1.1311	1.3800	1.3439	1.4284	1.4103	1.4027	1.4358	0.6113
	1.5343	1.3216	1.3357	1.2795	1.2954	1.3045	1.2758	2.8481
12	1.3745	1.1737	1.4081	1.4070	1.3196	1.4251	0.8617	
	1.3050	1.5006	1.3032	1.2984	1.3499	1.2774	2.0535	
13	1.1903	1.3148	1.2867	1.3958	1.4109	0.7750	0.5421	
	1.4708	1.3634	1.4035	1.3112	1.2900	2.2730	3.1238	
14	1.3917	1.4516	1.4475	1.4300	0.8564	0.5075		
	1.2803	1.2316	1.2463	1.2806	2.0652	3.3232		
15	0.7202	0.7226	0.6950	0.6093	F-DEL-H			
	2.3150	2.3097	2.4629	2.8543	M-DEL-H			

AT 100% POWER, 50 EFPD

	H	G	F	E	D	C	B	A
8	1.0443	1.1524	1.2768	1.1195	1.3757	1.1541	1.3883	0.7273
	1.6747	1.5664	1.4355	1.5976	1.3003	1.5370	1.2796	2.3391
9	1.1524	1.3525	1.1343	1.3514	1.1420	1.2763	1.4597	0.7246
	1.5664	1.3561	1.5948	1.3412	1.5621	1.3950	1.2231	2.3508
10	1.2768	1.1361	1.3345	1.3059	1.4188	1.2640	1.4662	0.7003
	1.4355	1.5923	1.3643	1.3919	1.2963	1.4385	1.2476	2.4900
11	1.1195	1.3506	1.3053	1.4101	1.3768	1.4431	1.4582	0.6174
	1.5976	1.3418	1.3925	1.2975	1.3270	1.2719	1.2551	2.8584
12	1.3757	1.1413	1.4144	1.3738	1.2809	1.4218	0.8696	
	1.3003	1.5628	1.3001	1.3299	1.4072	1.2793	2.0349	
13	1.1541	1.2746	1.2618	1.4368	1.4085	0.7849	0.5377	
	1.5370	1.3963	1.4405	1.2773	1.2908	2.2750	3.2101	
14	1.3883	1.4586	1.4635	1.4525	0.8644	0.5054		
	1.2796	1.2236	1.2491	1.2596	2.0461	3.4047		
15	0.7273	0.7258	0.7001	0.6154	F-DEL-H			
	2.3391	2.3462	2.4891	2.8664	M-DEL-H			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 175 EFPD

	H	G	F	E	D	C	B	A
8	1.0294	1.1727	1.4216	1.1279	1.4199	1.0825	1.3665	0.7138
	1.7127	1.5506	1.2921	1.5726	1.2654	1.6047	1.2894	2.3679
9	1.1727	1.3941	1.1316	1.3706	1.1196	1.1958	1.4014	0.7029
	1.5506	1.3265	1.6082	1.3254	1.5776	1.4651	1.2658	2.4059
10	1.4216	1.1327	1.2830	1.2946	1.4212	1.2106	1.4131	0.6822
	1.2921	1.6068	1.4169	1.3982	1.2937	1.4862	1.2705	2.4962
11	1.1279	1.3701	1.2943	1.4240	1.3294	1.4816	1.4097	0.6056
	1.5726	1.3257	1.3984	1.2895	1.3500	1.2360	1.2877	2.8591
12	1.4199	1.1195	1.4199	1.3273	1.2220	1.3877	0.8629	
	1.2654	1.5774	1.2949	1.3520	1.4451	1.3063	2.0397	
13	1.0825	1.1944	1.2085	1.4770	1.3783	0.8084	0.5413	
	1.6047	1.4664	1.4887	1.2396	1.3149	2.1697	3.1230	
14	1.3665	1.4010	1.4109	1.4061	0.8590	0.5115		
	1.2894	1.2658	1.2710	1.2906	2.0484	3.2925		
15	0.7138	0.7043	0.6825	0.6045	F-DEL-H			
	2.3679	2.3977	2.4943	2.8620	M-DEL-H			

AT 100% POWER, 250 EFPD

	H	G	F	E	D	C	B	A
8	1.0290	1.1774	1.4579	1.1366	1.4268	1.0545	1.3467	0.7072
	1.7152	1.5260	1.2633	1.5688	1.2428	1.6147	1.2866	2.3375
9	1.1774	1.4172	1.1367	1.4045	1.1218	1.1672	1.3719	0.6940
	1.5260	1.2970	1.5821	1.2982	1.5789	1.4722	1.2920	2.3812
10	1.4579	1.1378	1.2698	1.2952	1.4381	1.1876	1.3863	0.6743
	1.2633	1.5809	1.3963	1.3803	1.2644	1.4855	1.2950	2.4716
11	1.1366	1.4048	1.2952	1.4650	1.3141	1.4719	1.3839	0.6022
	1.5688	1.2979	1.3804	1.2396	1.3422	1.2261	1.2972	2.8500
12	1.4268	1.1220	1.4372	1.3125	1.2042	1.3712	0.8634	
	1.2428	1.5786	1.2652	1.3437	1.4391	1.3022	1.9974	
13	1.0545	1.1662	1.1864	1.4687	1.3638	0.8320	0.5565	
	1.6147	1.4732	1.4873	1.2289	1.3091	2.0744	3.0328	
14	1.3467	1.3720	1.3852	1.3816	0.8603	0.5269		
	1.2866	1.2917	1.2950	1.2994	2.0044	3.1915		
15	0.7072	0.6955	0.6748	0.6019	F-DEL-H			
	2.3375	2.3733	2.4692	2.8508	M-DEL-H			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 350 EFPD

	H	G	F	E	D	C	B	A
8	1.0202	1.1634	1.4525	1.1302	1.4102	1.0325	1.3261	0.7124
	1.7259	1.5401	1.2303	1.5488	1.2334	1.6469	1.2822	2.3197
9	1.1634	1.4186	1.1271	1.4250	1.1188	1.1441	1.3421	0.6980
	1.5401	1.2735	1.5684	1.2417	1.5547	1.4994	1.2758	2.3162
10	1.4525	1.1284	1.2478	1.2826	1.4502	1.1658	1.3582	0.6788
	1.2303	1.5668	1.4171	1.3788	1.2343	1.5094	1.2825	2.4526
11	1.1302	1.4254	1.2828	1.4759	1.2915	1.4460	1.3576	0.6116
	1.5488	1.2415	1.3786	1.2103	1.3604	1.2232	1.2960	2.7761
12	1.4102	1.1191	1.4497	1.2904	1.1864	1.3545	0.8744	
	1.2334	1.5543	1.2345	1.3615	1.4539	1.2955	1.9707	
13	1.0325	1.1435	1.1653	1.4441	1.3495	0.8734	0.5890	
	1.6469	1.5000	1.5103	1.2249	1.3002	1.9782	2.8735	
14	1.3261	1.3426	1.3579	1.3565	0.8720	0.5592		
	1.2822	1.2754	1.2821	1.2973	1.9759	2.9535		
15	0.7124	0.7001	0.6795	0.6117	F-DEL-H			
	2.3197	2.3083	2.4499	2.7745	M-DEL-H			

AT 100% POWER, 490 EFPD

	H	G	F	E	D	C	B	A
8	1.0039	1.1298	1.4012	1.1039	1.3684	1.0231	1.3177	0.7437
	1.7086	1.5491	1.2487	1.5513	1.2481	1.6358	1.2762	2.1895
9	1.1298	1.3822	1.0994	1.4024	1.0991	1.1287	1.3246	0.7288
	1.5491	1.2799	1.5717	1.2388	1.5517	1.4945	1.2775	2.2259
10	1.4012	1.1005	1.2089	1.2420	1.4349	1.1415	1.3378	0.7086
	1.2487	1.5703	1.4296	1.3928	1.2238	1.5139	1.2837	2.3108
11	1.1039	1.4026	1.2423	1.4329	1.2510	1.4011	1.3364	0.6450
	1.5513	1.2386	1.3925	1.2220	1.3736	1.2399	1.2982	2.5918
12	1.3684	1.0995	1.4349	1.2507	1.1732	1.3544	0.9022	
	1.2481	1.5512	1.2240	1.3742	1.4364	1.2973	1.8755	
13	1.0231	1.1284	1.1415	1.4005	1.3501	0.9324	0.6442	
	1.6358	1.4948	1.5143	1.2409	1.3014	1.8316	2.5795	
14	1.3177	1.3252	1.3381	1.3363	0.9006	0.6143		
	1.2762	1.2769	1.2831	1.2987	1.8787	2.6952		
15	0.7437	0.7316	0.7094	0.6454	F-DEL-H			
	2.1895	2.2183	2.3080	2.5894	M-DEL-H			

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TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9976	* 1.1570	* 1.2461	* 1.1409	* 1.3991	* 1.2113	* 1.4234	* 0.7283
	* 1.9935	* 1.8852	* 1.7288	* 1.7721	* 1.4784	* 1.6802	* 1.4574	* 2.6695
9	* 1.1570	* 1.3932	* 1.1850	* 1.3931	* 1.1915	* 1.3423	* 1.4885	* 0.7285
	* 1.8852	* 1.5741	* 1.7879	* 1.5407	* 1.7195	* 1.5334	* 1.4049	* 2.6690
10	* 1.2461	* 1.1872	* 1.4197	* 1.3622	* 1.4183	* 1.3118	* 1.4786	* 0.7005
	* 1.7288	* 1.7852	* 1.5059	* 1.5676	* 1.5323	* 1.6021	* 1.4353	* 2.8045
11	* 1.1409	* 1.3938	* 1.3622	* 1.4134	* 1.3896	* 1.4046	* 1.4457	* 0.6103
	* 1.7721	* 1.5401	* 1.5674	* 1.5214	* 1.5311	* 1.5550	* 1.5183	* 3.3579
12	* 1.3991	* 1.1907	* 1.4137	* 1.3861	* 1.2398	* 1.3828	* 0.8463	
	* 1.4784	* 1.7203	* 1.5337	* 1.5350	* 1.6161	* 1.5189	* 2.4993	
13	* 1.2113	* 1.3399	* 1.3095	* 1.3995	* 1.3685	* 0.7313	* 0.5142	
	* 1.6802	* 1.5350	* 1.6034	* 1.5630	* 1.5344	* 2.7995	* 3.9282	
14	* 1.4234	* 1.4873	* 1.4757	* 1.4397	* 0.8409	* 0.4809	*	
	* 1.4574	* 1.4054	* 1.4368	* 1.5223	* 2.5139	* 4.1759	*	
15	* 0.7283	* 0.7299	* 0.7004	* 0.6082	F-DEL-H			
	* 2.6695	* 2.6621	* 2.8028	* 3.3637	M-DEL-H			

AT 75% POWER, 50 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9615	* 1.1356	* 1.2736	* 1.1284	* 1.4000	* 1.1729	* 1.4199	* 0.7364
	* 2.0904	* 1.9248	* 1.6842	* 1.8249	* 1.4883	* 1.7419	* 1.4853	* 2.7170
9	* 1.1356	* 1.3533	* 1.1380	* 1.3661	* 1.1570	* 1.3033	* 1.4971	* 0.7327
	* 1.9248	* 1.6162	* 1.8575	* 1.5574	* 1.7730	* 1.5813	* 1.4183	* 2.7283
10	* 1.2736	* 1.1401	* 1.3448	* 1.3213	* 1.4257	* 1.2859	* 1.4970	* 0.7066
	* 1.6842	* 1.8547	* 1.5846	* 1.6092	* 1.5640	* 1.6500	* 1.4483	* 2.8488
11	* 1.1284	* 1.3653	* 1.3207	* 1.3996	* 1.3548	* 1.4458	* 1.4714	* 0.6174
	* 1.8249	* 1.5580	* 1.6095	* 1.5411	* 1.5690	* 1.5416	* 1.5224	* 3.3429
12	* 1.4000	* 1.1563	* 1.4212	* 1.3517	* 1.2086	* 1.3801	* 0.8559	
	* 1.4883	* 1.7738	* 1.5676	* 1.5724	* 1.6660	* 1.5519	* 2.4803	
13	* 1.1729	* 1.3015	* 1.2836	* 1.4392	* 1.3667	* 0.7413	* 0.5107	
	* 1.7419	* 1.5825	* 1.6513	* 1.5484	* 1.5668	* 2.8199	* 3.9676	
14	* 1.4199	* 1.4960	* 1.4941	* 1.4654	* 0.8506	* 0.4796	*	
	* 1.4853	* 1.4187	* 1.4497	* 1.5259	* 2.4945	* 4.2011	*	
15	* 0.7364	* 0.7340	* 0.7065	* 0.6153	F-DEL-H			
	* 2.7170	* 2.7229	* 2.8472	* 3.3488	M-DEL-H			

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TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 175 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9620	* 1.1642	* 1.4374	* 1.1388	* 1.4486	* 1.0998	* 1.4024	* 0.7239
	* 2.1383	* 1.8996	* 1.5078	* 1.8250	* 1.4411	* 1.8459	* 1.4737	* 2.7531
9	* 1.1642	* 1.3985	* 1.1348	* 1.3912	* 1.1334	* 1.2153	* 1.4359	* 0.7113
	* 1.8996	* 1.5935	* 1.8724	* 1.5370	* 1.8254	* 1.6913	* 1.4478	* 2.7950
10	* 1.4374	* 1.1364	* 1.2962	* 1.3138	* 1.4286	* 1.2170	* 1.4393	* 0.6887
	* 1.5078	* 1.8701	* 1.6518	* 1.6202	* 1.5488	* 1.7364	* 1.4679	* 2.9050
11	* 1.1388	* 1.3908	* 1.3135	* 1.4276	* 1.3123	* 1.4822	* 1.4191	* 0.6049
	* 1.8250	* 1.5365	* 1.6202	* 1.5610	* 1.6198	* 1.4929	* 1.5430	* 3.3835
12	* 1.4486	* 1.1333	* 1.4273	* 1.3105	* 1.1554	* 1.3357	* 0.8463	
	* 1.4411	* 1.8252	* 1.5490	* 1.6224	* 1.7347	* 1.5843	* 2.4785	
13	* 1.0998	* 1.2139	* 1.2149	* 1.4776	* 1.3263	* 0.7566	* 0.5107	
	* 1.8459	* 1.6925	* 1.7370	* 1.4979	* 1.5958	* 2.6750	* 3.9325	
14	* 1.4024	* 1.4355	* 1.4382	* 1.4155	* 0.8425	* 0.4822	*	
	* 1.4737	* 1.4478	* 1.4683	* 1.5452	* 2.4898	* 4.1438	*	
15	* 0.7239	* 0.7135	* 0.6890	* 0.6038	F-DEL-H			
	* 2.7531	* 2.7854	* 2.9026	* 3.3859	M-DEL-H			

AT 75% POWER, 250 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9659	* 1.1730	* 1.4833	* 1.1527	* 1.4612	* 1.0728	* 1.3832	* 0.7177
	* 2.1375	* 1.8863	* 1.4573	* 1.8206	* 1.4283	* 1.8898	* 1.4861	* 2.7720
9	* 1.1730	* 1.4275	* 1.1473	* 1.4369	* 1.1395	* 1.1868	* 1.4062	* 0.7025
	* 1.8863	* 1.5607	* 1.8542	* 1.4878	* 1.8292	* 1.7269	* 1.4648	* 2.8250
10	* 1.4833	* 1.1488	* 1.2868	* 1.3187	* 1.4571	* 1.1941	* 1.4106	* 0.6806
	* 1.4573	* 1.8522	* 1.6652	* 1.6131	* 1.4942	* 1.7787	* 1.4786	* 2.9300
11	* 1.1527	* 1.4373	* 1.3187	* 1.4731	* 1.3027	* 1.4703	* 1.3916	* 0.6006
	* 1.8206	* 1.4876	* 1.6130	* 1.4829	* 1.6308	* 1.4682	* 1.5500	* 3.3899
12	* 1.4612	* 1.1397	* 1.4562	* 1.3014	* 1.1358	* 1.3112	* 0.8440	
	* 1.4283	* 1.8289	* 1.4948	* 1.6330	* 1.7530	* 1.5699	* 2.4685	
13	* 1.0728	* 1.1859	* 1.1929	* 1.4671	* 1.3038	* 0.7733	* 0.5221	
	* 1.8898	* 1.7280	* 1.7797	* 1.4719	* 1.5792	* 2.5973	* 3.8319	
14	* 1.3832	* 1.4063	* 1.4103	* 1.3894	* 0.8409	* 0.4940	*	
	* 1.4861	* 1.4645	* 1.4785	* 1.5514	* 2.4780	* 4.0304	*	
15	* 0.7177	* 0.7049	* 0.6812	* 0.6004	F-DEL-H			
	* 2.7720	* 2.8145	* 2.9270	* 3.3885	M-DEL-H			

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TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 350 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9562	* 1.1614	* 1.4858	* 1.1525	* 1.4517	* 1.0545	* 1.3674	* 0.7256
	* 2.0960	* 1.8582	* 1.4493	* 1.7900	* 1.4385	* 1.8944	* 1.5071	* 2.6996
9	* 1.1614	* 1.4309	* 1.1450	* 1.4675	* 1.1419	* 1.1665	* 1.3791	* 0.7101
	* 1.8582	* 1.5475	* 1.8181	* 1.4552	* 1.7928	* 1.7257	* 1.4941	* 2.7499
10	* 1.4858	* 1.1463	* 1.2691	* 1.3112	* 1.4787	* 1.1726	* 1.3823	* 0.6867
	* 1.4493	* 1.8164	* 1.6473	* 1.5885	* 1.4645	* 1.7719	* 1.5050	* 2.8513
11	* 1.1525	* 1.4680	* 1.3114	* 1.4870	* 1.2812	* 1.4401	* 1.3632	* 0.6101
	* 1.7900	* 1.4549	* 1.5882	* 1.4635	* 1.6517	* 1.4851	* 1.5713	* 3.2624
12	* 1.4517	* 1.1423	* 1.4785	* 1.2805	* 1.1103	* 1.2843	* 0.8508	
	* 1.4385	* 1.7923	* 1.4645	* 1.6533	* 1.7732	* 1.5824	* 2.3833	
13	* 1.0545	* 1.1660	* 1.1722	* 1.4385	* 1.2792	* 0.8032	* 0.5484	
	* 1.8944	* 1.7263	* 1.7721	* 1.4877	* 1.5891	* 2.4791	* 3.5538	
14	* 1.3674	* 1.3797	* 1.3828	* 1.3624	* 0.8487	* 0.5203	*	
	* 1.5071	* 1.4935	* 1.5044	* 1.5717	* 2.3902	* 3.7241	*	
15	* 0.7256	* 0.7130	* 0.6876	* 0.6103	F-DEL-H			
	* 2.6996	* 2.7397	* 2.8481	* 3.2601	M-DEL-H			

AT 75% POWER, 490 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9270	* 1.1266	* 1.4404	* 1.1339	* 1.4192	* 1.0541	* 1.3723	* 0.7655
	* 2.1111	* 1.8942	* 1.4575	* 1.8136	* 1.4480	* 1.9141	* 1.4904	* 2.6023
9	* 1.1266	* 1.3995	* 1.1244	* 1.4506	* 1.1289	* 1.1583	* 1.3718	* 0.7499
	* 1.8942	* 1.5355	* 1.8426	* 1.4407	* 1.8126	* 1.7493	* 1.4876	* 2.6482
10	* 1.4404	* 1.1256	* 1.2339	* 1.2747	* 1.4597	* 1.1495	* 1.3701	* 0.7229
	* 1.4575	* 1.8410	* 1.6872	* 1.6220	* 1.4457	* 1.7974	* 1.5000	* 2.7438
11	* 1.1339	* 1.4510	* 1.2751	* 1.4416	* 1.2322	* 1.3900	* 1.3427	* 0.6462
	* 1.8136	* 1.4405	* 1.6216	* 1.4644	* 1.6536	* 1.4927	* 1.5586	* 3.0917
12	* 1.4192	* 1.1294	* 1.4599	* 1.2320	* 1.0717	* 1.2715	* 0.8736	
	* 1.4480	* 1.8119	* 1.4454	* 1.6543	* 1.7409	* 1.5456	* 2.3032	
13	* 1.0541	* 1.1581	* 1.1498	* 1.3899	* 1.2679	* 0.8451	* 0.5940	
	* 1.9141	* 1.7495	* 1.7969	* 1.4945	* 1.5511	* 2.2795	* 3.2541	
14	* 1.3723	* 1.3726	* 1.3710	* 1.3430	* 0.8723	* 0.5660	*	
	* 1.4904	* 1.4871	* 1.4992	* 1.5582	* 2.3077	* 3.3967	*	
15	* 0.7655	* 0.7529	* 0.7239	* 0.6468	F-DEL-H			
	* 2.6023	* 2.6384	* 2.7401	* 3.0886	M-DEL-H			

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TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9529	* 1.1395	* 1.2447	* 1.1518	* 1.4259	* 1.2342	* 1.4592	* 0.7389
	* 1.9368	* 1.8350	* 1.7563	* 1.8034	* 1.5132	* 1.6743	* 1.4801	* 2.7310
9	* 1.1395	* 1.3966	* 1.1921	* 1.4071	* 1.2101	* 1.3696	* 1.5286	* 0.7380
	* 1.8350	* 1.5794	* 1.7834	* 1.5534	* 1.7142	* 1.5243	* 1.4225	* 2.7278
10	* 1.2447	* 1.1944	* 1.4349	* 1.3809	* 1.4227	* 1.3366	* 1.5095	* 0.7079
	* 1.7563	* 1.7811	* 1.4921	* 1.5545	* 1.5535	* 1.6026	* 1.4714	* 2.8704
11	* 1.1518	* 1.4077	* 1.3809	* 1.4266	* 1.3657	* 1.4087	* 1.4546	* 0.6102
	* 1.8034	* 1.5529	* 1.5543	* 1.5117	* 1.4677	* 1.5491	* 1.5145	* 3.4401
12	* 1.4259	* 1.2092	* 1.4184	* 1.3627	* 1.1987	* 1.3306	* 0.8298	*
	* 1.5132	* 1.7151	* 1.5579	* 1.4714	* 1.5714	* 1.5056	* 2.4220	*
13	* 1.2342	* 1.3674	* 1.3342	* 1.4035	* 1.3166	* 0.6831	* 0.4849	*
	* 1.6743	* 1.5261	* 1.6039	* 1.5571	* 1.5212	* 2.7989	* 3.8577	*
14	* 1.4592	* 1.5273	* 1.5065	* 1.4485	* 0.8246	* 0.4533	*	*
	* 1.4801	* 1.4230	* 1.4722	* 1.5208	* 2.4363	* 4.0902	*	*
15	* 0.7389	* 0.7394	* 0.7078	* 0.6082	F-DEL-H			
	* 2.7310	* 2.7197	* 2.8688	* 3.4459	M-DEL-H			

AT 50% POWER, 50 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9142	* 1.1177	* 1.2764	* 1.1398	* 1.4285	* 1.1984	* 1.4580	* 0.7494
	* 2.0536	* 1.8927	* 1.7681	* 1.9029	* 1.5311	* 1.7834	* 1.5047	* 2.8264
9	* 1.1177	* 1.3539	* 1.1428	* 1.3828	* 1.1750	* 1.3348	* 1.5411	* 0.7443
	* 1.8927	* 1.6569	* 1.9110	* 1.6204	* 1.8360	* 1.6195	* 1.4331	* 2.8406
10	* 1.2764	* 1.1449	* 1.3556	* 1.3381	* 1.4307	* 1.3106	* 1.5318	* 0.7160
	* 1.7681	* 1.9085	* 1.6094	* 1.6157	* 1.5409	* 1.6906	* 1.4722	* 2.9785
11	* 1.1398	* 1.3820	* 1.3374	* 1.4001	* 1.3364	* 1.4446	* 1.4833	* 0.6187
	* 1.9029	* 1.6214	* 1.6173	* 1.5279	* 1.5346	* 1.5033	* 1.4872	* 3.5114
12	* 1.4285	* 1.1742	* 1.4261	* 1.3335	* 1.1602	* 1.3244	* 0.8401	*
	* 1.5311	* 1.8369	* 1.5462	* 1.5380	* 1.6206	* 1.5092	* 2.4569	*
13	* 1.1984	* 1.3329	* 1.3082	* 1.4380	* 1.3112	* 0.6906	* 0.4812	*
	* 1.7834	* 1.6209	* 1.6922	* 1.5101	* 1.5240	* 2.7661	* 3.9939	*
14	* 1.4580	* 1.5399	* 1.5288	* 1.4771	* 0.8349	* 0.4518	*	*
	* 1.5047	* 1.4336	* 1.4742	* 1.4935	* 2.4720	* 4.2266	*	*
15	* 0.7494	* 0.7457	* 0.7159	* 0.6166	F-DEL-H			
	* 2.8264	* 2.8314	* 2.9771	* 3.5227	M-DEL-H			



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TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 175 EFPD

	H	G	F	E	D	C	B	A
8	* 0.8976	* 1.1548	* 1.4653	* 1.1665	* 1.4970	* 1.1325	* 1.4351	* 0.7405
	* 2.1072	* 1.9020	* 1.4911	* 1.8037	* 1.4155	* 1.8139	* 1.4384	* 2.7295
9	* 1.1548	* 1.4023	* 1.1493	* 1.4228	* 1.1609	* 1.2491	* 1.4886	* 0.7288
	* 1.9020	* 1.5869	* 1.8591	* 1.5110	* 1.8003	* 1.6524	* 1.4079	* 2.7203
10	* 1.4653	* 1.1510	* 1.2936	* 1.3409	* 1.4388	* 1.2302	* 1.4846	* 0.7042
	* 1.4911	* 1.8569	* 1.6328	* 1.5906	* 1.5205	* 1.6984	* 1.4271	* 2.8396
11	* 1.1665	* 1.4225	* 1.3407	* 1.4257	* 1.2977	* 1.4784	* 1.4324	* 0.6098
	* 1.8037	* 1.5106	* 1.5907	* 1.5071	* 1.5722	* 1.4316	* 1.5054	* 3.3923
12	* 1.4970	* 1.1611	* 1.4374	* 1.2961	* 1.0758	* 1.2413	* 0.8233	*
	* 1.4155	* 1.8002	* 1.5216	* 1.5750	* 1.6809	* 1.5215	* 2.4426	*
13	* 1.1325	* 1.2478	* 1.2294	* 1.4745	* 1.2327	* 0.6798	* 0.4711	*
	* 1.8139	* 1.6532	* 1.6992	* 1.4369	* 1.5332	* 2.6586	* 3.9390	*
14	* 1.4351	* 1.4885	* 1.4837	* 1.4296	* 0.8198	* 0.4447	*	*
	* 1.4384	* 1.4080	* 1.4277	* 1.5103	* 2.4550	* 4.0661	*	*
15	* 0.7405	* 0.7307	* 0.7047	* 0.6089	F-DEL-H			
	* 2.7295	* 2.7113	* 2.8375	* 3.3953	M-DEL-H			

AT 50% POWER, 250 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9001	* 1.1681	* 1.5206	* 1.1813	* 1.5177	* 1.1048	* 1.3837	* 0.7254
	* 2.0959	* 1.8495	* 1.4352	* 1.7629	* 1.3992	* 1.8219	* 1.4513	* 2.6893
9	* 1.1681	* 1.4349	* 1.1659	* 1.4826	* 1.1702	* 1.2216	* 1.4556	* 0.7160
	* 1.8495	* 1.5455	* 1.7976	* 1.4600	* 1.7651	* 1.6600	* 1.4291	* 2.7311
10	* 1.5206	* 1.1674	* 1.2681	* 1.3498	* 1.4905	* 1.2091	* 1.4566	* 0.6950
	* 1.4352	* 1.7958	* 1.6020	* 1.5491	* 1.4639	* 1.7190	* 1.4445	* 2.8465
11	* 1.1813	* 1.4831	* 1.3500	* 1.4763	* 1.2920	* 1.4701	* 1.4082	* 0.6070
	* 1.7629	* 1.4598	* 1.5491	* 1.4538	* 1.5530	* 1.4275	* 1.5065	* 3.3336
12	* 1.5177	* 1.1705	* 1.4897	* 1.2910	* 1.0577	* 1.2302	* 0.8228	*
	* 1.3992	* 1.7649	* 1.4645	* 1.5553	* 1.6664	* 1.5311	* 2.3834	*
13	* 1.1048	* 1.2208	* 1.2082	* 1.4677	* 1.2250	* 0.6942	* 0.4826	*
	* 1.8219	* 1.6611	* 1.7192	* 1.4318	* 1.5410	* 2.5835	* 3.7537	*
14	* 1.3837	* 1.4560	* 1.4566	* 1.4065	* 0.8201	* 0.4565	*	*
	* 1.4513	* 1.4289	* 1.4446	* 1.5082	* 2.3935	* 3.9409	*	*
15	* 0.7254	* 0.7178	* 0.6957	* 0.6070	F-DEL-H			
	* 2.6893	* 2.7213	* 2.8439	* 3.3328	M-DEL-H			

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TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 350 EFPD

	H	G	F	E	D	C	B	A
8	* 0.8900	* 1.1588	* 1.5282	* 1.1850	* 1.5131	* 1.0835	* 1.3232	* 0.7201
	* 1.8476	* 1.8411	* 1.3867	* 1.7442	* 1.3718	* 1.8450	* 1.4377	* 2.6595
9	* 1.1588	* 1.4398	* 1.1664	* 1.5209	* 1.1769	* 1.2016	* 1.4223	* 0.7161
	* 1.8411	* 1.4881	* 1.7727	* 1.3914	* 1.7422	* 1.6764	* 1.4262	* 2.6994
10	* 1.5282	* 1.1680	* 1.2435	* 1.3446	* 1.5218	* 1.1932	* 1.4287	* 0.6991
	* 1.3867	* 1.7710	* 1.6033	* 1.5340	* 1.4024	* 1.6893	* 1.4410	* 2.8114
11	* 1.1850	* 1.5215	* 1.3450	* 1.4969	* 1.2776	* 1.4481	* 1.3872	* 0.6189
	* 1.7442	* 1.3912	* 1.5338	* 1.3960	* 1.5590	* 1.4034	* 1.4380	* 3.1139
12	* 1.5131	* 1.1775	* 1.5219	* 1.2773	* 1.0356	* 1.2315	* 0.8351	*
	* 1.3718	* 1.7417	* 1.4026	* 1.5607	* 1.6101	* 1.5441	* 2.3374	*
13	* 1.0835	* 1.2013	* 1.1932	* 1.4473	* 1.2279	* 0.7275	* 0.5114	*
	* 1.8450	* 1.6771	* 1.6899	* 1.4046	* 1.5517	* 2.4233	* 3.5521	*
14	* 1.3232	* 1.4232	* 1.4295	* 1.3869	* 0.8334	* 0.4852	*	*
	* 1.4377	* 1.4256	* 1.4412	* 1.4391	* 2.3452	* 3.7200	*	*
15	* 0.7201	* 0.7180	* 0.7001	* 0.6193	F-DEL-H			
	* 2.6595	* 2.6897	* 2.8083	* 3.1133	M-DEL-H			

AT 50% POWER, 490 EFPD

	H	G	F	E	D	C	B	A
8	* 0.8553	* 1.1202	* 1.4805	* 1.1679	* 1.4835	* 1.0806	* 1.2774	* 0.7408
	* 1.7483	* 1.8101	* 1.4110	* 1.7627	* 1.3996	* 1.8648	* 1.4440	* 2.5638
9	* 1.1202	* 1.3973	* 1.1413	* 1.5015	* 1.1671	* 1.1964	* 1.4105	* 0.7485
	* 1.8101	* 1.4802	* 1.7928	* 1.3889	* 1.7574	* 1.6977	* 1.4398	* 2.6002
10	* 1.4805	* 1.1426	* 1.1849	* 1.3067	* 1.5112	* 1.1802	* 1.4227	* 0.7358
	* 1.4110	* 1.7913	* 1.6400	* 1.5618	* 1.3908	* 1.7005	* 1.4411	* 2.7038
11	* 1.1679	* 1.5020	* 1.3072	* 1.4568	* 1.2356	* 1.4140	* 1.3842	* 0.6630
	* 1.7627	* 1.3886	* 1.5613	* 1.4091	* 1.5924	* 1.4098	* 1.4311	* 2.9299
12	* 1.4835	* 1.1678	* 1.5119	* 1.2359	* 0.9914	* 1.2333	* 0.8715	*
	* 1.3996	* 1.7567	* 1.3906	* 1.5932	* 1.5349	* 1.4964	* 2.2282	*
13	* 1.0806	* 1.1964	* 1.1809	* 1.4146	* 1.2317	* 0.7811	* 0.5657	*
	* 1.8648	* 1.6980	* 1.7003	* 1.4098	* 1.5023	* 2.2553	* 3.2606	*
14	* 1.2774	* 1.4117	* 1.4240	* 1.3851	* 0.8706	* 0.5390	*	*
	* 1.4440	* 1.4392	* 1.4408	* 1.4312	* 2.2311	* 3.4022	*	*
15	* 0.7408	* 0.7501	* 0.7369	* 0.6638	F-DEL-H			
	* 2.5638	* 2.5910	* 2.7003	* 2.9282	M-DEL-H			

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TABLE A-4

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4187	* 0.4836	* 0.5652	* 0.4958	* 0.5559	* 0.4741	* 0.4838	* 0.2880
	* 4.0157	* 3.9606	* 3.3762	* 3.7381	* 3.3062	* 3.8529	* 3.7391	* 5.7476
9	* 0.4836	* 0.5424	* 0.4946	* 0.5598	* 0.4932	* 0.4730	* 0.4826	* 0.2819
	* 3.9606	* 3.5500	* 3.8346	* 3.3566	* 3.7698	* 3.8875	* 3.7679	* 5.8432
10	* 0.5652	* 0.4947	* 0.5173	* 0.5216	* 0.5609	* 0.4825	* 0.4760	* 0.2767
	* 3.3762	* 3.8338	* 3.6964	* 3.6551	* 3.4132	* 3.9469	* 3.9119	* 5.9967
11	* 0.4958	* 0.5596	* 0.5214	* 0.5694	* 0.5064	* 0.5205	* 0.4498	* 0.2327
	* 3.7381	* 3.3576	* 3.6559	* 3.3411	* 3.7075	* 3.5952	* 4.2248	* 7.4343
12	* 0.5559	* 0.4930	* 0.5605	* 0.5062	* 0.4425	* 0.4375	* 0.3203	
	* 3.3062	* 3.7713	* 3.4162	* 3.7104	* 3.9893	* 4.0239	* 5.3186	
13	* 0.4741	* 0.4726	* 0.4819	* 0.5195	* 0.4358	* 0.3504	* 0.1861	
	* 3.8528	* 3.8903	* 3.9490	* 3.6032	* 4.0416	* 4.8814	* 8.8579	
14	* 0.4838	* 0.4825	* 0.4756	* 0.4491	* 0.3191	* 0.1809		
	* 3.7391	* 3.7681	* 3.9131	* 4.2326	* 5.3403	* 9.1135		
15	* 0.2880	* 0.2824	* 0.2768	* 0.2323	* F-SUB-Q			
	* 5.7476	* 5.8277	* 5.9939	* 7.4403	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9393	* 1.0661	* 1.2877	* 1.0348	* 1.2861	* 1.0133	* 1.2111	* 0.6587
	* 1.9714	* 1.8291	* 1.5060	* 1.8289	* 1.4609	* 1.8406	* 1.5270	* 2.5703
9	* 1.0661	* 1.2260	* 1.0384	* 1.2157	* 1.0334	* 1.0963	* 1.2143	* 0.6508
	* 1.8291	* 1.5922	* 1.8660	* 1.5771	* 1.8291	* 1.7120	* 1.5307	* 2.5880
10	* 1.2877	* 1.0388	* 1.1906	* 1.1742	* 1.2319	* 1.0738	* 1.2016	* 0.6320
	* 1.5060	* 1.8652	* 1.6318	* 1.6549	* 1.5825	* 1.8026	* 1.5814	* 2.6837
11	* 1.0348	* 1.2153	* 1.1739	* 1.2487	* 1.1570	* 1.2453	* 1.1357	* 0.5300
	* 1.8289	* 1.5775	* 1.6551	* 1.5443	* 1.6544	* 1.5323	* 1.6898	* 3.3325
12	* 1.2861	* 1.0330	* 1.2310	* 1.1562	* 1.0377	* 1.0900	* 0.7369	
	* 1.4609	* 1.8297	* 1.5839	* 1.6559	* 1.7445	* 1.6889	* 2.3601	
13	* 1.0133	* 1.0954	* 1.0726	* 1.2430	* 1.0834	* 0.5721	* 0.4605	
	* 1.8406	* 1.7133	* 1.8054	* 1.5355	* 1.7000	* 3.1705	* 3.6695	
14	* 1.2111	* 1.2141	* 1.2010	* 1.1338	* 0.7342	* 0.4410		
	* 1.5270	* 1.5307	* 1.5819	* 1.6933	* 2.3695	* 3.8312		
15	* 0.6587	* 0.6523	* 0.6321	* 0.5290	* F-SUB-Q			
	* 2.5703	* 2.5817	* 2.6821	* 3.3351	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1659	* 1.2407	* 1.2811	* 1.2045	* 1.3550	* 1.2223	* 1.3434	* 0.7675
	* 1.6788	* 1.5985	* 1.5437	* 1.5961	* 1.3999	* 1.5497	* 1.4003	* 2.2435
9	* 1.2407	* 1.3998	* 1.2413	* 1.3922	* 1.2221	* 1.3241	* 1.3712	* 0.7709
	* 1.5985	* 1.4272	* 1.5909	* 1.4130	* 1.5642	* 1.4396	* 1.3814	* 2.2190
10	* 1.2811	* 1.2420	* 1.4332	* 1.3848	* 1.3813	* 1.2789	* 1.3547	* 0.7466
	* 1.5437	* 1.5898	* 1.3806	* 1.4271	* 1.4242	* 1.5230	* 1.4286	* 2.3074
11	* 1.2045	* 1.3923	* 1.3848	* 1.3946	* 1.3657	* 1.3286	* 1.3284	* 0.6418
	* 1.5961	* 1.4128	* 1.4271	* 1.4138	* 1.4127	* 1.4647	* 1.4642	* 2.7950
12	* 1.3550	* 1.2215	* 1.3804	* 1.3641	* 1.3043	* 1.3402	* 0.8852	
	* 1.3999	* 1.5648	* 1.4254	* 1.4144	* 1.4634	* 1.4233	* 2.0026	
13	* 1.2223	* 1.3230	* 1.2779	* 1.3263	* 1.3313	* 0.7280	* 0.5736	
	* 1.5497	* 1.4407	* 1.5236	* 1.4688	* 1.4332	* 2.5714	* 3.0146	
14	* 1.3434	* 1.3709	* 1.3536	* 1.3256	* 0.8816	* 0.5436		
	* 1.4003	* 1.3815	* 1.4290	* 1.4677	* 2.0113	* 3.1807		
15	* 0.7675	* 0.7726	* 0.7468	* 0.6405	F-SUB-Q			
	* 2.2435	* 2.2128	* 2.3059	* 2.7975	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2807	* 1.3452	* 1.4053	* 1.2989	* 1.5112	* 1.3452	* 1.5060	* 0.8176
	* 1.5643	* 1.4963	* 1.4398	* 1.5050	* 1.2750	* 1.4303	* 1.2686	* 2.1397
9	* 1.3452	* 1.5589	* 1.3565	* 1.5438	* 1.3369	* 1.4692	* 1.5421	* 0.8249
	* 1.4963	* 1.3041	* 1.4829	* 1.2951	* 1.4525	* 1.3173	* 1.2479	* 2.1089
10	* 1.4053	* 1.3577	* 1.5817	* 1.5189	* 1.5289	* 1.4139	* 1.5255	* 0.7954
	* 1.4398	* 1.4814	* 1.2711	* 1.3215	* 1.3093	* 1.3930	* 1.2873	* 2.1988
11	* 1.2989	* 1.5440	* 1.5189	* 1.5476	* 1.5199	* 1.4859	* 1.4968	* 0.6901
	* 1.5050	* 1.2948	* 1.3214	* 1.2884	* 1.2962	* 1.3328	* 1.3226	* 2.6390
12	* 1.5112	* 1.3363	* 1.5275	* 1.5178	* 1.4551	* 1.5150	* 0.9483	
	* 1.2750	* 1.4531	* 1.3106	* 1.2985	* 1.3423	* 1.2882	* 1.9078	
13	* 1.3452	* 1.4678	* 1.4127	* 1.4829	* 1.5041	* 0.8371	* 0.6229	
	* 1.4303	* 1.3184	* 1.3936	* 1.3374	* 1.2979	* 2.2925	* 2.8401	
14	* 1.5060	* 1.5416	* 1.5241	* 1.4933	* 0.9441	* 0.5888		
	* 1.2686	* 1.2480	* 1.2878	* 1.3261	* 1.9168	* 3.0049		
15	* 0.8176	* 0.8267	* 0.7956	* 0.6887	F-SUB-Q			
	* 2.1397	* 2.1022	* 2.1974	* 2.6414	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3264	* 1.3953	* 1.4684	* 1.3445	* 1.5909	* 1.4028	* 1.5920	* 0.8519
	* 1.5449	* 1.4743	* 1.4060	* 1.4799	* 1.2335	* 1.3971	* 1.2216	* 2.0917
9	* 1.3953	* 1.6316	* 1.4060	* 1.6153	* 1.3904	* 1.5362	* 1.6359	* 0.8584
	* 1.4743	* 1.2698	* 1.4575	* 1.2600	* 1.4225	* 1.2825	* 1.1974	* 2.0642
10	* 1.4684	* 1.4074	* 1.6454	* 1.5783	* 1.6105	* 1.4833	* 1.6213	* 0.8277
	* 1.4060	* 1.4558	* 1.2438	* 1.2938	* 1.2690	* 1.3505	* 1.2320	* 2.1506
11	* 1.3445	* 1.6157	* 1.5783	* 1.6228	* 1.5999	* 1.5739	* 1.5966	* 0.7226
	* 1.4799	* 1.2596	* 1.2937	* 1.2446	* 1.2578	* 1.2833	* 1.2656	* 2.5628
12	* 1.5909	* 1.3898	* 1.6089	* 1.5974	* 1.5279	* 1.6112	* 1.0009	
	* 1.2335	* 1.4231	* 1.2704	* 1.2603	* 1.3073	* 1.2388	* 1.8481	
13	* 1.4028	* 1.5346	* 1.4819	* 1.5704	* 1.5986	* 0.8935	* 0.6541	
	* 1.3971	* 1.2837	* 1.3513	* 1.2883	* 1.2490	* 2.2013	* 2.7714	
14	* 1.5920	* 1.6353	* 1.6196	* 1.5924	* 0.9961	* 0.6173		
	* 1.2216	* 1.1976	* 1.2326	* 1.2693	* 1.8575	* 2.9366		
15	* 0.8519	* 0.8601	* 0.8279	* 0.7210	* F-SUB-Q			
	* 2.0917	* 2.0575	* 2.1493	* 2.5655	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3491	* 1.4221	* 1.5013	* 1.3717	* 1.6343	* 1.4355	* 1.6412	* 0.8764
	* 1.5483	* 1.4747	* 1.4031	* 1.4812	* 1.2263	* 1.3943	* 1.2097	* 2.0766
9	* 1.4221	* 1.6686	* 1.4326	* 1.6526	* 1.4208	* 1.5743	* 1.6917	* 0.8815
	* 1.4747	* 1.2599	* 1.4585	* 1.2556	* 1.4214	* 1.2773	* 1.1809	* 2.0527
10	* 1.5013	* 1.4342	* 1.6805	* 1.6113	* 1.6579	* 1.5257	* 1.6797	* 0.8520
	* 1.4031	* 1.4566	* 1.2411	* 1.2909	* 1.2546	* 1.3377	* 1.2120	* 2.1314
11	* 1.3717	* 1.6530	* 1.6113	* 1.6726	* 1.6496	* 1.6271	* 1.6589	* 0.7464
	* 1.4812	* 1.2552	* 1.2908	* 1.2316	* 1.2460	* 1.2656	* 1.2400	* 2.5252
12	* 1.6343	* 1.4200	* 1.6560	* 1.6468	* 1.5718	* 1.6689	* 1.0412	
	* 1.2263	* 1.4220	* 1.2571	* 1.2486	* 1.2992	* 1.2232	* 1.8145	
13	* 1.4355	* 1.5724	* 1.5240	* 1.6231	* 1.6551	* 0.9255	* 0.6761	
	* 1.3943	* 1.2786	* 1.3386	* 1.2708	* 1.2339	* 2.1787	* 2.7478	
14	* 1.6412	* 1.6909	* 1.6776	* 1.6542	* 1.0360	* 0.6373		
	* 1.2097	* 1.1812	* 1.2127	* 1.2438	* 1.8240	* 2.9151		
15	* 0.8764	* 0.8831	* 0.8521	* 0.7446	* F-SUB-Q			
	* 2.0766	* 2.0459	* 2.1302	* 2.5285	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3734	* 1.4511	* 1.5392	* 1.3986	* 1.6817	* 1.4688	* 1.6945	* 0.8905
	* 1.5484	* 1.4706	* 1.3881	* 1.4876	* 1.2211	* 1.3964	* 1.2001	* 2.0940
9	* 1.4511	* 1.7118	* 1.4611	* 1.6958	* 1.4517	* 1.6153	* 1.7495	* 0.8959
	* 1.4706	* 1.2472	* 1.4601	* 1.2494	* 1.4246	* 1.2752	* 1.1680	* 2.0688
10	* 1.5392	* 1.4628	* 1.7194	* 1.6480	* 1.7088	* 1.5690	* 1.7397	* 0.8632
	* 1.3881	* 1.4580	* 1.2371	* 1.2873	* 1.2322	* 1.3276	* 1.1937	* 2.1513
11	* 1.3986	* 1.6963	* 1.6481	* 1.7277	* 1.7004	* 1.6845	* 1.7218	* 0.7587
	* 1.4876	* 1.2490	* 1.2873	* 1.2171	* 1.2339	* 1.2453	* 1.2111	* 2.5265
12	* 1.6817	* 1.4509	* 1.7068	* 1.6973	* 1.6177	* 1.7283	* 1.0596	
	* 1.2211	* 1.4252	* 1.2353	* 1.2367	* 1.2913	* 1.2085	* 1.8167	
13	* 1.4688	* 1.6132	* 1.5672	* 1.6793	* 1.7134	* 0.9554	* 0.6860	
	* 1.3964	* 1.2766	* 1.3288	* 1.2505	* 1.2193	* 2.1608	* 2.7727	
14	* 1.6945	* 1.7487	* 1.7374	* 1.7165	* 1.0540	* 0.6451		
	* 1.2001	* 1.1683	* 1.1949	* 1.2150	* 1.8264	* 2.9485		
15	* 0.8905	* 0.8976	* 0.8633	* 0.7568	F-SUB-Q			
	* 2.0940	* 2.0628	* 2.1502	* 2.5308	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3865	* 1.4674	* 1.5598	* 1.4141	* 1.7100	* 1.4892	* 1.7277	* 0.9009
	* 1.5664	* 1.4861	* 1.4009	* 1.5107	* 1.2345	* 1.4160	* 1.2096	* 2.1273
9	* 1.4674	* 1.7362	* 1.4775	* 1.7204	* 1.4701	* 1.6410	* 1.7872	* 0.9062
	* 1.4861	* 1.2548	* 1.4724	* 1.2574	* 1.4447	* 1.2895	* 1.1730	* 2.1007
10	* 1.5598	* 1.4795	* 1.7437	* 1.6705	* 1.7429	* 1.5974	* 1.7795	* 0.8726
	* 1.4009	* 1.4704	* 1.2428	* 1.2942	* 1.2339	* 1.3328	* 1.1914	* 2.1819
11	* 1.4141	* 1.7210	* 1.6705	* 1.7627	* 1.7345	* 1.7219	* 1.7639	* 0.7686
	* 1.5107	* 1.2569	* 1.2942	* 1.2159	* 1.2327	* 1.2424	* 1.2075	* 2.5371
12	* 1.7100	* 1.4693	* 1.7384	* 1.7311	* 1.6475	* 1.7664	* 1.0760	
	* 1.2345	* 1.4454	* 1.2373	* 1.2357	* 1.2916	* 1.2039	* 1.8238	
13	* 1.4892	* 1.6387	* 1.5953	* 1.7154	* 1.7506	* 0.9742	* 0.6938	
	* 1.4160	* 1.2910	* 1.3343	* 1.2480	* 1.2151	* 2.1589	* 2.7870	
14	* 1.7277	* 1.7862	* 1.7769	* 1.7581	* 1.0701	* 0.6515		
	* 1.2096	* 1.1734	* 1.1929	* 1.2116	* 1.8340	* 2.9680		
15	* 0.9009	* 0.9079	* 0.8726	* 0.7665	F-SUB-Q			
	* 2.1273	* 2.0955	* 2.1810	* 2.5420	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3988	* 1.4826	* 1.5810	* 1.4276	* 1.7384	* 1.5077	* 1.7601	* 0.9073
	* 1.6055	* 1.5118	* 1.4134	* 1.5417	* 1.2529	* 1.4432	* 1.2249	* 2.1786
9	* 1.4826	* 1.7615	* 1.4929	* 1.7456	* 1.4868	* 1.6652	* 1.8232	* 0.9128
	* 1.5118	* 1.2652	* 1.4924	* 1.2708	* 1.4723	* 1.3102	* 1.1840	* 2.1487
10	* 1.5810	* 1.4950	* 1.7677	* 1.6921	* 1.7761	* 1.6234	* 1.8172	* 0.8782
	* 1.4134	* 1.4903	* 1.2564	* 1.3094	* 1.2435	* 1.3453	* 1.1961	* 2.2317
11	* 1.4276	* 1.7462	* 1.6921	* 1.7965	* 1.7665	* 1.7578	* 1.8032	* 0.7740
	* 1.5417	* 1.2704	* 1.3094	* 1.2293	* 1.2478	* 1.2535	* 1.2116	* 2.5779
12	* 1.7384	* 1.4859	* 1.7713	* 1.7625	* 1.6748	* 1.8025	* 1.0834	
	* 1.2529	* 1.4730	* 1.2468	* 1.2509	* 1.3124	* 1.2163	* 1.8647	
13	* 1.5077	* 1.6628	* 1.6211	* 1.7502	* 1.7859	* 0.9912	* 0.6976	
	* 1.4432	* 1.3117	* 1.3470	* 1.2594	* 1.2278	* 2.1871	* 2.8525	
14	* 1.7601	* 1.8221	* 1.8143	* 1.7968	* 1.0772	* 0.6539		
	* 1.2249	* 1.1845	* 1.1978	* 1.2156	* 1.8754	* 3.0432		
15	* 0.9073	* 0.9145	* 0.8776	* 0.7718	F-SUB-Q			
	* 2.1786	* 2.1441	* 2.2309	* 2.5833	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3882	* 1.4722	* 1.5642	* 1.4193	* 1.7246	* 1.5003	* 1.7496	* 0.9152
	* 1.6636	* 1.5633	* 1.4695	* 1.6038	* 1.3081	* 1.5023	* 1.2761	* 2.2359
9	* 1.4722	* 1.7444	* 1.4833	* 1.7299	* 1.4788	* 1.6586	* 1.8177	* 0.9192
	* 1.5633	* 1.3161	* 1.5484	* 1.3227	* 1.5316	* 1.3614	* 1.2279	* 2.2082
10	* 1.5642	* 1.4854	* 1.7594	* 1.6831	* 1.7675	* 1.6200	* 1.8132	* 0.8891
	* 1.4695	* 1.5461	* 1.3018	* 1.3574	* 1.2831	* 1.3910	* 1.2363	* 2.2748
11	* 1.4193	* 1.7306	* 1.6831	* 1.7897	* 1.7648	* 1.7516	* 1.8005	* 0.7840
	* 1.6038	* 1.3222	* 1.3574	* 1.2725	* 1.2893	* 1.2945	* 1.2461	* 2.6207
12	* 1.7246	* 1.4779	* 1.7624	* 1.7607	* 1.6707	* 1.7965	* 1.1051	
	* 1.3081	* 1.5324	* 1.2866	* 1.2926	* 1.3619	* 1.2622	* 1.8803	
13	* 1.5003	* 1.6561	* 1.6176	* 1.7433	* 1.7792	* 0.9836	* 0.7052	
	* 1.5023	* 1.3631	* 1.3929	* 1.2994	* 1.2745	* 2.2868	* 2.9178	
14	* 1.7496	* 1.8165	* 1.8101	* 1.7938	* 1.0986	* 0.6615		
	* 1.2761	* 1.2285	* 1.2382	* 1.2505	* 1.8909	* 3.1104		
15	* 0.9152	* 0.9202	* 0.8890	* 0.7816	F-SUB-Q			
	* 2.2359	* 2.2038	* 2.2743	* 2.6268	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4010	* 1.4883	* 1.5911	* 1.4319	* 1.7586	* 1.5191	* 1.7882	* 0.9127
	* 1.7046	* 1.6006	* 1.4961	* 1.6505	* 1.3338	* 1.5429	* 1.2979	* 2.3287
9	* 1.4883	* 1.7765	* 1.4994	* 1.7613	* 1.4954	* 1.6843	* 1.8586	* 0.9178
	* 1.6006	* 1.3394	* 1.5881	* 1.3469	* 1.5735	* 1.3907	* 1.2468	* 2.2944
10	* 1.5911	* 1.5017	* 1.7856	* 1.7068	* 1.8058	* 1.6469	* 1.8557	* 0.8829
	* 1.4961	* 1.5857	* 1.3303	* 1.3878	* 1.2996	* 1.4179	* 1.2515	* 2.3748
11	* 1.4319	* 1.7620	* 1.7068	* 1.8280	* 1.7988	* 1.7928	* 1.8443	* 0.7799
	* 1.6505	* 1.3463	* 1.3878	* 1.2866	* 1.3065	* 1.3072	* 1.2588	* 2.7277
12	* 1.7586	* 1.4945	* 1.8003	* 1.7939	* 1.6994	* 1.8373	* 1.0968	
	* 1.3338	* 1.5743	* 1.3034	* 1.3101	* 1.3817	* 1.2731	* 1.9557	
13	* 1.5191	* 1.6815	* 1.6443	* 1.7837	* 1.8193	* 1.0027	* 0.6998	
	* 1.5429	* 1.3925	* 1.4199	* 1.3137	* 1.2856	* 2.3102	* 3.0254	
14	* 1.7882	* 1.8573	* 1.8524	* 1.8372	* 1.0901	* 0.6545		
	* 1.2979	* 1.2474	* 1.2534	* 1.2634	* 1.9672	* 3.2345		
15	* 0.9127	* 0.9191	* 0.8822	* 0.7774	* F-SUB-Q			
	* 2.3287	* 2.2900	* 2.3760	* 2.7339	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3973	* 1.4860	* 1.5907	* 1.4291	* 1.7626	* 1.5194	* 1.7958	* 0.9118
	* 1.7410	* 1.6347	* 1.5243	* 1.6898	* 1.3703	* 1.5892	* 1.3452	* 2.4270
9	* 1.4860	* 1.7779	* 1.4975	* 1.7628	* 1.4943	* 1.6874	* 1.8695	* 0.9170
	* 1.6347	* 1.3656	* 1.6208	* 1.3769	* 1.6180	* 1.4377	* 1.2909	* 2.3894
10	* 1.5907	* 1.4999	* 1.7882	* 1.7078	* 1.8138	* 1.6524	* 1.8682	* 0.8821
	* 1.5243	* 1.6181	* 1.3607	* 1.4246	* 1.3453	* 1.4699	* 1.2925	* 2.4710
11	* 1.4291	* 1.7636	* 1.7078	* 1.8367	* 1.8081	* 1.8037	* 1.8583	* 0.7800
	* 1.6898	* 1.3763	* 1.4245	* 1.3303	* 1.3507	* 1.3505	* 1.2989	* 2.8292
12	* 1.7626	* 1.4934	* 1.8080	* 1.8029	* 1.7051	* 1.8476	* 1.0994	
	* 1.3703	* 1.6188	* 1.3494	* 1.3545	* 1.4305	* 1.3144	* 2.0257	
13	* 1.5194	* 1.6844	* 1.6496	* 1.7942	* 1.8290	* 1.0062	* 0.6988	
	* 1.5892	* 1.4400	* 1.4721	* 1.3574	* 1.3276	* 2.3888	* 3.1399	
14	* 1.7958	* 1.8681	* 1.8646	* 1.8508	* 1.0925	* 0.6529		
	* 1.3452	* 1.2917	* 1.2946	* 1.3038	* 2.0378	* 3.3601		
15	* 0.9118	* 0.9181	* 0.8812	* 0.7774	* F-SUB-Q			
	* 2.4270	* 2.3859	* 2.4723	* 2.8359	* M-SUB-Q			



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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3787	* 1.4670	* 1.5659	* 1.4117	* 1.7389	* 1.5025	* 1.7752	* 0.9115
	* 1.7257	* 1.6141	* 1.5093	* 1.6664	* 1.3535	* 1.5662	* 1.3262	* 2.3749
9	* 1.4670	* 1.7518	* 1.4791	* 1.7377	* 1.4770	* 1.6703	* 1.8531	* 0.9154
	* 1.6141	* 1.3511	* 1.5994	* 1.3618	* 1.5950	* 1.4158	* 1.2753	* 2.3459
10	* 1.5659	* 1.4816	* 1.7691	* 1.6885	* 1.7948	* 1.6388	* 1.8533	* 0.8837
	* 1.5093	* 1.5968	* 1.3411	* 1.4053	* 1.3271	* 1.4461	* 1.2798	* 2.4195
11	* 1.4117	* 1.7385	* 1.6885	* 1.8191	* 1.7952	* 1.7870	* 1.8446	* 0.7825
	* 1.6664	* 1.3611	* 1.4052	* 1.3186	* 1.3393	* 1.3390	* 1.2920	* 2.7768
12	* 1.7389	* 1.4761	* 1.7888	* 1.7899	* 1.6902	* 1.8307	* 1.1085	
	* 1.3535	* 1.5959	* 1.3312	* 1.3425	* 1.4263	* 1.3120	* 1.9834	
13	* 1.5025	* 1.6673	* 1.6358	* 1.7772	* 1.8115	* 0.9928	* 0.6993	
	* 1.5662	* 1.4182	* 1.4484	* 1.3436	* 1.3253	* 2.4093	* 3.1281	
14	* 1.7752	* 1.8516	* 1.8496	* 1.8368	* 1.1013	* 0.6536		
	* 1.3262	* 1.2761	* 1.2821	* 1.2970	* 1.9956	* 3.3451		
15	* 0.9115	* 0.9163	* 0.8835	* 0.7798	F-SUB-Q			
	* 2.3749	* 2.3429	* 2.4195	* 2.7845	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3793	* 1.4701	* 1.5783	* 1.4113	* 1.7562	* 1.5075	* 1.7976	* 0.9013
	* 1.6821	* 1.5678	* 1.4570	* 1.6220	* 1.3067	* 1.5219	* 1.2780	* 2.3330
9	* 1.4701	* 1.7677	* 1.4821	* 1.7531	* 1.4799	* 1.6804	* 1.8774	* 0.9061
	* 1.5678	* 1.3044	* 1.5547	* 1.3157	* 1.5514	* 1.3737	* 1.2292	* 2.3033
10	* 1.5783	* 1.4848	* 1.7792	* 1.6967	* 1.8166	* 1.6509	* 1.8793	* 0.8712
	* 1.4570	* 1.5520	* 1.3015	* 1.3649	* 1.2801	* 1.4015	* 1.2326	* 2.3878
11	* 1.4113	* 1.7540	* 1.6967	* 1.8409	* 1.8130	* 1.8119	* 1.8724	* 0.7720
	* 1.6220	* 1.3150	* 1.3648	* 1.2719	* 1.2943	* 1.2893	* 1.2422	* 2.7349
12	* 1.7562	* 1.4790	* 1.8103	* 1.8074	* 1.7033	* 1.8552	* 1.0908	
	* 1.3067	* 1.5522	* 1.2842	* 1.2981	* 1.3811	* 1.2632	* 1.9638	
13	* 1.5075	* 1.6772	* 1.6478	* 1.8016	* 1.8354	* 1.0023	* 0.6876	
	* 1.5219	* 1.3761	* 1.4038	* 1.2942	* 1.2763	* 2.3252	* 3.0857	
14	* 1.7976	* 1.8757	* 1.8754	* 1.8642	* 1.0835	* 0.6407		
	* 1.2780	* 1.2301	* 1.2348	* 1.2473	* 1.9760	* 3.3092		
15	* 0.9013	* 0.9069	* 0.8703	* 0.7692	F-SUB-Q			
	* 2.3330	* 2.2993	* 2.3895	* 2.7423	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3673	* 1.4594	* 1.5699	* 1.3994	* 1.7503	* 1.4983	* 1.7957	* 0.8919
	* 1.6266	* 1.5139	* 1.4042	* 1.5683	* 1.2568	* 1.4680	* 1.2263	* 2.2610
9	* 1.4594	* 1.7601	* 1.4715	* 1.7453	* 1.4696	* 1.6728	* 1.8779	* 0.8968
	* 1.5139	* 1.2557	* 1.5011	* 1.2669	* 1.4978	* 1.3230	* 1.1784	* 2.2311
10	* 1.5699	* 1.4743	* 1.7708	* 1.6874	* 1.8146	* 1.6463	* 1.8815	* 0.8618
	* 1.4042	* 1.4982	* 1.2533	* 1.3157	* 1.2288	* 1.3476	* 1.1804	* 2.3136
11	* 1.3994	* 1.7463	* 1.6874	* 1.8392	* 1.8112	* 1.8129	* 1.8765	* 0.7639
	* 1.5683	* 1.2662	* 1.3156	* 1.2235	* 1.2467	* 1.2368	* 1.1887	* 2.6480
12	* 1.7503	* 1.4686	* 1.8080	* 1.8053	* 1.6984	* 1.8555	* 1.0796	
	* 1.2568	* 1.4986	* 1.2328	* 1.2503	* 1.3342	* 1.2137	* 1.8993	
13	* 1.4983	* 1.6695	* 1.6430	* 1.8021	* 1.8352	* 0.9996	* 0.6787	
	* 1.4680	* 1.3254	* 1.3499	* 1.2414	* 1.2263	* 2.2314	* 2.9916	
14	* 1.7957	* 1.8761	* 1.8774	* 1.8679	* 1.0722	* 0.6316		
	* 1.2263	* 1.1792	* 1.1827	* 1.1937	* 1.9115	* 3.2129		
15	* 0.8919	* 0.8976	* 0.8608	* 0.7613	* F-SUB-Q			
	* 2.2610	* 2.2276	* 2.3155	* 2.6548	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3483	* 1.4402	* 1.5499	* 1.3803	* 1.7309	* 1.4800	* 1.7787	* 0.8828
	* 1.5862	* 1.4752	* 1.3681	* 1.5296	* 1.2225	* 1.4295	* 1.1906	* 2.1980
9	* 1.4402	* 1.7393	* 1.4524	* 1.7249	* 1.4506	* 1.6549	* 1.8632	* 0.8871
	* 1.4752	* 1.2222	* 1.4626	* 1.2330	* 1.4595	* 1.2859	* 1.1414	* 2.1697
10	* 1.5499	* 1.4552	* 1.7519	* 1.6680	* 1.7982	* 1.6305	* 1.8681	* 0.8529
	* 1.3681	* 1.4597	* 1.2179	* 1.2799	* 1.1916	* 1.3077	* 1.1422	* 2.2482
11	* 1.3803	* 1.7258	* 1.6680	* 1.8237	* 1.7967	* 1.7985	* 1.8641	* 0.7573
	* 1.5296	* 1.2323	* 1.2798	* 1.1852	* 1.2068	* 1.1979	* 1.1489	* 2.5680
12	* 1.7309	* 1.4497	* 1.7914	* 1.7906	* 1.6819	* 1.8404	* 1.0737	
	* 1.2225	* 1.4603	* 1.1956	* 1.2106	* 1.2938	* 1.1748	* 1.8340	
13	* 1.4800	* 1.6515	* 1.6271	* 1.7875	* 1.8197	* 0.9876	* 0.6710	
	* 1.4295	* 1.2883	* 1.3101	* 1.2026	* 1.1874	* 2.1672	* 2.9056	
14	* 1.7787	* 1.8614	* 1.8638	* 1.8552	* 1.0662	* 0.6240		
	* 1.1906	* 1.1423	* 1.1445	* 1.1539	* 1.8462	* 3.1225		
15	* 0.8828	* 0.8879	* 0.8518	* 0.7543	* F-SUB-Q			
	* 2.1980	* 2.1672	* 2.2502	* 2.5758	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3196	* 1.4102	* 1.5137	* 1.3523	* 1.6930	* 1.4503	* 1.7418	* 0.8737
	* 1.6865	* 1.5690	* 1.4594	* 1.6274	* 1.3024	* 1.5200	* 1.2665	* 2.3154
9	* 1.4102	* 1.7001	* 1.4231	* 1.6863	* 1.4212	* 1.6229	* 1.8287	* 0.8770
	* 1.5690	* 1.3025	* 1.5547	* 1.3141	* 1.5522	* 1.3658	* 1.2107	* 2.2869
10	* 1.5137	* 1.4260	* 1.7186	* 1.6349	* 1.7620	* 1.6011	* 1.8346	* 0.8450
	* 1.4594	* 1.5516	* 1.2929	* 1.3601	* 1.2654	* 1.3864	* 1.2102	* 2.3623
11	* 1.3523	* 1.6873	* 1.6350	* 1.7887	* 1.7660	* 1.7643	* 1.8315	* 0.7518
	* 1.6274	* 1.3133	* 1.3600	* 1.2563	* 1.2759	* 1.2695	* 1.2157	* 2.6937
12	* 1.6930	* 1.4202	* 1.7552	* 1.7599	* 1.6506	* 1.8051	* 1.0713	
	* 1.3024	* 1.5532	* 1.2699	* 1.2801	* 1.3696	* 1.2445	* 1.9116	
13	* 1.4503	* 1.6194	* 1.5976	* 1.7531	* 1.7842	* 0.9664	* 0.6651	
	* 1.5200	* 1.3685	* 1.3891	* 1.2762	* 1.2585	* 2.3006	* 3.0483	
14	* 1.7418	* 1.8268	* 1.8302	* 1.8225	* 1.0636	* 0.6191		
	* 1.2665	* 1.2118	* 1.2128	* 1.2212	* 1.9247	* 3.2731		
15	* 0.8737	* 0.8778	* 0.8447	* 0.7487	F-SUB-Q			
	* 2.3154	* 2.2844	* 2.3627	* 2.7026	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3090	* 1.4013	* 1.5141	* 1.3398	* 1.6948	* 1.4410	* 1.7466	* 0.8532
	* 1.6316	* 1.5200	* 1.4054	* 1.5853	* 1.2560	* 1.4778	* 1.2191	* 2.2914
9	* 1.4013	* 1.7026	* 1.4138	* 1.6880	* 1.4107	* 1.6163	* 1.8336	* 0.8574
	* 1.5200	* 1.2532	* 1.5089	* 1.2655	* 1.5101	* 1.3229	* 1.1642	* 2.2591
10	* 1.5141	* 1.4168	* 1.7145	* 1.6289	* 1.7657	* 1.5956	* 1.8405	* 0.8235
	* 1.4054	* 1.5057	* 1.2487	* 1.3154	* 1.2148	* 1.3409	* 1.1616	* 2.3411
11	* 1.3398	* 1.6891	* 1.6290	* 1.7924	* 1.7650	* 1.7703	* 1.8383	* 0.7316
	* 1.5853	* 1.2647	* 1.3153	* 1.2035	* 1.2248	* 1.2150	* 1.1641	* 2.6689
12	* 1.6948	* 1.4097	* 1.7588	* 1.7586	* 1.6458	* 1.8098	* 1.0381	
	* 1.2560	* 1.5111	* 1.2194	* 1.2290	* 1.3149	* 1.1903	* 1.8962	
13	* 1.4410	* 1.6128	* 1.5920	* 1.7588	* 1.7886	* 0.9654	* 0.6452	
	* 1.4778	* 1.3256	* 1.3436	* 1.2226	* 1.2039	* 2.2113	* 3.0255	
14	* 1.7466	* 1.8317	* 1.8359	* 1.8291	* 1.0305	* 0.5987		
	* 1.2191	* 1.1652	* 1.1642	* 1.1696	* 1.9096	* 3.2587		
15	* 0.8532	* 0.8582	* 0.8224	* 0.7286	F-SUB-Q			
	* 2.2914	* 2.2567	* 2.3437	* 2.6780	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2828	1.3740	1.4858	1.3122	1.6637	1.4126	1.7156	0.8342
	1.5968	1.4905	1.3776	1.5577	1.2308	1.4502	1.1936	2.2565
9	1.3740	1.6732	1.3874	1.6588	1.3825	1.5869	1.8026	0.8382
	1.4905	1.2264	1.4788	1.2389	1.4823	1.2954	1.1379	2.2243
10	1.4858	1.3905	1.6872	1.6010	1.7346	1.5668	1.8095	0.8047
	1.3776	1.4756	1.2198	1.2868	1.1880	1.3122	1.1349	2.3051
11	1.3122	1.6598	1.6011	1.7626	1.7365	1.7403	1.8067	0.7147
	1.5577	1.2381	1.2867	1.1741	1.1936	1.1860	1.1370	2.6281
12	1.6637	1.3816	1.7276	1.7301	1.6165	1.7778	1.0151	
	1.2308	1.4833	1.1926	1.1978	1.2816	1.1615	1.8626	
13	1.4126	1.5834	1.5632	1.7288	1.7566	0.9440	0.6284	
	1.4502	1.2982	1.3151	1.1936	1.1752	2.1691	2.9851	
14	1.7156	1.8007	1.8050	1.7974	1.0076	0.5827		
	1.1936	1.1391	1.1376	1.1426	1.8761	3.2176		
15	0.8342	0.8389	0.8036	0.7117	F-SUB-Q			
	2.2565	2.2220	2.3078	2.6374	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2385	1.3252	1.4232	1.2670	1.5928	1.3619	1.6410	0.8154
	1.5987	1.4944	1.3912	1.5610	1.2435	1.4551	1.2066	2.2349
9	1.3252	1.6051	1.3416	1.5924	1.3338	1.5307	1.7274	0.8182
	1.4944	1.2364	1.4786	1.2482	1.4865	1.2986	1.1476	2.2053
10	1.4232	1.3445	1.6327	1.5478	1.6614	1.5104	1.7332	0.7888
	1.3912	1.4754	1.2184	1.2868	1.1985	1.3156	1.1446	2.2754
11	1.2670	1.5935	1.5479	1.6924	1.6754	1.6665	1.7274	0.7000
	1.5610	1.2474	1.2867	1.1806	1.1939	1.1957	1.1481	2.5966
12	1.5928	1.3328	1.6546	1.6692	1.5587	1.7011	0.9998	
	1.2435	1.4875	1.2032	1.1982	1.2822	1.1716	1.8276	
13	1.3619	1.5273	1.5069	1.6554	1.6804	0.8969	0.6135	
	1.4551	1.3013	1.3185	1.2035	1.1858	2.2050	2.9577	
14	1.6410	1.7255	1.7287	1.7184	0.9923	0.5701		
	1.2066	1.1488	1.1474	1.1539	1.8412	3.1814		
15	0.8154	0.8189	0.7884	0.6969	F-SUB-Q			
	2.2349	2.2031	2.2762	2.6064	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2066	* 1.2934	* 1.3898	* 1.2352	* 1.5492	* 1.3251	* 1.5944	* 0.7816
	* 1.5969	* 1.4899	* 1.3865	* 1.5586	* 1.2440	* 1.4552	* 1.2081	* 2.2711
9	* 1.2934	* 1.5674	* 1.3096	* 1.5556	* 1.2991	* 1.4925	* 1.6757	* 0.7847
	* 1.4899	* 1.2320	* 1.4743	* 1.2432	* 1.4852	* 1.2952	* 1.1502	* 2.2397
10	* 1.3898	* 1.3125	* 1.5996	* 1.5156	* 1.6166	* 1.4704	* 1.6802	* 0.7528
	* 1.3865	* 1.4712	* 1.2093	* 1.2782	* 1.1975	* 1.3139	* 1.1476	* 2.3223
11	* 1.2352	* 1.5566	* 1.5157	* 1.6477	* 1.6352	* 1.6207	* 1.6715	* 0.6654
	* 1.5586	* 1.2424	* 1.2781	* 1.1783	* 1.1880	* 1.1946	* 1.1529	* 2.6598
12	* 1.5492	* 1.2980	* 1.6101	* 1.6293	* 1.5208	* 1.6497	* 0.9472	
	* 1.2440	* 1.4862	* 1.2022	* 1.1923	* 1.2767	* 1.1739	* 1.8766	
13	* 1.3251	* 1.4892	* 1.4670	* 1.6100	* 1.6300	* 0.8607	* 0.5803	
	* 1.4552	* 1.2980	* 1.3168	* 1.2024	* 1.1879	* 2.2349	* 3.0453	
14	* 1.5944	* 1.6738	* 1.6759	* 1.6628	* 0.9401	* 0.5378		
	* 1.2081	* 1.1514	* 1.1505	* 1.1588	* 1.8905	* 3.2847		
15	* 0.7816	* 0.7853	* 0.7517	* 0.6625	* F-SUB-Q			
	* 2.2711	* 2.2376	* 2.3252	* 2.6699	* M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1245	* 1.2249	* 1.3100	* 1.1744	* 1.4384	* 1.2383	* 1.4777	* 0.7419
	* 1.6778	* 1.5398	* 1.4398	* 1.6049	* 1.3113	* 1.5243	* 1.2757	* 2.3451
9	* 1.2249	* 1.4533	* 1.2289	* 1.4485	* 1.2193	* 1.3896	* 1.5502	* 0.7412
	* 1.5398	* 1.3004	* 1.5379	* 1.3066	* 1.5489	* 1.3614	* 1.2163	* 2.3236
10	* 1.3100	* 1.2315	* 1.4939	* 1.4254	* 1.5099	* 1.3713	* 1.5539	* 0.7105
	* 1.4398	* 1.5347	* 1.2664	* 1.3295	* 1.2540	* 1.3781	* 1.2137	* 2.4112
11	* 1.1744	* 1.4494	* 1.4255	* 1.5334	* 1.5287	* 1.5109	* 1.5484	* 0.6215
	* 1.6049	* 1.3059	* 1.3294	* 1.2380	* 1.2421	* 1.2529	* 1.2171	* 2.7914
12	* 1.4384	* 1.2184	* 1.5050	* 1.5241	* 1.4207	* 1.5254	* 0.8914	
	* 1.3113	* 1.5500	* 1.2589	* 1.2458	* 1.3361	* 1.2415	* 1.9526	
13	* 1.2383	* 1.3865	* 1.3681	* 1.5013	* 1.5077	* 0.7786	* 0.5370	
	* 1.5243	* 1.3644	* 1.3812	* 1.2606	* 1.2560	* 2.4204	* 3.2268	
14	* 1.4777	* 1.5485	* 1.5499	* 1.5405	* 0.8847	* 0.4966		
	* 1.2757	* 1.2176	* 1.2167	* 1.2233	* 1.9670	* 3.4885		
15	* 0.7419	* 0.7425	* 0.7095	* 0.6187	* F-SUB-Q			
	* 2.3451	* 2.3192	* 2.4143	* 2.8024	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 100% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9171	* 1.0453	* 1.3118	* 1.0025	* 1.3499	* 1.0185	* 1.3381	* 0.6462
	* 2.0263	* 1.7765	* 1.4139	* 1.8515	* 1.3740	* 1.8234	* 1.3855	* 2.6554
9	* 1.0453	* 1.2619	* 1.0183	* 1.2496	* 1.0180	* 1.1386	* 1.3725	* 0.6302
	* 1.7765	* 1.4722	* 1.8280	* 1.4880	* 1.8285	* 1.6338	* 1.3518	* 2.6953
10	* 1.3118	* 1.0203	* 1.2258	* 1.2078	* 1.3259	* 1.1401	* 1.3718	* 0.6080
	* 1.4139	* 1.8243	* 1.5188	* 1.5433	* 1.4049	* 1.6328	* 1.3528	* 2.7792
11	* 1.0025	* 1.2498	* 1.2070	* 1.3583	* 1.2759	* 1.4306	* 1.3156	* 0.5212
	* 1.8515	* 1.4877	* 1.5443	* 1.3732	* 1.4628	* 1.3003	* 1.4101	* 3.2837
12	* 1.3499	* 1.0173	* 1.3229	* 1.2725	* 1.1663	* 1.2535	* 0.7638	
	* 1.3740	* 1.8296	* 1.4079	* 1.4666	* 1.6013	* 1.4859	* 2.2454	
13	* 1.0185	* 1.1366	* 1.1361	* 1.4231	* 1.2389	* 0.6112	* 0.4401	
	* 1.8234	* 1.6366	* 1.6385	* 1.3071	* 1.5034	* 3.0409	* 3.8877	
14	* 1.3381	* 1.3709	* 1.3687	* 1.3092	* 0.7583	* 0.4065		
	* 1.3855	* 1.3534	* 1.3558	* 1.4169	* 2.2618	* 4.2082		
15	* 0.6462	* 0.6319	* 0.6076	* 0.5188	F-SUB-Q			
	* 2.6554	* 2.6874	* 2.7807	* 3.2972	M-SUB-Q			

AT 100% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3985	* 0.4399	* 0.5210	* 0.4456	* 0.5263	* 0.4397	* 0.4828	* 0.2696
	* 4.6202	* 4.1819	* 3.5272	* 4.1291	* 3.4932	* 4.1870	* 3.8080	* 6.3161
9	* 0.4399	* 0.5035	* 0.4469	* 0.5223	* 0.4535	* 0.4510	* 0.4896	* 0.2618
	* 4.1819	* 3.6542	* 4.1237	* 3.5281	* 4.0632	* 4.0875	* 3.7566	* 6.4401
10	* 0.5210	* 0.4475	* 0.4783	* 0.4906	* 0.5475	* 0.4710	* 0.4889	* 0.2543
	* 3.5272	* 4.1182	* 3.8578	* 3.7643	* 3.3702	* 3.9139	* 3.7627	* 6.5957
11	* 0.4456	* 0.5221	* 0.4901	* 0.5574	* 0.5033	* 0.5423	* 0.4670	* 0.2211
	* 4.1291	* 3.5291	* 3.7678	* 3.3113	* 3.6706	* 3.3978	* 3.9401	* 7.6863
12	* 0.5263	* 0.4532	* 0.5464	* 0.5022	* 0.4619	* 0.4699	* 0.3208	
	* 3.4932	* 4.0658	* 3.3770	* 3.6790	* 3.9990	* 3.9241	* 5.3033	
13	* 0.4397	* 0.4500	* 0.4692	* 0.5396	* 0.4657	* 0.3566	* 0.1764	
	* 4.1870	* 4.0957	* 3.9283	* 3.4150	* 3.9596	* 5.1731	* 9.6347	
14	* 0.4828	* 0.4890	* 0.4878	* 0.4648	* 0.3184	* 0.1685		
	* 3.8080	* 3.7611	* 3.7711	* 3.9592	* 5.3420	* 10.0833		
15	* 0.2696	* 0.2624	* 0.2541	* 0.2200	F-SUB-Q			
	* 6.3161	* 6.4241	* 6.5999	* 7.7194	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4382	* 0.5072	* 0.5966	* 0.5225	* 0.5934	* 0.5032	* 0.5210	* 0.3028
	* 4.7523	* 4.5506	* 3.7012	* 4.0719	* 3.5545	* 4.1816	* 4.0714	* 6.4052
9	* 0.5072	* 0.5745	* 0.5201	* 0.5960	* 0.5230	* 0.5065	* 0.5213	* 0.2965
	* 4.5506	* 4.0048	* 4.2458	* 3.6576	* 4.0943	* 4.1951	* 4.0841	* 6.5150
10	* 0.5966	* 0.5202	* 0.5534	* 0.5594	* 0.6025	* 0.5177	* 0.5152	* 0.2913
	* 3.7012	* 4.2448	* 4.0975	* 3.9877	* 3.7032	* 4.2582	* 4.1685	* 6.5786
11	* 0.5225	* 0.5957	* 0.5591	* 0.6118	* 0.5442	* 0.5637	* 0.4856	* 0.2443
	* 4.0719	* 3.6589	* 3.9888	* 3.7986	* 4.2565	* 4.0973	* 4.6060	* 8.1606
12	* 0.5934	* 0.5227	* 0.6019	* 0.5438	* 0.4760	* 0.4697	* 0.3387	
	* 3.5545	* 4.0962	* 3.7052	* 4.2613	* 4.5827	* 4.6218	* 6.2024	
13	* 0.5032	* 0.5060	* 0.5168	* 0.5624	* 0.4675	* 0.3693	* 0.1921	
	* 4.1816	* 4.1986	* 4.2611	* 4.1087	* 4.6456	* 5.7043	* 10.5603	
14	* 0.5210	* 0.5211	* 0.5147	* 0.4846	* 0.3372	* 0.1865		
	* 4.0714	* 4.0850	* 4.1706	* 4.6118	* 6.2310	* 10.8714		
15	* 0.3028	* 0.2970	* 0.2913	* 0.2437	* F-SUB-Q			
	* 6.4052	* 6.4965	* 6.5761	* 8.1686	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0110	* 1.1538	* 1.3996	* 1.1233	* 1.4138	* 1.1100	* 1.3431	* 0.7103
	* 2.2805	* 2.0918	* 1.6175	* 1.9535	* 1.5399	* 1.9504	* 1.6227	* 2.8066
9	* 1.1538	* 1.3374	* 1.1311	* 1.3308	* 1.1264	* 1.2117	* 1.3545	* 0.7025
	* 2.0918	* 1.7669	* 2.0165	* 1.6818	* 1.9466	* 1.8033	* 1.6081	* 2.8012
10	* 1.3996	* 1.1317	* 1.3159	* 1.2990	* 1.3625	* 1.1891	* 1.3413	* 0.6826
	* 1.6175	* 2.0154	* 1.7568	* 1.7575	* 1.6956	* 1.9053	* 1.6489	* 2.8867
11	* 1.1233	* 1.3304	* 1.2984	* 1.3850	* 1.2872	* 1.3898	* 1.2642	* 0.5703
	* 1.9535	* 1.6820	* 1.7579	* 1.7317	* 1.8420	* 1.7053	* 1.8415	* 3.6030
12	* 1.4138	* 1.1259	* 1.3611	* 1.2859	* 1.1537	* 1.2057	* 0.8004	
	* 1.5399	* 1.9474	* 1.6962	* 1.8444	* 1.9488	* 1.8952	* 2.6959	
13	* 1.1100	* 1.2104	* 1.1873	* 1.3865	* 1.1971	* 0.6112	* 0.4842	
	* 1.9504	* 1.8049	* 1.9063	* 1.7100	* 1.9096	* 3.6671	* 4.3160	
14	* 1.3431	* 1.3539	* 1.3401	* 1.2613	* 0.7970	* 0.4634		
	* 1.6227	* 1.6083	* 1.6496	* 1.8443	* 2.7084	* 4.5092		
15	* 0.7103	* 0.7041	* 0.6826	* 0.5690	* F-SUB-Q			
	* 2.8066	* 2.7941	* 2.8853	* 3.6065	* M-SUB-Q			

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2600	* 1.3481	* 1.3917	* 1.3121	* 1.4923	* 1.3445	* 1.4880	* 0.8300
	* 1.9391	* 1.8385	* 1.6660	* 1.7086	* 1.4803	* 1.6405	* 1.4763	* 2.4193
9	* 1.3481	* 1.5318	* 1.3564	* 1.5293	* 1.3416	* 1.4694	* 1.5318	* 0.8347
	* 1.8385	* 1.5435	* 1.7105	* 1.5145	* 1.6607	* 1.5159	* 1.4460	* 2.3890
10	* 1.3917	* 1.3573	* 1.5870	* 1.5388	* 1.5329	* 1.4196	* 1.5146	* 0.8089
	* 1.6660	* 1.7092	* 1.4712	* 1.5173	* 1.5295	* 1.6016	* 1.4948	* 2.4836
11	* 1.3121	* 1.5295	* 1.5387	* 1.5461	* 1.5303	* 1.4808	* 1.4805	* 0.6928
	* 1.7086	* 1.5142	* 1.5173	* 1.5413	* 1.5721	* 1.6370	* 1.6132	* 3.0325
12	* 1.4923	* 1.3408	* 1.5315	* 1.5281	* 1.4559	* 1.4868	* 0.9642	
	* 1.4803	* 1.6615	* 1.5306	* 1.5745	* 1.6334	* 1.5975	* 2.2892	
13	* 1.3445	* 1.4678	* 1.4180	* 1.4770	* 1.4755	* 0.7800	* 0.6051	
	* 1.6405	* 1.5172	* 1.6025	* 1.6428	* 1.6103	* 2.9779	* 3.5452	
14	* 1.4880	* 1.5311	* 1.5128	* 1.4766	* 0.9598	* 0.5731		
	* 1.4763	* 1.4462	* 1.4956	* 1.6156	* 2.3005	* 3.7429		
15	* 0.8300	* 0.8364	* 0.8089	* 0.6911	F-SUB-Q			
	* 2.4193	* 2.3822	* 2.4822	* 3.0358	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3795	* 1.4559	* 1.5206	* 1.4094	* 1.6576	* 1.4742	* 1.6610	* 0.8808
	* 1.8189	* 1.7345	* 1.5708	* 1.6286	* 1.3617	* 1.5282	* 1.3476	* 2.3221
9	* 1.4559	* 1.7003	* 1.4774	* 1.6901	* 1.4623	* 1.6241	* 1.7149	* 0.8898
	* 1.7345	* 1.4222	* 1.6086	* 1.4008	* 1.5579	* 1.4006	* 1.3184	* 2.2882
10	* 1.5206	* 1.4788	* 1.7448	* 1.6784	* 1.6908	* 1.5677	* 1.6978	* 0.8586
	* 1.5708	* 1.6069	* 1.3660	* 1.4184	* 1.4093	* 1.4814	* 1.3626	* 2.3900
11	* 1.4094	* 1.6904	* 1.6783	* 1.7095	* 1.6964	* 1.6491	* 1.6609	* 0.7426
	* 1.6286	* 1.4005	* 1.4183	* 1.4261	* 1.4532	* 1.5020	* 1.4732	* 2.8944
12	* 1.6576	* 1.4615	* 1.6889	* 1.6936	* 1.6177	* 1.6743	* 1.0292	
	* 1.3617	* 1.5586	* 1.4103	* 1.4562	* 1.5094	* 1.4570	* 2.1973	
13	* 1.4742	* 1.6221	* 1.5659	* 1.6444	* 1.6606	* 0.8934	* 0.6557	
	* 1.5282	* 1.4019	* 1.4823	* 1.5081	* 1.4695	* 2.6754	* 3.3598	
14	* 1.6610	* 1.7141	* 1.6956	* 1.6561	* 1.0240	* 0.6194		
	* 1.3476	* 1.3186	* 1.3633	* 1.4758	* 2.2089	* 3.5569		
15	* 0.8808	* 0.8918	* 0.8587	* 0.7408	F-SUB-Q			
	* 2.3221	* 2.2806	* 2.3885	* 2.8977	M-SUB-Q			



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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4197	1.5000	1.5790	1.4492	1.7331	1.5267	1.7437	0.9125
	1.8160	1.7280	1.5597	1.6235	1.3351	1.5128	1.3178	2.3023
9	1.5000	1.7678	1.5212	1.7568	1.5105	1.6863	1.8061	0.9208
	1.7280	1.4077	1.6083	1.3865	1.5453	1.3823	1.2838	2.2728
10	1.5790	1.5228	1.8023	1.7320	1.7690	1.6329	1.7915	0.8882
	1.5597	1.6063	1.3602	1.4138	1.3806	1.4545	1.3214	2.3666
11	1.4492	1.7572	1.7320	1.7877	1.7730	1.7348	1.7592	0.7732
	1.6235	1.3860	1.4137	1.4094	1.4269	1.4635	1.4243	2.8394
12	1.7331	1.5096	1.7669	1.7697	1.6867	1.7688	1.0798	
	1.3351	1.5460	1.3818	1.4302	1.4877	1.4173	2.1516	
13	1.5267	1.6840	1.6308	1.7294	1.7532	0.9485	0.6852	
	1.5128	1.3837	1.4556	1.4700	1.4303	2.5946	3.3097	
14	1.7437	1.8051	1.7890	1.7536	1.0741	0.6464		
	1.3178	1.2841	1.3223	1.4270	2.1637	3.5089		
15	0.9125	0.9224	0.8882	0.7713	F-SUB-Q			
	2.3023	2.2646	2.3652	2.8427	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4326	1.5172	1.6014	1.4666	1.7651	1.5491	1.7821	0.9319
	1.8445	1.7519	1.5782	1.6472	1.3439	1.5277	1.3181	2.3054
9	1.5172	1.7930	1.5372	1.7824	1.5307	1.7139	1.8512	0.9386
	1.7519	1.4257	1.6331	1.4016	1.5651	1.3947	1.2817	2.2797
10	1.6014	1.5390	1.8243	1.7526	1.8060	1.6649	1.8396	0.9074
	1.5782	1.6308	1.3793	1.4315	1.3917	1.4645	1.3207	2.3741
11	1.4666	1.7829	1.7526	1.8296	1.8120	1.7785	1.8122	0.7930
	1.6472	1.4011	1.4314	1.4227	1.4346	1.4643	1.4238	2.8488
12	1.7651	1.5297	1.8035	1.8084	1.7200	1.8169	1.1149	
	1.3439	1.5658	1.3929	1.4381	1.5003	1.4198	2.1413	
13	1.5491	1.7114	1.6626	1.7724	1.8001	0.9756	0.7037	
	1.5277	1.3962	1.4657	1.4711	1.4335	2.6029	3.3244	
14	1.7821	1.8501	1.8368	1.8060	1.1087	0.6631		
	1.3181	1.2820	1.3215	1.4266	2.1537	3.5286		
15	0.9319	0.9402	0.9074	0.7908	F-SUB-Q			
	2.3054	2.2713	2.3726	2.8525	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4452	* 1.5340	* 1.6271	* 1.4816	* 1.7989	* 1.5698	* 1.8223	* 0.9388
	* 1.8728	* 1.7736	* 1.6093	* 1.6898	* 1.3653	* 1.5605	* 1.3322	* 2.3639
9	* 1.5340	* 1.8222	* 1.5530	* 1.8119	* 1.5490	* 1.7411	* 1.8954	* 0.9458
	* 1.7736	* 1.4525	* 1.6740	* 1.4279	* 1.6020	* 1.4219	* 1.2944	* 2.3393
10	* 1.6271	* 1.5550	* 1.8482	* 1.7751	* 1.8443	* 1.6953	* 1.8865	* 0.9114
	* 1.6093	* 1.6714	* 1.4098	* 1.4636	* 1.4140	* 1.4898	* 1.3339	* 2.4465
11	* 1.4816	* 1.8125	* 1.7751	* 1.8716	* 1.8492	* 1.8235	* 1.8627	* 0.7992
	* 1.6898	* 1.4273	* 1.4634	* 1.4315	* 1.4450	* 1.4647	* 1.4246	* 2.9318
12	* 1.7989	* 1.5480	* 1.8415	* 1.8453	* 1.7530	* 1.8638	* 1.1247	*
	* 1.3653	* 1.6027	* 1.4152	* 1.4487	* 1.5161	* 1.4256	* 2.1779	*
13	* 1.5698	* 1.7384	* 1.6928	* 1.8158	* 1.8461	* 0.9991	* 0.7085	*
	* 1.5605	* 1.4235	* 1.4911	* 1.4717	* 1.4397	* 2.6197	* 3.4036	*
14	* 1.8223	* 1.8941	* 1.8834	* 1.8560	* 1.1182	* 0.6659	*	*
	* 1.3322	* 1.2947	* 1.3348	* 1.4298	* 2.1906	* 3.6213	*	*
15	* 0.9388	* 0.9473	* 0.9113	* 0.7969	* F-SUB-Q			
	* 2.3639	* 2.3304	* 2.4449	* 2.9356	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4443	* 1.5356	* 1.6324	* 1.4827	* 1.8098	* 1.5748	* 1.8381	* 0.9406
	* 1.9285	* 1.8245	* 1.6765	* 1.7652	* 1.4177	* 1.6249	* 1.3779	* 2.4601
9	* 1.5356	* 1.8292	* 1.5544	* 1.8192	* 1.5523	* 1.7497	* 1.9149	* 0.9475
	* 1.8245	* 1.5122	* 1.7483	* 1.4863	* 1.6709	* 1.4786	* 1.3372	* 2.4364
10	* 1.6324	* 1.5565	* 1.8538	* 1.7797	* 1.8597	* 1.7073	* 1.9084	* 0.9125
	* 1.6765	* 1.7455	* 1.4690	* 1.5256	* 1.4682	* 1.5460	* 1.3777	* 2.5511
11	* 1.4827	* 1.8198	* 1.7797	* 1.8891	* 1.8658	* 1.8440	* 1.8877	* 0.8020
	* 1.7652	* 1.4857	* 1.5254	* 1.4560	* 1.4702	* 1.4880	* 1.4468	* 3.0537
12	* 1.8098	* 1.5513	* 1.8556	* 1.8615	* 1.7659	* 1.8851	* 1.1310	*
	* 1.4177	* 1.6716	* 1.4695	* 1.4742	* 1.5448	* 1.4462	* 2.2242	*
13	* 1.5748	* 1.7469	* 1.7046	* 1.8352	* 1.8666	* 1.0094	* 0.7104	*
	* 1.6249	* 1.4803	* 1.5473	* 1.4956	* 1.4609	* 2.6642	* 3.4793	*
14	* 1.8381	* 1.9135	* 1.9050	* 1.8805	* 1.1243	* 0.6668	*	*
	* 1.3779	* 1.3375	* 1.3787	* 1.4524	* 2.2376	* 3.7070	*	*
15	* 0.9406	* 0.9490	* 0.9124	* 0.7996	* F-SUB-Q			
	* 2.4601	* 2.4269	* 2.5494	* 3.0577	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4420	* 1.5351	* 1.6373	* 1.4810	* 1.8193	* 1.5767	* 1.8516	* 0.9378
	* 2.0167	* 1.8907	* 1.7606	* 1.8620	* 1.4851	* 1.7089	* 1.4388	* 2.5938
9	* 1.5351	* 1.8357	* 1.5535	* 1.8259	* 1.5526	* 1.7553	* 1.9309	* 0.9447
	* 1.8907	* 1.5717	* 1.8432	* 1.5600	* 1.7596	* 1.5522	* 1.3952	* 2.5704
10	* 1.6373	* 1.5557	* 1.8582	* 1.7824	* 1.8741	* 1.7152	* 1.9263	* 0.9090
	* 1.7606	* 1.8400	* 1.5446	* 1.6047	* 1.5262	* 1.6206	* 1.4372	* 2.6959
11	* 1.4810	* 1.8266	* 1.7824	* 1.9038	* 1.8785	* 1.8613	* 1.9078	* 0.7996
	* 1.8620	* 1.5592	* 1.6045	* 1.5024	* 1.5194	* 1.5325	* 1.4822	* 3.2243
12	* 1.8193	* 1.5516	* 1.8683	* 1.8735	* 1.7749	* 1.9024	* 1.1270	*
	* 1.4851	* 1.7603	* 1.5307	* 1.5237	* 1.6026	* 1.4910	* 2.3187	*
13	* 1.5767	* 1.7523	* 1.7123	* 1.8518	* 1.8833	* 1.0170	* 0.7077	*
	* 1.7089	* 1.5540	* 1.6220	* 1.5405	* 1.5063	* 2.7502	* 3.6266	*
14	* 1.8516	* 1.9294	* 1.9227	* 1.9002	* 1.1201	* 0.6630	*	*
	* 1.4388	* 1.3955	* 1.4382	* 1.4878	* 2.3331	* 3.8707	*	*
15	* 0.9378	* 0.9462	* 0.9082	* 0.7971	* F-SUB-Q			
	* 2.5938	* 2.5600	* 2.6940	* 3.2286	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4154	* 1.5074	* 1.6020	* 1.4559	* 1.7838	* 1.5508	* 1.8185	* 0.9357
	* 2.1339	* 1.9972	* 1.8765	* 2.0095	* 1.6067	* 1.8432	* 1.5523	* 2.7517
9	* 1.5074	* 1.7973	* 1.5261	* 1.7888	* 1.5266	* 1.7276	* 1.9014	* 0.9410
	* 1.9972	* 1.6709	* 1.9674	* 1.6729	* 1.8989	* 1.6730	* 1.5014	* 2.7337
10	* 1.6020	* 1.5284	* 1.8272	* 1.7518	* 1.8432	* 1.6912	* 1.8984	* 0.9105
	* 1.8765	* 1.9642	* 1.6398	* 1.7064	* 1.6092	* 1.7403	* 1.5427	* 2.8489
11	* 1.4559	* 1.7895	* 1.7517	* 1.8742	* 1.8540	* 1.8325	* 1.8817	* 0.8014
	* 2.0095	* 1.6722	* 1.7064	* 1.5911	* 1.6068	* 1.6190	* 1.5588	* 3.3504
12	* 1.7838	* 1.5256	* 1.8372	* 1.8490	* 1.7493	* 1.8738	* 1.1370	*
	* 1.6067	* 1.8996	* 1.6142	* 1.6114	* 1.7026	* 1.5838	* 2.3911	*
13	* 1.5508	* 1.7246	* 1.6882	* 1.8228	* 1.8543	* 0.9989	* 0.7084	*
	* 1.8432	* 1.6750	* 1.7431	* 1.6269	* 1.6003	* 2.9378	* 3.7955	*
14	* 1.8185	* 1.8998	* 1.8947	* 1.8740	* 1.1298	* 0.6642	*	*
	* 1.5523	* 1.5017	* 1.5454	* 1.5649	* 2.4057	* 4.0479	*	*
15	* 0.9357	* 0.9419	* 0.9102	* 0.7986	* F-SUB-Q			
	* 2.7517	* 2.7225	* 2.8469	* 3.3592	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4123	* 1.5065	* 1.6112	* 1.4518	* 1.7971	* 1.5512	* 1.8361	* 0.9227
	* 2.2377	* 2.0932	* 1.9554	* 2.1462	* 1.6988	* 1.9595	* 1.6362	* 2.9656
9	* 1.5065	* 1.8091	* 1.5246	* 1.8001	* 1.5253	* 1.7326	* 1.9199	* 0.9291
	* 2.0932	* 1.7410	* 2.0664	* 1.7442	* 2.0244	* 1.7773	* 1.5823	* 2.9439
10	* 1.6112	* 1.5270	* 1.8320	* 1.7550	* 1.8606	* 1.6979	* 1.9187	* 0.8939
	* 1.9554	* 2.0631	* 1.7166	* 1.7869	* 1.6689	* 1.8197	* 1.6020	* 3.0876
11	* 1.4518	* 1.8008	* 1.7550	* 1.8910	* 1.8661	* 1.8526	* 1.9039	* 0.7883
	* 2.1462	* 1.7435	* 1.7869	* 1.6469	* 1.6675	* 1.6741	* 1.6129	* 3.5680
12	* 1.7971	* 1.5242	* 1.8543	* 1.8605	* 1.7576	* 1.8935	* 1.1156	
	* 1.6988	* 2.0252	* 1.6742	* 1.6725	* 1.7686	* 1.6349	* 2.5444	
13	* 1.5512	* 1.7294	* 1.6947	* 1.8423	* 1.8735	* 1.0072	* 0.6956	
	* 1.9595	* 1.7794	* 1.8226	* 1.6831	* 1.6522	* 3.0389	* 4.0207	
14	* 1.8361	* 1.9182	* 1.9148	* 1.8957	* 1.1084	* 0.6503		
	* 1.6362	* 1.5826	* 1.6049	* 1.6194	* 2.5603	* 4.3002		
15	* 0.9227	* 0.9300	* 0.8929	* 0.7856	F-SUB-Q			
	* 2.9656	* 2.9316	* 3.0853	* 3.5775	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3922	* 1.4865	* 1.5921	* 1.4318	* 1.7791	* 1.5324	* 1.8207	* 0.9113
	* 2.3009	* 2.1450	* 1.9992	* 2.2097	* 1.7770	* 2.0619	* 1.7372	* 3.1956
9	* 1.4865	* 1.7889	* 1.5045	* 1.7800	* 1.5057	* 1.7140	* 1.9062	* 0.9175
	* 2.1450	* 1.7813	* 2.1162	* 1.7899	* 2.1024	* 1.8553	* 1.6669	* 3.1534
10	* 1.5921	* 1.5071	* 1.8116	* 1.7341	* 1.8457	* 1.6819	* 1.9066	* 0.8828
	* 1.9992	* 2.1126	* 1.7618	* 1.8414	* 1.7362	* 1.8942	* 1.6726	* 3.2698
11	* 1.4318	* 1.7808	* 1.7341	* 1.8763	* 1.8518	* 1.8404	* 1.8939	* 0.7794
	* 2.2097	* 1.7891	* 1.8414	* 1.7198	* 1.7429	* 1.7489	* 1.6923	* 3.7617
12	* 1.7791	* 1.5047	* 1.8393	* 1.8461	* 1.7410	* 1.8807	* 1.1052	
	* 1.7770	* 2.1037	* 1.7419	* 1.7482	* 1.8532	* 1.7153	* 2.6812	
13	* 1.5324	* 1.7107	* 1.6787	* 1.8299	* 1.8604	* 0.9993	* 0.6873	
	* 2.0619	* 1.8587	* 1.8976	* 1.7559	* 1.7338	* 3.2082	* 4.2722	
14	* 1.8207	* 1.9044	* 1.9025	* 1.8855	* 1.0978	* 0.6419		
	* 1.7372	* 1.6682	* 1.6759	* 1.6995	* 2.6985	* 4.5734		
15	* 0.9113	* 0.9183	* 0.8818	* 0.7767	F-SUB-Q			
	* 3.1956	* 3.1474	* 3.2705	* 3.7725	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3575	1.4500	1.5488	1.3975	1.7334	1.4964	1.7770	0.9004
	2.2961	2.1398	2.0000	2.2025	1.7726	2.0511	1.7294	3.1379
9	1.4500	1.7413	1.4679	1.7333	1.4698	1.6749	1.8644	0.9053
	2.1398	1.7810	2.1103	1.7892	2.0950	1.8478	1.6590	3.1072
10	1.5488	1.4705	1.7696	1.6930	1.8033	1.6463	1.8664	0.8741
	2.0000	2.1066	1.7557	1.8365	1.7317	1.8842	1.6642	3.2095
11	1.3975	1.7342	1.6930	1.8346	1.8145	1.7998	1.8554	0.7730
	2.2025	1.7883	1.8364	1.7154	1.7376	1.7437	1.6838	3.6927
12	1.7334	1.4687	1.7968	1.8087	1.7037	1.8398	1.1011	
	1.7726	2.0962	1.7376	1.7423	1.8561	1.7131	2.6231	
13	1.4964	1.6716	1.6430	1.7892	1.8193	0.9745	0.6803	
	2.0511	1.8513	1.8877	1.7511	1.7318	3.2162	4.2226	
14	1.7770	1.8626	1.8622	1.8468	1.0935	0.6356		
	1.7294	1.6604	1.6676	1.6911	2.6405	4.5172		
15	0.9004	0.9060	0.8737	0.7700	F-SUB-Q			
	3.1379	3.1012	3.2096	3.7041	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3416	1.4355	1.5423	1.3800	1.7285	1.4824	1.7762	0.8797
	2.2123	2.0516	1.9045	2.1164	1.6975	1.9778	1.6538	3.0401
9	1.4355	1.7355	1.4528	1.7269	1.4543	1.6632	1.8640	0.8852
	2.0516	1.7003	2.0281	1.7111	2.0181	1.7812	1.5910	3.0103
10	1.5423	1.4555	1.7567	1.6795	1.8021	1.6369	1.8677	0.8514
	1.9045	2.0244	1.6909	1.7712	1.6646	1.8179	1.5976	3.1235
11	1.3800	1.7278	1.6795	1.8328	1.8086	1.8013	1.8587	0.7535
	2.1164	1.7102	1.7711	1.6567	1.6858	1.6777	1.6172	3.5868
12	1.7285	1.4532	1.7954	1.8025	1.6944	1.8407	1.0704	
	1.6975	2.0192	1.6700	1.6903	1.8068	1.6501	2.5758	
13	1.4824	1.6597	1.6334	1.7903	1.8199	0.9722	0.6615	
	1.9778	1.7844	1.8210	1.6837	1.6675	3.0741	4.1048	
14	1.7762	1.8621	1.8633	1.8499	1.0629	0.6162		
	1.6538	1.5921	1.6006	1.6238	2.5925	4.4031		
15	0.8797	0.8860	0.8503	0.7506	F-SUB-Q			
	3.0401	3.0046	3.1263	3.5969	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3140	* 1.4077	* 1.5156	* 1.3516	* 1.7007	* 1.4543	* 1.7513	* 0.8601
	* 2.0587	* 1.9092	* 1.7700	* 1.9641	* 1.5652	* 1.8278	* 1.5226	* 2.8208
9	* 1.4077	* 1.7066	* 1.4244	* 1.6980	* 1.4258	* 1.6339	* 1.8395	* 0.8656
	* 1.9092	* 1.5793	* 1.8882	* 1.5882	* 1.8709	* 1.6505	* 1.4662	* 2.7945
10	* 1.5156	* 1.4272	* 1.7259	* 1.6489	* 1.7769	* 1.6107	* 1.8449	* 0.8320
	* 1.7700	* 1.8846	* 1.5710	* 1.6478	* 1.5400	* 1.6851	* 1.4758	* 2.9094
11	* 1.3516	* 1.6989	* 1.6489	* 1.8073	* 1.7826	* 1.7786	* 1.8381	* 0.7368
	* 1.9641	* 1.5873	* 1.6477	* 1.5318	* 1.5594	* 1.5496	* 1.4906	* 3.3509
12	* 1.7007	* 1.4246	* 1.7701	* 1.7764	* 1.6675	* 1.8172	* 1.0466	
	* 1.5652	* 1.8719	* 1.5452	* 1.5639	* 1.6744	* 1.5242	* 2.3997	
13	* 1.4543	* 1.6304	* 1.6071	* 1.7674	* 1.7963	* 0.9580	* 0.6456	
	* 1.8278	* 1.6530	* 1.6879	* 1.5555	* 1.5406	* 2.8412	* 3.8303	
14	* 1.7513	* 1.8376	* 1.8404	* 1.8291	* 1.0390	* 0.6006		
	* 1.5226	* 1.4672	* 1.4785	* 1.4971	* 2.4156	* 4.1142		
15	* 0.8601	* 0.8663	* 0.8309	* 0.7341	F-SUB-Q			
	* 2.8208	* 2.7882	* 2.9115	* 3.3593	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2805	* 1.3727	* 1.4785	* 1.3171	* 1.6607	* 1.4187	* 1.7124	* 0.8414
	* 1.9238	* 1.7809	* 1.6495	* 1.8377	* 1.4618	* 1.7094	* 1.4210	* 2.6358
9	* 1.3727	* 1.6659	* 1.3889	* 1.6575	* 1.3902	* 1.5959	* 1.8012	* 0.8461
	* 1.7809	* 1.4706	* 1.7605	* 1.4812	* 1.7493	* 1.5407	* 1.3646	* 2.6100
10	* 1.4785	* 1.3917	* 1.6857	* 1.6092	* 1.7386	* 1.5746	* 1.8075	* 0.8137
	* 1.6495	* 1.7570	* 1.4621	* 1.5358	* 1.4351	* 1.5689	* 1.3701	* 2.7139
11	* 1.3171	* 1.6584	* 1.6092	* 1.7691	* 1.7454	* 1.7418	* 1.8020	* 0.7218
	* 1.8377	* 1.4803	* 1.5357	* 1.4310	* 1.4567	* 1.4431	* 1.3852	* 3.1112
12	* 1.6607	* 1.3890	* 1.7317	* 1.7391	* 1.6298	* 1.7796	* 1.0284	
	* 1.4617	* 1.7503	* 1.4400	* 1.4607	* 1.5682	* 1.4248	* 2.2304	
13	* 1.4187	* 1.5923	* 1.5710	* 1.7305	* 1.7586	* 0.9355	* 0.6313	
	* 1.7094	* 1.5431	* 1.5718	* 1.4487	* 1.4403	* 2.6641	* 3.5860	
14	* 1.7124	* 1.7992	* 1.8030	* 1.7929	* 1.0208	* 0.5869		
	* 1.4210	* 1.3656	* 1.3729	* 1.3913	* 2.2454	* 3.8539		
15	* 0.8414	* 0.8468	* 0.8125	* 0.7188	F-SUB-Q			
	* 2.6358	* 2.6043	* 2.7156	* 3.1209	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2387	* 1.3282	* 1.4271	* 1.2751	* 1.6042	* 1.3730	* 1.6556	* 0.8230
	* 1.9647	* 1.8236	* 1.6955	* 1.8840	* 1.5035	* 1.7550	* 1.4605	* 2.6822
9	* 1.3282	* 1.6086	* 1.3444	* 1.6007	* 1.3452	* 1.5451	* 1.7446	* 0.8267
	* 1.8236	* 1.5113	* 1.8043	* 1.5223	* 1.7945	* 1.5782	* 1.3971	* 2.6540
10	* 1.4271	* 1.3471	* 1.6329	* 1.5577	* 1.6821	* 1.5261	* 1.7517	* 0.7968
	* 1.6955	* 1.8007	* 1.4972	* 1.5745	* 1.4680	* 1.6046	* 1.4011	* 2.7443
11	* 1.2751	* 1.6017	* 1.5577	* 1.7130	* 1.6931	* 1.6866	* 1.7474	* 0.7083
	* 1.8840	* 1.5214	* 1.5744	* 1.4574	* 1.4794	* 1.4735	* 1.4122	* 3.1472
12	* 1.6042	* 1.3440	* 1.6752	* 1.6869	* 1.5790	* 1.7232	* 1.0138	
	* 1.5035	* 1.7956	* 1.4734	* 1.4842	* 1.5924	* 1.4481	* 2.2335	
13	* 1.3730	* 1.5415	* 1.5225	* 1.6755	* 1.7024	* 0.9047	* 0.6189	
	* 1.7550	* 1.5812	* 1.6077	* 1.4807	* 1.4646	* 2.7059	* 3.6014	
14	* 1.6556	* 1.7426	* 1.7472	* 1.7383	* 1.0062	* 0.5759		
	* 1.4605	* 1.3982	* 1.4041	* 1.4188	* 2.2490	* 3.8670		
15	* 0.8230	* 0.8274	* 0.7964	* 0.7052	F-SUB-Q			
	* 2.6822	* 2.6510	* 2.7447	* 3.1575	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2143	* 1.3042	* 1.4108	* 1.2482	* 1.5860	* 1.3473	* 1.6392	* 0.7944
	* 1.8464	* 1.7174	* 1.5869	* 1.7857	* 1.4116	* 1.6606	* 1.3695	* 2.5842
9	* 1.3042	* 1.5917	* 1.3196	* 1.5830	* 1.3190	* 1.5193	* 1.7266	* 0.7987
	* 1.7174	* 1.4130	* 1.7012	* 1.4256	* 1.6984	* 1.4873	* 1.3084	* 2.5510
10	* 1.4108	* 1.3225	* 1.6084	* 1.5324	* 1.6647	* 1.5014	* 1.7345	* 0.7673
	* 1.5869	* 1.6976	* 1.4057	* 1.4808	* 1.3722	* 1.5094	* 1.3086	* 2.6477
11	* 1.2483	* 1.5839	* 1.5325	* 1.6949	* 1.6703	* 1.6709	* 1.7313	* 0.6812
	* 1.7857	* 1.4247	* 1.4807	* 1.3616	* 1.3849	* 1.3748	* 1.3171	* 3.0280
12	* 1.5860	* 1.3178	* 1.6577	* 1.6640	* 1.5541	* 1.7061	* 0.9707	
	* 1.4116	* 1.6995	* 1.3774	* 1.3898	* 1.4888	* 1.3497	* 2.1580	
13	* 1.3473	* 1.5156	* 1.4978	* 1.6595	* 1.6853	* 0.8933	* 0.5938	
	* 1.6606	* 1.4904	* 1.5126	* 1.3820	* 1.3654	* 2.5278	* 3.4709	
14	* 1.6392	* 1.7246	* 1.7299	* 1.7221	* 0.9634	* 0.5509		
	* 1.3695	* 1.3096	* 1.3115	* 1.3234	* 2.1733	* 3.7388		
15	* 0.7944	* 0.7993	* 0.7662	* 0.6783	F-SUB-Q			
	* 2.5842	* 2.5484	* 2.6505	* 3.0383	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1765	* 1.2641	* 1.3687	* 1.2084	* 1.5381	* 1.3048	* 1.5903	* 0.7679
	* 1.7763	* 1.6567	* 1.5309	* 1.7295	* 1.3647	* 1.6079	* 1.3235	* 2.5111
9	* 1.2641	* 1.5458	* 1.2798	* 1.5372	* 1.2772	* 1.4731	* 1.6759	* 0.7719
	* 1.6567	* 1.3616	* 1.6419	* 1.3747	* 1.6442	* 1.4364	* 1.2621	* 2.4769
10	* 1.3687	* 1.2826	* 1.5636	* 1.4880	* 1.6153	* 1.4558	* 1.6837	* 0.7412
	* 1.5309	* 1.6383	* 1.3526	* 1.4270	* 1.3205	* 1.4564	* 1.2604	* 2.5696
11	* 1.2084	* 1.5381	* 1.4880	* 1.6461	* 1.6225	* 1.6221	* 1.6802	* 0.6580
	* 1.7295	* 1.3738	* 1.4269	* 1.3054	* 1.3266	* 1.3194	* 1.2660	* 2.9354
12	* 1.5381	* 1.2760	* 1.6085	* 1.6163	* 1.5074	* 1.6553	* 0.9382	*
	* 1.3647	* 1.6453	* 1.3257	* 1.3314	* 1.4262	* 1.2945	* 2.0823	*
13	* 1.3048	* 1.4695	* 1.4522	* 1.6109	* 1.6349	* 0.8636	* 0.5723	*
	* 1.6079	* 1.4395	* 1.4596	* 1.3280	* 1.3098	* 2.4335	* 3.3578	*
14	* 1.5903	* 1.6739	* 1.6792	* 1.6711	* 0.9310	* 0.5306	*	*
	* 1.3235	* 1.2634	* 1.2634	* 1.2723	* 2.0975	* 3.6195	*	*
15	* 0.7679	* 0.7725	* 0.7401	* 0.6551	* F-SUB-Q			
	* 2.5111	* 2.4744	* 2.5727	* 2.9460	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1236	* 1.2058	* 1.2966	* 1.1540	* 1.4556	* 1.2435	* 1.5031	* 0.7425
	* 1.7585	* 1.6431	* 1.5294	* 1.7158	* 1.3658	* 1.5983	* 1.3260	* 2.4637
9	* 1.2058	* 1.4662	* 1.2234	* 1.4588	* 1.2182	* 1.4043	* 1.5864	* 0.7453
	* 1.6431	* 1.3583	* 1.6245	* 1.3708	* 1.6328	* 1.4260	* 1.2612	* 2.4322
10	* 1.2966	* 1.2261	* 1.4950	* 1.4216	* 1.5289	* 1.3866	* 1.5928	* 0.7189
	* 1.5294	* 1.6210	* 1.3373	* 1.4125	* 1.3180	* 1.4459	* 1.2589	* 2.5100
11	* 1.1540	* 1.4598	* 1.4216	* 1.5615	* 1.5462	* 1.5345	* 1.5868	* 0.6375
	* 1.7158	* 1.3699	* 1.4124	* 1.2979	* 1.3121	* 1.3155	* 1.2650	* 2.8692
12	* 1.4556	* 1.2171	* 1.5224	* 1.5403	* 1.4360	* 1.5652	* 0.9139	*
	* 1.3658	* 1.6340	* 1.3232	* 1.3168	* 1.4106	* 1.2905	* 2.0192	*
13	* 1.2435	* 1.4009	* 1.3832	* 1.5239	* 1.5456	* 0.8116	* 0.5531	*
	* 1.5983	* 1.4291	* 1.4492	* 1.3242	* 1.3063	* 2.4421	* 3.2831	*
14	* 1.5031	* 1.5845	* 1.5885	* 1.5782	* 0.9068	* 0.5139	*	*
	* 1.3260	* 1.2625	* 1.2620	* 1.2714	* 2.0343	* 3.5316	*	*
15	* 0.7425	* 0.7459	* 0.7184	* 0.6346	* F-SUB-Q			
	* 2.4637	* 2.4298	* 2.5110	* 2.8802	* M-SUB-Q			



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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0829	* 1.1640	* 1.2524	* 1.1127	* 1.3997	* 1.1962	* 1.4438	* 0.7042
	* 1.7443	* 1.6270	* 1.5140	* 1.7021	* 1.3582	* 1.5890	* 1.3200	* 2.4885
9	* 1.1640	* 1.4158	* 1.1811	* 1.4092	* 1.1731	* 1.3532	* 1.5207	* 0.7072
	* 1.6270	* 1.3445	* 1.6091	* 1.3564	* 1.6216	* 1.4139	* 1.2568	* 2.4546
10	* 1.2524	* 1.1837	* 1.4478	* 1.3760	* 1.4704	* 1.3340	* 1.5259	* 0.6786
	* 1.5140	* 1.6056	* 1.3188	* 1.3940	* 1.3082	* 1.4353	* 1.2546	* 2.5463
11	* 1.1127	* 1.4101	* 1.3760	* 1.5024	* 1.4910	* 1.4748	* 1.5174	* 0.5996
	* 1.7021	* 1.3556	* 1.3939	* 1.2866	* 1.2969	* 1.3054	* 1.2620	* 2.9192
12	* 1.3997	* 1.1720	* 1.4643	* 1.4853	* 1.3844	* 1.5002	* 0.8564	
	* 1.3582	* 1.6227	* 1.3134	* 1.3016	* 1.3948	* 1.2840	* 2.0583	
13	* 1.1962	* 1.3499	* 1.3307	* 1.4647	* 1.4818	* 0.7708	* 0.5180	
	* 1.5890	* 1.4170	* 1.4386	* 1.3140	* 1.2995	* 2.4559	* 3.3530	
14	* 1.4438	* 1.5189	* 1.5218	* 1.5092	* 0.8498	* 0.4800		
	* 1.3200	* 1.2582	* 1.2578	* 1.2685	* 2.0738	* 3.6167		
15	* 0.7042	* 0.7078	* 0.6775	* 0.5969	F-SUB-Q			
	* 2.4885	* 2.4523	* 2.5496	* 2.9305	M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9988	* 1.0906	* 1.1679	* 1.0467	* 1.2853	* 1.1057	* 1.3231	* 0.6617
	* 1.8264	* 1.6757	* 1.5666	* 1.7468	* 1.4274	* 1.6594	* 1.3899	* 2.5613
9	* 1.0906	* 1.2985	* 1.0970	* 1.2977	* 1.0889	* 1.2460	* 1.3908	* 0.6613
	* 1.6757	* 1.4145	* 1.6728	* 1.4210	* 1.6858	* 1.4818	* 1.3253	* 2.5381
10	* 1.1679	* 1.0997	* 1.3365	* 1.2794	* 1.3588	* 1.2301	* 1.3950	* 0.6341
	* 1.5666	* 1.6693	* 1.3770	* 1.4454	* 1.3654	* 1.5011	* 1.3230	* 2.6348
11	* 1.0467	* 1.2984	* 1.2795	* 1.3820	* 1.3775	* 1.3589	* 1.3896	* 0.5545
	* 1.7468	* 1.4202	* 1.4454	* 1.3472	* 1.3515	* 1.3646	* 1.3280	* 3.0526
12	* 1.2853	* 1.0880	* 1.3558	* 1.3732	* 1.2785	* 1.3715	* 0.7975	
	* 1.4274	* 1.6870	* 1.3708	* 1.3555	* 1.4549	* 1.3533	* 2.1335	
13	* 1.1057	* 1.2431	* 1.2270	* 1.3500	* 1.3551	* 0.6902	* 0.4750	
	* 1.6594	* 1.4851	* 1.5047	* 1.3731	* 1.3692	* 2.6490	* 3.5372	
14	* 1.3231	* 1.3891	* 1.3912	* 1.3822	* 0.7914	* 0.4392		
	* 1.3899	* 1.3268	* 1.3264	* 1.3348	* 2.1495	* 3.8241		
15	* 0.6617	* 0.6624	* 0.6331	* 0.5519	F-SUB-Q			
	* 2.5613	* 2.5334	* 2.6383	* 3.0649	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 75% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8059	* 0.9203	* 1.1561	* 0.8836	* 1.1925	* 0.8989	* 1.1847	* 0.5706
	* 2.2041	* 1.9317	* 1.5373	* 2.0137	* 1.4944	* 1.9843	* 1.5092	* 2.8976
9	* 0.9203	* 1.1143	* 0.8991	* 1.1076	* 0.9005	* 1.0093	* 1.2168	* 0.5566
	* 1.9317	* 1.6005	* 1.9870	* 1.6176	* 1.9885	* 1.7785	* 1.4727	* 2.9415
10	* 1.1561	* 0.9010	* 1.0842	* 1.0735	* 1.1790	* 1.0115	* 1.2168	* 0.5372
	* 1.5373	* 1.9830	* 1.6507	* 1.6775	* 1.5278	* 1.7772	* 1.4740	* 3.0335
11	* 0.8836	* 1.1068	* 1.0723	* 1.2096	* 1.1352	* 1.2707	* 1.1669	* 0.4603
	* 2.0137	* 1.6173	* 1.6786	* 1.4927	* 1.5911	* 1.4154	* 1.5375	* 3.5870
12	* 1.1925	* 0.8999	* 1.1763	* 1.1321	* 1.0370	* 1.1136	* 0.6761	
	* 1.4944	* 1.9897	* 1.5311	* 1.5953	* 1.7425	* 1.6186	* 2.4509	
13	* 0.8989	* 1.0073	* 1.0077	* 1.2638	* 1.1005	* 0.5365	* 0.3857	
	* 1.9843	* 1.7817	* 1.7836	* 1.4230	* 1.6377	* 3.3234	* 4.2544	
14	* 1.1847	* 1.2153	* 1.2139	* 1.1611	* 0.6711	* 0.3562		
	* 1.5092	* 1.4744	* 1.4773	* 1.5450	* 2.4689	* 4.6050		
15	* 0.5706	* 0.5579	* 0.5368	* 0.4581	* F-SUB-Q			
	* 2.8976	* 2.9329	* 3.0352	* 3.6020	* M-SUB-Q			

AT 75% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3450	* 0.3813	* 0.4515	* 0.3870	* 0.4571	* 0.3823	* 0.4202	* 0.2346
	* 5.0297	* 4.5514	* 3.8390	* 4.4946	* 3.8034	* 4.5606	* 4.1530	* 6.8958
9	* 0.3813	* 0.4368	* 0.3886	* 0.4547	* 0.3955	* 0.3930	* 0.4266	* 0.2277
	* 4.5514	* 3.9770	* 4.4870	* 3.8399	* 4.4215	* 4.4530	* 4.0973	* 7.0311
10	* 0.4515	* 0.3891	* 0.4167	* 0.4287	* 0.4782	* 0.4112	* 0.4262	* 0.2214
	* 3.8390	* 4.4811	* 4.1973	* 4.0962	* 3.6689	* 4.2649	* 4.1048	* 7.2024
11	* 0.3870	* 0.4545	* 0.4282	* 0.4872	* 0.4401	* 0.4734	* 0.4072	* 0.1924
	* 4.4946	* 3.8411	* 4.1000	* 3.6040	* 3.9973	* 3.7038	* 4.3006	* 8.3984
12	* 0.4571	* 0.3953	* 0.4772	* 0.4391	* 0.4043	* 0.4099	* 0.2795	
	* 3.8034	* 4.4244	* 3.6764	* 4.0064	* 4.3547	* 4.2816	* 5.7911	
13	* 0.3823	* 0.3921	* 0.4096	* 0.4709	* 0.4061	* 0.3101	* 0.1527	
	* 4.5606	* 4.4621	* 4.2808	* 3.7227	* 4.3206	* 5.6508	* 10.5407	
14	* 0.4202	* 0.4261	* 0.4252	* 0.4052	* 0.2775	* 0.1459		
	* 4.1530	* 4.1023	* 4.1142	* 4.3217	* 5.8337	* 11.0314		
15	* 0.2346	* 0.2283	* 0.2212	* 0.1915	* F-SUB-Q			
	* 6.8958	* 7.0138	* 7.2071	* 8.4350	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4509	* 0.5232	* 0.6187	* 0.5419	* 0.6221	* 0.5251	* 0.5516	* 0.3139
	* 5.5886	* 5.4674	* 4.6277	* 5.0859	* 4.3860	* 5.1852	* 4.9155	* 7.9256
9	* 0.5232	* 0.5976	* 0.5400	* 0.6238	* 0.5460	* 0.5334	* 0.5541	* 0.3075
	* 5.4674	* 4.8284	* 5.2976	* 4.5358	* 5.0972	* 5.1690	* 4.9286	* 8.0556
10	* 0.6187	* 0.5401	* 0.5820	* 0.5902	* 0.6367	* 0.5466	* 0.5486	* 0.3024
	* 4.6277	* 5.2961	* 4.9808	* 4.8537	* 4.4809	* 5.1971	* 5.0803	* 8.2295
11	* 0.5419	* 0.6235	* 0.5899	* 0.6467	* 0.5763	* 0.6004	* 0.5158	* 0.2530
	* 5.0859	* 4.5377	* 4.8571	* 4.3781	* 4.8449	* 4.6331	* 5.4761	* 10.2677
12	* 0.6221	* 0.5456	* 0.6359	* 0.5757	* 0.5041	* 0.4965	* 0.3531	
	* 4.3860	* 5.0999	* 4.4876	* 4.8517	* 5.2119	* 5.2599	* 7.1570	
13	* 0.5251	* 0.5327	* 0.5456	* 0.5986	* 0.4939	* 0.3838	* 0.1957	
	* 5.1852	* 5.1740	* 5.2088	* 4.6485	* 5.2908	* 6.5918	* 12.4250	
14	* 0.5516	* 0.5537	* 0.5479	* 0.5145	* 0.3514	* 0.1900		
	* 4.9155	* 4.9297	* 5.0839	* 5.4941	* 7.1940	* 12.7979		
15	* 0.3139	* 0.3081	* 0.3023	* 0.2523	F-SUB-Q			
	* 7.9256	* 8.0369	* 8.2272	* 10.2801	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0708	* 1.2285	* 1.4967	* 1.2005	* 1.5287	* 1.1972	* 1.4669	* 0.7564
	* 2.6315	* 2.4167	* 1.9773	* 2.3840	* 1.8532	* 2.3544	* 1.9156	* 3.4076
9	* 1.2285	* 1.4359	* 1.2128	* 1.4350	* 1.2127	* 1.3189	* 1.4882	* 0.7489
	* 2.4167	* 2.0751	* 2.4460	* 2.0425	* 2.3646	* 2.1649	* 1.9074	* 3.4276
10	* 1.4967	* 1.2135	* 1.4326	* 1.4179	* 1.4854	* 1.2976	* 1.4747	* 0.7282
	* 1.9773	* 2.4446	* 2.0879	* 2.0902	* 1.9930	* 2.2587	* 1.9608	* 3.5386
11	* 1.2005	* 1.4344	* 1.4171	* 1.5147	* 1.4113	* 1.5279	* 1.3867	* 0.6064
	* 2.3840	* 2.0431	* 2.0916	* 1.9326	* 2.0416	* 1.8891	* 2.0936	* 4.4471
12	* 1.5287	* 1.2118	* 1.4835	* 1.4095	* 1.2648	* 1.3155	* 0.8587	
	* 1.8532	* 2.3660	* 1.9961	* 2.0448	* 2.1660	* 2.1147	* 3.0578	
13	* 1.1972	* 1.3172	* 1.2951	* 1.5233	* 1.3049	* 0.6450	* 0.5035	
	* 2.3544	* 2.1672	* 2.2644	* 1.8956	* 2.1330	* 4.2036	* 5.0248	
14	* 1.4669	* 1.4873	* 1.4729	* 1.3828	* 0.8545	* 0.4815		
	* 1.9156	* 1.9077	* 1.9622	* 2.1005	* 3.0738	* 5.2532		
15	* 0.7564	* 0.7506	* 0.7281	* 0.6048	F-SUB-Q			
	* 3.4076	* 3.4189	* 3.5372	* 4.4526	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3413	* 1.4429	* 1.4897	* 1.4090	* 1.6198	* 1.4578	* 1.6257	* 0.8877
	* 2.2407	* 2.1172	* 2.0436	* 2.0852	* 1.7850	* 1.9789	* 1.7684	* 2.9661
9	* 1.4429	* 1.6518	* 1.4633	* 1.6568	* 1.4520	* 1.6086	* 1.6875	* 0.8938
	* 2.1172	* 1.8657	* 2.0803	* 1.8363	* 2.0097	* 1.8179	* 1.7217	* 2.9275
10	* 1.4897	* 1.4644	* 1.7300	* 1.6864	* 1.6808	* 1.5577	* 1.6703	* 0.8669
	* 2.0436	* 2.0786	* 1.7688	* 1.8178	* 1.7974	* 1.9162	* 1.7810	* 3.0457
11	* 1.4090	* 1.6570	* 1.6862	* 1.6924	* 1.6918	* 1.6296	* 1.6286	* 0.7401
	* 2.0852	* 1.8360	* 1.8181	* 1.7641	* 1.7462	* 1.8254	* 1.8273	* 3.7374
12	* 1.6198	* 1.4510	* 1.6786	* 1.6889	* 1.6042	* 1.6292	* 1.0388	
	* 1.7850	* 2.0108	* 1.8001	* 1.7495	* 1.8181	* 1.7878	* 2.6060	
13	* 1.4578	* 1.6064	* 1.5557	* 1.6246	* 1.6153	* 0.8267	* 0.6322	
	* 1.9789	* 1.8197	* 1.9177	* 1.8332	* 1.8038	* 3.4226	* 4.1389	
14	* 1.6257	* 1.6864	* 1.6678	* 1.6234	* 1.0334	* 0.5984		
	* 1.7684	* 1.7221	* 1.7822	* 1.8339	* 2.6205	* 4.3723		
15	* 0.8877	* 0.8955	* 0.8668	* 0.7380	F-SUB-Q			
	* 2.9661	* 2.9189	* 3.0443	* 3.7473	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4654	* 1.5543	* 1.6236	* 1.5095	* 1.7952	* 1.5944	* 1.8091	* 0.9398
	* 2.1256	* 2.0226	* 1.9432	* 2.0048	* 1.6560	* 1.8586	* 1.6289	* 2.8711
9	* 1.5543	* 1.8296	* 1.5873	* 1.8270	* 1.5789	* 1.7735	* 1.8833	* 0.9508
	* 2.0226	* 1.7377	* 1.9715	* 1.7115	* 1.9007	* 1.6935	* 1.5844	* 2.8274
10	* 1.6236	* 1.5888	* 1.8971	* 1.8342	* 1.8494	* 1.7168	* 1.8663	* 0.9180
	* 1.9432	* 1.9693	* 1.6563	* 1.7172	* 1.6866	* 1.7877	* 1.6384	* 2.9554
11	* 1.5095	* 1.8273	* 1.8340	* 1.8689	* 1.8705	* 1.8093	* 1.8213	* 0.7918
	* 2.0048	* 1.7111	* 1.7171	* 1.6398	* 1.6324	* 1.6960	* 1.6861	* 3.6023
12	* 1.7952	* 1.5777	* 1.8467	* 1.8669	* 1.7776	* 1.8302	* 1.1062	
	* 1.6560	* 1.9017	* 1.6893	* 1.6364	* 1.6994	* 1.6495	* 2.5314	
13	* 1.5944	* 1.7709	* 1.7144	* 1.8032	* 1.8135	* 0.9456	* 0.6845	
	* 1.8586	* 1.6953	* 1.7892	* 1.7040	* 1.6653	* 3.1069	* 3.9626	
14	* 1.8091	* 1.8820	* 1.8634	* 1.8151	* 1.1001	* 0.6463		
	* 1.6289	* 1.5848	* 1.6395	* 1.6926	* 2.5464	* 4.1973		
15	* 0.9398	* 0.9526	* 0.9179	* 0.7897	F-SUB-Q			
	* 2.8711	* 2.8185	* 2.9539	* 3.6088	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5004	1.5933	1.6775	1.5441	1.8657	1.6420	1.8887	0.9692
	2.1614	2.0529	1.9495	2.0314	1.6504	1.8695	1.6148	2.8824
9	1.5933	1.8923	1.6256	1.8893	1.6220	1.8306	1.9717	0.9794
	2.0529	1.7409	1.9915	1.7113	1.9179	1.6994	1.5661	2.8444
10	1.6775	1.6274	1.9485	1.8800	1.9252	1.7777	1.9580	0.9453
	1.9495	1.9889	1.6672	1.7295	1.6841	1.7838	1.6154	2.9743
11	1.5441	1.8897	1.8797	1.9524	1.9435	1.8924	1.9184	0.8210
	2.0314	1.7107	1.7295	1.6323	1.6330	1.6835	1.6634	3.5889
12	1.8657	1.6207	1.9222	1.9393	1.8427	1.9231	1.1553	
	1.6504	1.9189	1.6870	1.6373	1.7055	1.6335	2.5228	
13	1.6420	1.8277	1.7749	1.8855	1.9045	0.9997	0.7128	
	1.8695	1.7014	1.7857	1.6921	1.6502	3.0638	3.9672	
14	1.8887	1.9703	1.9546	1.9113	1.1485	0.6721		
	1.6148	1.5666	1.6169	1.6702	2.5386	4.2081		
15	0.9692	0.9810	0.9451	0.8186	F-SUB-Q			
	2.8824	2.8341	2.9727	3.5947	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5040	1.6007	1.6902	1.5518	1.8866	1.6542	1.9162	0.9837
	2.2485	2.1313	2.0153	2.1108	1.7069	1.9406	1.6625	2.9676
9	1.6007	1.9060	1.6313	1.9033	1.6320	1.8468	2.0055	0.9925
	2.1313	1.7899	2.0658	1.7676	1.9917	1.7602	1.6055	2.9353
10	1.6902	1.6333	1.9573	1.8875	1.9516	1.7991	1.9952	0.9599
	2.0153	2.0630	1.7266	1.7909	1.7299	1.8327	1.6486	3.0577
11	1.5518	1.9038	1.8872	1.9837	1.9712	1.9262	1.9617	0.8371
	2.1108	1.7669	1.7908	1.6810	1.6847	1.7279	1.6953	3.6551
12	1.8866	1.6307	1.9484	1.9668	1.8651	1.9616	1.1855	
	1.7069	1.9929	1.7346	1.6894	1.7656	1.6794	2.5750	
13	1.6542	1.8437	1.7961	1.9182	1.9418	1.0223	0.7284	
	1.9406	1.7625	1.8349	1.7370	1.6972	3.1505	4.0842	
14	1.9162	2.0039	1.9915	1.9541	1.1783	0.6860		
	1.6625	1.6063	1.6503	1.7025	2.5914	4.3373		
15	0.9837	0.9938	0.9596	0.8345	F-SUB-Q			
	2.9676	2.9242	3.0569	3.6630	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5052	1.6057	1.7040	1.5551	1.9066	1.6622	1.9430	0.9837
	2.3463	2.2137	2.0879	2.2137	1.7773	2.0335	1.7268	3.1308
9	1.6057	1.9212	1.6345	1.9190	1.6379	1.8597	2.0355	0.9927
	2.2137	1.8496	2.1605	1.8373	2.0853	1.8368	1.6599	3.0927
10	1.7040	1.6367	1.9659	1.8944	1.9764	1.8160	2.0285	0.9569
	2.0879	2.1572	1.7985	1.8648	1.7744	1.9010	1.6987	3.2174
11	1.5551	1.9196	1.8943	2.0119	1.9941	1.9583	1.9995	0.8375
	2.2137	1.8367	1.8648	1.7388	1.7479	1.7789	1.7304	3.8039
12	1.9066	1.6365	1.9730	1.9894	1.8845	1.9956		1.1868
	1.7773	2.0866	1.7802	1.7529	1.8356	1.7344		2.6969
13	1.6622	1.8564	1.8128	1.9486	1.9749	1.0394		0.7285
	2.0335	1.8394	1.9035	1.7884	1.7532	3.2633		4.2989
14	1.9430	2.0338	2.0245	1.9914	1.1794	0.6844		
	1.7268	1.6608	1.7011	1.7376	2.7141	4.5761		
15	0.9837	0.9938	0.9566	0.8349	F-SUB-Q			
	3.1308	3.0847	3.2167	3.8144	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4910	1.5928	1.6944	1.5421	1.9001	1.6517	1.9410	0.9774
	2.4971	2.3552	2.2178	2.3673	1.8931	2.1725	1.8314	3.3279
9	1.5928	1.9109	1.6209	1.9089	1.6261	1.8508	2.0362	0.9859
	2.3552	1.9579	2.2928	1.9443	2.2276	1.9533	1.7572	3.2955
10	1.6944	1.6232	1.9524	1.8807	1.9728	1.8111	2.0318	0.9499
	2.2178	2.2891	1.9040	1.9740	1.8692	2.0076	1.7837	3.4289
11	1.5421	1.9095	1.8806	2.0113	1.9925	1.9614	2.0069	0.8336
	2.3673	1.9436	1.9740	1.8263	1.8368	1.8666	1.8156	4.0110
12	1.9001	1.6247	1.9693	1.9871	1.8796	1.9996	1.1834	
	1.8931	2.2292	1.8756	1.8424	1.9346	1.8192	2.8407	
13	1.6517	1.8473	1.8077	1.9509	1.9784	1.0414	0.7250	
	2.1725	1.9558	2.0110	1.8771	1.8392	3.4360	4.5487	
14	1.9410	2.0344	2.0276	1.9984	1.1757	0.6802		
	1.8314	1.7583	1.7869	1.8236	2.8594	4.8484		
15	0.9774	0.9871	0.9496	0.8308	F-SUB-Q			
	3.3279	3.2824	3.4284	4.0209	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4746	* 1.5773	* 1.6835	* 1.5257	* 1.8910	* 1.6370	* 1.9356	* 0.9655
	* 2.7216	* 2.5389	* 2.3697	* 2.5445	* 2.0036	* 2.2994	* 1.9291	* 3.5249
9	* 1.5773	* 1.8991	* 1.6041	* 1.8972	* 1.6104	* 1.8375	* 2.0316	* 0.9741
	* 2.5389	* 2.0936	* 2.4684	* 2.0841	* 2.3811	* 2.0857	* 1.8632	* 3.4921
10	* 1.6835	* 1.6065	* 1.9370	* 1.8645	* 1.9667	* 1.8004	* 2.0294	* 0.9375
	* 2.3697	* 2.4641	* 2.0440	* 2.1194	* 2.0015	* 2.1505	* 1.9003	* 3.6638
11	* 1.5257	* 1.8979	* 1.8644	* 2.0061	* 1.9848	* 1.9594	* 2.0074	* 0.8235
	* 2.5445	* 2.0833	* 2.1194	* 1.9604	* 1.9754	* 1.9999	* 1.9367	* 4.3082
12	* 1.8910	* 1.6090	* 1.9623	* 1.9789	* 1.8697	* 1.9977	* 1.1682	
	* 2.0036	* 2.3822	* 2.0080	* 1.9816	* 2.0890	* 1.9503	* 3.0760	
13	* 1.6370	* 1.8339	* 1.7969	* 1.9484	* 1.9761	* 1.0399	* 0.7161	
	* 2.2994	* 2.0883	* 2.1544	* 2.0114	* 1.9719	* 3.6821	* 4.9158	
14	* 1.9356	* 2.0297	* 2.0251	* 1.9986	* 1.1604	* 0.6706		
	* 1.9291	* 1.8637	* 1.9041	* 1.9448	* 3.0966	* 5.2490		
15	* 0.9655	* 0.9751	* 0.9365	* 0.8207	F-SUB-Q			
	* 3.5249	* 3.4779	* 3.6614	* 4.3197	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4331	* 1.5331	* 1.6307	* 1.4846	* 1.8344	* 1.5931	* 1.8802	* 0.9540
	* 3.0135	* 2.8066	* 2.6334	* 2.7666	* 2.1786	* 2.4902	* 2.0953	* 3.7552
9	* 1.5331	* 1.8402	* 1.5600	* 1.8391	* 1.5668	* 1.7891	* 1.9781	* 0.9606
	* 2.8066	* 2.3301	* 2.7408	* 2.3189	* 2.5819	* 2.2600	* 2.0167	* 3.7253
10	* 1.6307	* 1.5627	* 1.8838	* 1.8123	* 1.9134	* 1.7557	* 1.9775	* 0.9299
	* 2.6334	* 2.7360	* 2.2693	* 2.3523	* 2.2069	* 2.3463	* 2.0744	* 3.8698
11	* 1.4846	* 1.8399	* 1.8122	* 1.9532	* 1.9371	* 1.9079	* 1.9580	* 0.8174
	* 2.7666	* 2.3191	* 2.3523	* 2.1766	* 2.1918	* 2.2143	* 2.1303	* 4.6328
12	* 1.8344	* 1.5654	* 1.9079	* 1.9312	* 1.8223	* 1.9464	* 1.1668	
	* 2.1786	* 2.5831	* 2.2144	* 2.1986	* 2.3291	* 2.1726	* 3.3197	
13	* 1.5931	* 1.7854	* 1.7521	* 1.8969	* 1.9247	* 1.0113	* 0.7104	
	* 2.4902	* 2.2626	* 2.3485	* 2.2268	* 2.1969	* 4.1159	* 5.3738	
14	* 1.8802	* 1.9762	* 1.9731	* 1.9491	* 1.1589	* 0.6658		
	* 2.0953	* 2.0172	* 2.0760	* 2.1395	* 3.3413	* 5.7337		
15	* 0.9540	* 0.9614	* 0.9295	* 0.8144	F-SUB-Q			
	* 3.7552	* 3.7101	* 3.8673	* 4.6399	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4148	* 1.5160	* 1.6229	* 1.4646	* 1.8274	* 1.5756	* 1.8770	* 0.9310
	* 3.3295	* 3.0993	* 2.7833	* 2.9227	* 2.2810	* 2.6186	* 2.1834	* 3.9896
9	* 1.5160	* 1.8321	* 1.5410	* 1.8306	* 1.5481	* 1.7735	* 1.9741	* 0.9386
	* 3.0993	* 2.5206	* 2.9216	* 2.4439	* 2.7279	* 2.3799	* 2.1071	* 3.9597
10	* 1.6229	* 1.5436	* 1.8674	* 1.7950	* 1.9097	* 1.7421	* 1.9754	* 0.9033
	* 2.7833	* 2.9158	* 2.4339	* 2.5138	* 2.3677	* 2.4748	* 2.1727	* 4.1574
11	* 1.4646	* 1.8314	* 1.7950	* 1.9484	* 1.9268	* 1.9067	* 1.9585	* 0.7957
	* 2.9227	* 2.4460	* 2.5133	* 2.3718	* 2.3955	* 2.4106	* 2.3205	* 4.9684
12	* 1.8274	* 1.5467	* 1.9027	* 1.9206	* 1.8098	* 1.9447	* 1.1327	
	* 2.2810	* 2.7290	* 2.3698	* 2.4032	* 2.5474	* 2.3595	* 3.7125	
13	* 1.5756	* 1.7698	* 1.7384	* 1.8954	* 1.9229	* 1.0094	* 0.6908	
	* 2.6186	* 2.3818	* 2.4769	* 2.4246	* 2.3860	* 4.4810	* 5.9826	
14	* 1.8770	* 1.9720	* 1.9708	* 1.9493	* 1.1248	* 0.6456		
	* 2.1834	* 2.1076	* 2.1741	* 2.3308	* 3.7370	* 6.4006		
15	* 0.9310	* 0.9393	* 0.9021	* 0.7927	F-SUB-Q			
	* 3.9896	* 3.9429	* 4.1541	* 4.9754	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3795	* 1.4794	* 1.5862	* 1.4284	* 1.7882	* 1.5386	* 1.8393	* 0.9096
	* 3.4220	* 3.1776	* 2.9587	* 3.1344	* 2.4366	* 2.7985	* 2.3263	* 4.2512
9	* 1.4794	* 1.7914	* 1.5037	* 1.7896	* 1.5109	* 1.7338	* 1.9364	* 0.9168
	* 3.1776	* 2.6224	* 3.1189	* 2.6153	* 2.9229	* 2.5433	* 2.2438	* 4.2223
10	* 1.5862	* 1.5063	* 1.8248	* 1.7525	* 1.8724	* 1.7052	* 1.9392	* 0.8825
	* 2.9587	* 3.1130	* 2.5769	* 2.6863	* 2.5242	* 2.6438	* 2.3127	* 4.4329
11	* 1.4284	* 1.7904	* 1.7524	* 1.9104	* 1.8891	* 1.8717	* 1.9249	* 0.7784
	* 3.1344	* 2.6159	* 2.6864	* 2.4939	* 2.5251	* 2.5362	* 2.4553	* 5.3066
12	* 1.7882	* 1.5095	* 1.8653	* 1.8828	* 1.7711	* 1.9090	* 1.1099	
	* 2.4366	* 2.9239	* 2.5320	* 2.5328	* 2.7008	* 2.4984	* 3.9442	
13	* 1.5386	* 1.7300	* 1.7014	* 1.8602	* 1.8872	* 0.9906	* 0.6757	
	* 2.7985	* 2.5443	* 2.6459	* 2.5494	* 2.5266	* 4.7752	* 6.4314	
14	* 1.8393	* 1.9343	* 1.9346	* 1.9155	* 1.1020	* 0.6309		
	* 2.3263	* 2.2441	* 2.3141	* 2.4667	* 3.9715	* 6.8852		
15	* 0.9096	* 0.9175	* 0.8813	* 0.7754	F-SUB-Q			
	* 4.2512	* 4.2039	* 4.4291	* 5.3134	M-SUB-Q			



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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3303	* 1.4270	* 1.5258	* 1.3784	* 1.7216	* 1.4847	* 1.7736	* 0.8888
	* 3.4498	* 3.2030	* 2.8815	* 3.0328	* 2.3883	* 2.7577	* 2.3090	* 4.2097
9	* 1.4270	* 1.7236	* 1.4512	* 1.7225	* 1.4576	* 1.6739	* 1.8704	* 0.8946
	* 3.2030	* 2.6029	* 3.0216	* 2.5475	* 2.8539	* 2.5042	* 2.2400	* 4.1963
10	* 1.5258	* 1.4541	* 1.7611	* 1.6906	* 1.8074	* 1.6485	* 1.8747	* 0.8641
	* 2.8815	* 3.0153	* 2.5191	* 2.6241	* 2.4998	* 2.6313	* 2.3198	* 4.4033
11	* 1.3784	* 1.7233	* 1.6905	* 1.8451	* 1.8279	* 1.8080	* 1.8625	* 0.7634
	* 3.0328	* 2.5459	* 2.6235	* 2.5160	* 2.5429	* 2.5581	* 2.4720	* 5.3239
12	* 1.7216	* 1.4562	* 1.8004	* 1.8216	* 1.7120	* 1.8450	* 1.0932	
	* 2.3883	* 2.8550	* 2.5022	* 2.5505	* 2.7238	* 2.5200	* 3.9018	
13	* 1.4847	* 1.6701	* 1.6448	* 1.7967	* 1.8233	* 0.9555	* 0.6619	
	* 2.7577	* 2.5074	* 2.6338	* 2.5719	* 2.5491	* 4.8246	* 6.3960	
14	* 1.7736	* 1.8683	* 1.8701	* 1.8532	* 1.0853	* 0.6182		
	* 2.3090	* 2.2403	* 2.3215	* 2.4837	* 3.9293	* 6.8445		
15	* 0.8888	* 0.8952	* 0.8636	* 0.7603	F-SUB-Q			
	* 4.2097	* 4.1783	* 4.4001	* 5.3329	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2998	* 1.3964	* 1.5021	* 1.3453	* 1.6961	* 1.4529	* 1.7509	* 0.8585
	* 3.2893	* 3.0378	* 2.7436	* 2.9155	* 2.2771	* 2.6445	* 2.1976	* 4.0971
9	* 1.3964	* 1.6978	* 1.4185	* 1.6958	* 1.4250	* 1.6416	* 1.8465	* 0.8647
	* 3.0378	* 2.4726	* 2.8941	* 2.4248	* 2.7414	* 2.3994	* 2.1329	* 4.0826
10	* 1.5021	* 1.4212	* 1.7269	* 1.6565	* 1.7842	* 1.6186	* 1.8524	* 0.8320
	* 2.7436	* 2.8875	* 2.4047	* 2.5097	* 2.3816	* 2.5174	* 2.2065	* 4.3103
11	* 1.3453	* 1.6967	* 1.6564	* 1.8206	* 1.7989	* 1.7872	* 1.8427	* 0.7358
	* 2.9155	* 2.4231	* 2.5090	* 2.4061	* 2.4430	* 2.4371	* 2.3484	* 5.1914
12	* 1.6961	* 1.4236	* 1.7771	* 1.7925	* 1.6812	* 1.8234	* 1.0505	
	* 2.2771	* 2.7425	* 2.3840	* 2.4502	* 2.6262	* 2.4036	* 3.7938	
13	* 1.4529	* 1.6380	* 1.6148	* 1.7756	* 1.8017	* 0.9424	* 0.6367	
	* 2.6445	* 2.4025	* 2.5200	* 2.4469	* 2.4306	* 4.5686	* 6.1616	
14	* 1.7509	* 1.8444	* 1.8476	* 1.8332	* 1.0427	* 0.5929		
	* 2.1976	* 2.1333	* 2.2083	* 2.3591	* 3.8196	* 6.6119		
15	* 0.8585	* 0.8653	* 0.8308	* 0.7328	F-SUB-Q			
	* 4.0971	* 4.0648	* 4.3072	* 5.2002	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2584	1.3536	1.4591	1.3022	1.6484	1.4080	1.7051	0.8298
	3.0458	2.8138	2.5390	2.7202	2.1298	2.4834	2.0569	3.8387
9	1.3536	1.6496	1.3742	1.6475	1.3801	1.5935	1.7991	0.8358
	2.8138	2.2861	2.6909	2.2505	2.5691	2.2519	1.9966	3.8264
10	1.4591	1.3769	1.6757	1.6063	1.7375	1.5725	1.8065	0.8036
	2.5390	2.6845	2.2366	2.3394	2.2208	2.3576	2.0613	4.0379
11	1.3022	1.6484	1.6062	1.7728	1.7504	1.7425	1.7993	0.7112
	2.7202	2.2489	2.3388	2.2148	2.2500	2.2433	2.1592	4.8387
12	1.6484	1.3788	1.7303	1.7440	1.6336	1.7779	1.0150	
	2.1298	2.5700	2.2230	2.2570	2.4234	2.2109	3.5209	
13	1.4080	1.5902	1.5686	1.7308	1.7564	0.9180	0.6146	
	2.4834	2.2548	2.3600	2.2534	2.2362	4.2046	5.7244	
14	1.7051	1.7969	1.8017	1.7898	1.0074	0.5716		
	2.0569	1.9971	2.0629	2.1696	3.5458	6.1509		
15	0.8298	0.8364	0.8024	0.7084	F-SUB-Q			
	3.8387	3.8096	4.0350	4.8456	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2126	1.3049	1.4074	1.2545	1.5906	1.3572	1.6468	0.8025
	2.8419	2.6217	2.3325	2.5039	1.9590	2.2868	1.8913	3.5318
9	1.3049	1.5917	1.3245	1.5893	1.3298	1.5370	1.7395	0.8076
	2.6217	2.0955	2.4708	2.0653	2.3655	2.0715	1.8321	3.5236
10	1.4074	1.3273	1.6168	1.5486	1.6794	1.5183	1.7477	0.7770
	2.3325	2.4648	2.0493	2.1470	2.0391	2.1638	1.8884	3.7102
11	1.2545	1.5902	1.5486	1.7140	1.6923	1.6853	1.7419	0.6889
	2.5039	2.0638	2.1465	2.0697	2.1027	2.0909	2.0091	4.4292
12	1.5906	1.3285	1.6723	1.6860	1.5768	1.7198	0.9859	
	1.9590	2.3665	2.0413	2.1090	2.2704	2.0683	3.2756	
13	1.3572	1.5337	1.5145	1.6738	1.6986	0.8863	0.5946	
	2.2868	2.0743	2.1662	2.0999	2.0923	3.9430	5.3637	
14	1.6468	1.7374	1.7429	1.7325	0.9784	0.5527		
	1.8913	1.8327	1.8901	2.0188	3.2990	5.7665		
15	0.8025	0.8081	0.7758	0.6859	F-SUB-Q			
	3.5318	3.5081	3.7079	4.4380	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1601	* 1.2485	* 1.3432	* 1.2008	* 1.5181	* 1.2979	* 1.5729	* 0.7761
	* 2.8722	* 2.6512	* 2.3611	* 2.5296	* 1.9864	* 2.3146	* 1.9177	* 3.5437
9	* 1.2485	* 1.5192	* 1.2678	* 1.5170	* 1.2716	* 1.4697	* 1.6637	* 0.7802
	* 2.6512	* 2.1156	* 2.4892	* 2.0878	* 2.3917	* 2.0954	* 1.8523	* 3.5390
10	* 1.3432	* 1.2708	* 1.5474	* 1.4811	* 1.6051	* 1.4534	* 1.6725	* 0.7523
	* 2.3611	* 2.4831	* 2.0631	* 2.1646	* 2.0629	* 2.1817	* 1.9054	* 3.6999
11	* 1.2008	* 1.5179	* 1.4811	* 1.6391	* 1.6210	* 1.6117	* 1.6681	* 0.6684
	* 2.5296	* 2.0862	* 2.1641	* 2.0973	* 2.1262	* 2.1188	* 2.0322	* 4.4078
12	* 1.5181	* 1.2703	* 1.5982	* 1.6149	* 1.5088	* 1.6450	* 0.9607	
	* 1.9864	* 2.3927	* 2.0653	* 2.1326	* 2.2984	* 2.0957	* 3.2594	
13	* 1.2979	* 1.4665	* 1.4496	* 1.6006	* 1.6243	* 0.8474	* 0.5767	
	* 2.3146	* 2.0983	* 2.1845	* 2.1281	* 2.1206	* 4.0002	* 5.3659	
14	* 1.5729	* 1.6616	* 1.6678	* 1.6589	* 0.9532	* 0.5366		
	* 1.9177	* 1.8530	* 1.9075	* 2.0422	* 3.2831	* 5.7631		
15	* 0.7761	* 0.7808	* 0.7518	* 0.6653	F-SUB-Q			
	* 3.5437	* 3.5236	* 3.6981	* 4.4180	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1244	* 1.2120	* 1.3130	* 1.1620	* 1.4831	* 1.2584	* 1.5384	* 0.7406
	* 2.6571	* 2.4350	* 2.1791	* 2.3621	* 1.8398	* 2.1602	* 1.7753	* 3.3693
9	* 1.2120	* 1.4859	* 1.2296	* 1.4827	* 1.2321	* 1.4277	* 1.6262	* 0.7451
	* 2.4350	* 1.9454	* 2.3121	* 1.9247	* 2.2325	* 1.9504	* 1.7128	* 3.3575
10	* 1.3130	* 1.2323	* 1.5058	* 1.4395	* 1.5694	* 1.4122	* 1.6354	* 0.7161
	* 2.1791	* 2.3060	* 1.9067	* 2.0046	* 1.9045	* 2.0241	* 1.7574	* 3.5307
11	* 1.1620	* 1.4835	* 1.4395	* 1.6021	* 1.5793	* 1.5771	* 1.6323	* 0.6356
	* 2.3621	* 1.9232	* 2.0041	* 1.9378	* 1.9708	* 1.9347	* 1.8531	* 4.1778
12	* 1.4831	* 1.2309	* 1.5625	* 1.5731	* 1.4664	* 1.6089	* 0.9093	
	* 1.8398	* 2.2335	* 1.9069	* 1.9768	* 2.1293	* 1.9361	* 3.0974	
13	* 1.2584	* 1.4245	* 1.4085	* 1.5660	* 1.5886	* 0.8273	* 0.5474	
	* 2.1602	* 1.9534	* 2.0270	* 1.9430	* 1.9596	* 3.6954	* 5.1150	
14	* 1.5384	* 1.6241	* 1.6307	* 1.6232	* 0.9022	* 0.5078		
	* 1.7753	* 1.7137	* 1.7596	* 1.8621	* 3.1196	* 5.5110		
15	* 0.7406	* 0.7456	* 0.7150	* 0.6327	F-SUB-Q			
	* 3.3693	* 3.3460	* 3.5293	* 4.1881	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0777	* 1.1620	* 1.2600	* 1.1126	* 1.4219	* 1.2047	* 1.4751	* 0.7081
	* 2.4865	* 2.3052	* 2.0691	* 2.2546	* 1.7562	* 2.0668	* 1.6959	* 3.2350
9	* 1.1620	* 1.4269	* 1.1791	* 1.4236	* 1.1795	* 1.3675	* 1.5594	* 0.7123
	* 2.3052	* 1.8379	* 2.1926	* 1.8246	* 2.1319	* 1.8608	* 1.6321	* 3.2199
10	* 1.2600	* 1.1817	* 1.4469	* 1.3816	* 1.5049	* 1.3529	* 1.5683	* 0.6841
	* 2.0691	* 2.1868	* 1.8023	* 1.8988	* 1.8092	* 1.9237	* 1.6688	* 3.3817
11	* 1.1126	* 1.4244	* 1.3816	* 1.5374	* 1.5153	* 1.5127	* 1.5650	* 0.6072
	* 2.2546	* 1.8232	* 1.8984	* 1.8123	* 1.8409	* 1.8309	* 1.7535	* 3.9808
12	* 1.4219	* 1.1783	* 1.4983	* 1.5093	* 1.4054	* 1.5425	* 0.8690	
	* 1.7562	* 2.1330	* 1.8118	* 1.8476	* 1.9886	* 1.8098	* 2.9273	
13	* 1.2047	* 1.3644	* 1.3493	* 1.5019	* 1.5229	* 0.7911	* 0.5220	
	* 2.0668	* 1.8637	* 1.9268	* 1.8386	* 1.8318	* 3.4725	* 4.8192	
14	* 1.4751	* 1.5573	* 1.5637	* 1.5562	* 0.8621	* 0.4839		
	* 1.6959	* 1.6331	* 1.6720	* 1.7612	* 2.9491	* 5.1955		
15	* 0.7081	* 0.7128	* 0.6830	* 0.6044	F-SUB-Q			
	* 3.2350	* 3.2118	* 3.3809	* 3.9917	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0186	* 1.0967	* 1.1811	* 1.0513	* 1.3308	* 1.1356	* 1.3784	* 0.6775
	* 2.4293	* 2.2200	* 2.0327	* 2.2069	* 1.7384	* 2.0327	* 1.6824	* 3.1420
9	* 1.0967	* 1.3389	* 1.1154	* 1.3363	* 1.1128	* 1.2888	* 1.4589	* 0.6804
	* 2.2200	* 1.7950	* 2.1309	* 1.7889	* 2.0911	* 1.8272	* 1.6132	* 3.1288
10	* 1.1811	* 1.1182	* 1.3679	* 1.3051	* 1.4087	* 1.2739	* 1.4663	* 0.6566
	* 2.0327	* 2.1254	* 1.7502	* 1.8472	* 1.7760	* 1.8815	* 1.6426	* 3.2512
11	* 1.0513	* 1.3371	* 1.3051	* 1.4417	* 1.4273	* 1.4146	* 1.4607	* 0.5821
	* 2.2069	* 1.7876	* 1.8468	* 1.7801	* 1.7986	* 1.7820	* 1.7073	* 3.8224
12	* 1.3308	* 1.1117	* 1.4024	* 1.4217	* 1.3233	* 1.4418	* 0.8373	
	* 1.7384	* 2.0922	* 1.7820	* 1.8053	* 1.9393	* 1.7798	* 2.8016	
13	* 1.1356	* 1.2855	* 1.2705	* 1.4045	* 1.4233	* 0.7356	* 0.4995	
	* 2.0327	* 1.8301	* 1.8848	* 1.7894	* 1.8020	* 3.4254	* 4.6339	
14	* 1.3784	* 1.4570	* 1.4620	* 1.4525	* 0.8306	* 0.4641		
	* 1.6824	* 1.6143	* 1.6457	* 1.7154	* 2.8214	* 4.9851		
15	* 0.6775	* 0.6808	* 0.6561	* 0.5793	F-SUB-Q			
	* 3.1420	* 3.1219	* 3.2509	* 3.8342	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9717	* 1.0478	* 1.1291	* 1.0031	* 1.2661	* 1.0806	* 1.3094	* 0.6359
	* 2.3207	* 2.1419	* 1.9791	* 2.1647	* 1.7136	* 2.0035	* 1.6618	* 3.1478
9	* 1.0478	* 1.2791	* 1.0655	* 1.2770	* 1.0601	* 1.2281	* 1.3826	* 0.6389
	* 2.1419	* 1.7426	* 2.0768	* 1.7441	* 2.0556	* 1.7958	* 1.5931	* 3.1258
10	* 1.1291	* 1.0682	* 1.3101	* 1.2494	* 1.3398	* 1.2116	* 1.3886	* 0.6131
	* 1.9791	* 2.0715	* 1.6986	* 1.7950	* 1.7249	* 1.8432	* 1.6156	* 3.2711
11	* 1.0031	* 1.2778	* 1.2495	* 1.3714	* 1.3604	* 1.3442	* 1.3809	* 0.5417
	* 2.1647	* 1.7428	* 1.7947	* 1.7171	* 1.7320	* 1.7308	* 1.6705	* 3.8259
12	* 1.2661	* 1.0590	* 1.3340	* 1.3551	* 1.2614	* 1.3665	* 0.7762	
	* 1.7136	* 2.0568	* 1.7315	* 1.7373	* 1.8782	* 1.7325	* 2.7721	
13	* 1.0806	* 1.2249	* 1.2085	* 1.3347	* 1.3493	* 0.6913	* 0.4632	
	* 2.0035	* 1.7988	* 1.8467	* 1.7384	* 1.7533	* 3.3892	* 4.6338	
14	* 1.3094	* 1.3808	* 1.3846	* 1.3732	* 0.7701	* 0.4292		
	* 1.6618	* 1.5944	* 1.6189	* 1.6788	* 2.7923	* 4.9976		
15	* 0.6359	* 0.6393	* 0.6121	* 0.5392	F-SUB-Q			
	* 3.1478	* 3.1188	* 3.2712	* 3.8384	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8875	* 0.9717	* 1.0421	* 0.9341	* 1.1503	* 0.9885	* 1.1872	* 0.5915
	* 2.3844	* 2.1660	* 2.0119	* 2.2055	* 1.7916	* 2.0821	* 1.7423	* 3.2241
9	* 0.9717	* 1.1611	* 0.9805	* 1.1637	* 0.9736	* 1.1188	* 1.2506	* 0.5914
	* 2.1660	* 1.8088	* 2.1327	* 1.8089	* 2.1238	* 1.8741	* 1.6709	* 3.2096
10	* 1.0421	* 0.9828	* 1.1966	* 1.1506	* 1.2262	* 1.1055	* 1.2554	* 0.5672
	* 2.0119	* 2.1275	* 1.7550	* 1.8421	* 1.7746	* 1.9115	* 1.6888	* 3.3567
11	* 0.9341	* 1.1643	* 1.1494	* 1.2477	* 1.2430	* 1.2249	* 1.2506	* 0.4959
	* 2.2055	* 1.8077	* 1.8419	* 1.7654	* 1.7707	* 1.7841	* 1.7330	* 3.9541
12	* 1.1503	* 0.9728	* 1.2233	* 1.2391	* 1.1522	* 1.2356	* 0.7154	
	* 1.7916	* 2.1251	* 1.7808	* 1.7759	* 1.9162	* 1.7872	* 2.8249	
13	* 0.9885	* 1.1160	* 1.1025	* 1.2166	* 1.2205	* 0.6129	* 0.4207	
	* 2.0821	* 1.8771	* 1.9153	* 1.7914	* 1.8083	* 3.5588	* 4.7698	
14	* 1.1872	* 1.2490	* 1.2518	* 1.2436	* 0.7098	* 0.3890		
	* 1.7423	* 1.6723	* 1.6924	* 1.7412	* 2.8457	* 5.1559		
15	* 0.5915	* 0.5923	* 0.5663	* 0.4935	F-SUB-Q			
	* 3.2241	* 3.2029	* 3.3572	* 3.9682	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 50% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7086	* 0.8112	* 1.0204	* 0.7802	* 1.0558	* 0.7949	* 1.0515	* 0.5049
	* 2.8396	* 2.4678	* 1.9540	* 2.5361	* 1.8750	* 2.4889	* 1.8899	* 3.6417
9	* 0.8112	* 0.9853	* 0.7949	* 0.9842	* 0.7980	* 0.8965	* 1.0818	* 0.4927
	* 2.4678	* 2.0397	* 2.5201	* 2.0454	* 2.5104	* 2.2426	* 1.8565	* 3.7054
10	* 1.0204	* 0.7965	* 0.9601	* 0.9559	* 1.0509	* 0.8994	* 1.0823	* 0.4757
	* 1.9540	* 2.5149	* 2.0951	* 2.1326	* 1.9534	* 2.2831	* 1.8715	* 3.8482
11	* 0.7802	* 0.9834	* 0.9548	* 1.0795	* 1.0121	* 1.1317	* 1.0382	* 0.4074
	* 2.5361	* 2.0449	* 2.1338	* 1.9245	* 2.0734	* 1.8341	* 1.9871	* 4.6188
12	* 1.0558	* 0.7973	* 1.0484	* 1.0093	* 0.9239	* 0.9918	* 0.6000	
	* 1.8750	* 2.5120	* 1.9573	* 2.0787	* 2.2792	* 2.1223	* 3.2217	
13	* 0.7949	* 0.8947	* 0.8959	* 1.1254	* 0.9799	* 0.4717	* 0.3383	
	* 2.4889	* 2.2462	* 2.2879	* 1.8433	* 2.1474	* 4.4160	* 5.6729	
14	* 1.0515	* 1.0803	* 1.0796	* 1.0327	* 0.5954	* 0.3124		
	* 1.8899	* 1.8583	* 1.8751	* 1.9961	* 3.2443	* 6.1397		
15	* 0.5049	* 0.4936	* 0.4753	* 0.4054	F-SUB-Q			
	* 3.6417	* 3.6935	* 3.8492	* 4.6363	M-SUB-Q			

AT 50% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.2988	* 0.3308	* 0.3918	* 0.3365	* 0.3976	* 0.3330	* 0.3663	* 0.2043
	* 6.4479	* 5.8009	* 4.8706	* 5.6685	* 4.7854	* 5.7328	* 5.2154	* 8.6726
9	* 0.3308	* 0.3793	* 0.3382	* 0.3964	* 0.3455	* 0.3430	* 0.3724	* 0.1984
	* 5.8009	* 5.0618	* 5.6924	* 4.8668	* 5.6120	* 5.6376	* 5.1778	* 8.8670
10	* 0.3918	* 0.3387	* 0.3634	* 0.3752	* 0.4184	* 0.3599	* 0.3722	* 0.1930
	* 4.8706	* 5.6847	* 5.3325	* 5.2273	* 4.7024	* 5.4722	* 5.2207	* 9.1420
11	* 0.3365	* 0.3962	* 0.3748	* 0.4265	* 0.3856	* 0.4141	* 0.3558	* 0.1677
	* 5.6685	* 4.8679	* 5.2305	* 4.6378	* 5.1602	* 4.7908	* 5.5540	* 10.8018
12	* 0.3976	* 0.3453	* 0.4175	* 0.3847	* 0.3544	* 0.3581	* 0.2440	
	* 4.7854	* 5.6159	* 4.7113	* 5.1707	* 5.6617	* 5.6186	* 7.5792	
13	* 0.3330	* 0.3422	* 0.3585	* 0.4119	* 0.3548	* 0.2700	* 0.1323	
	* 5.7328	* 5.6482	* 5.4891	* 4.8141	* 5.6686	* 7.4758	* 14.0121	
14	* 0.3663	* 0.3719	* 0.3713	* 0.3539	* 0.2422	* 0.1263		
	* 5.2154	* 5.1831	* 5.2312	* 5.5794	* 7.6326	* 14.6629		
15	* 0.2043	* 0.1989	* 0.1928	* 0.1669	F-SUB-Q			
	* 8.6726	* 8.8392	* 9.1456	* 10.8449	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4567	* 0.5309	* 0.6302	* 0.5524	* 0.6392	* 0.5380	* 0.5717	* 0.3203
	* 5.5886	* 5.4674	* 4.6277	* 5.0859	* 4.3860	* 5.1852	* 4.9155	* 7.9256
9	* 0.5309	* 0.6102	* 0.5510	* 0.6412	* 0.5600	* 0.5506	* 0.5765	* 0.3139
	* 5.4674	* 4.8284	* 5.2976	* 4.5358	* 5.0972	* 5.1690	* 4.9286	* 8.0556
10	* 0.6302	* 0.5512	* 0.6001	* 0.6106	* 0.6596	* 0.5658	* 0.5713	* 0.3090
	* 4.6277	* 5.2961	* 4.9808	* 4.8537	* 4.4809	* 5.1971	* 5.0803	* 8.2295
11	* 0.5524	* 0.6408	* 0.6102	* 0.6702	* 0.5983	* 0.6256	* 0.5364	* 0.2580
	* 5.0859	* 4.5377	* 4.8571	* 4.3781	* 4.8449	* 4.6331	* 5.4761	* 10.2677
12	* 0.6392	* 0.5595	* 0.6587	* 0.5974	* 0.5235	* 0.5146	* 0.3619	
	* 4.3860	* 5.0999	* 4.4876	* 4.8517	* 5.2119	* 5.2599	* 7.1570	
13	* 0.5380	* 0.5498	* 0.5646	* 0.6235	* 0.5117	* 0.3925	* 0.1969	
	* 5.1852	* 5.1740	* 5.2088	* 4.6485	* 5.2908	* 6.5918	* 12.4250	
14	* 0.5717	* 0.5760	* 0.5704	* 0.5349	* 0.3601	* 0.1910		
	* 4.9155	* 4.9297	* 5.0839	* 5.4941	* 7.1940	* 12.7979		
15	* 0.3203	* 0.3145	* 0.3088	* 0.2573	F-SUB-Q			
	* 7.9256	* 8.0369	* 8.2272	* 10.2801	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1123	* 1.2819	* 1.5677	* 1.2572	* 1.6167	* 1.2631	* 1.5643	* 0.7912
	* 2.6315	* 2.4167	* 1.9773	* 2.3840	* 1.8532	* 2.3544	* 1.9156	* 3.4076
9	* 1.2819	* 1.5092	* 1.2737	* 1.5148	* 1.2787	* 1.4025	* 1.5948	* 0.7839
	* 2.4167	* 2.0751	* 2.4460	* 2.0425	* 2.3646	* 2.1649	* 1.9074	* 3.4276
10	* 1.5677	* 1.2745	* 1.5238	* 1.5127	* 1.5841	* 1.3837	* 1.5815	* 0.7630
	* 1.9773	* 2.4446	* 2.0879	* 2.0902	* 1.9930	* 2.2587	* 1.9608	* 3.5386
11	* 1.2572	* 1.5141	* 1.5116	* 1.6192	* 1.5111	* 1.6389	* 1.4849	* 0.6336
	* 2.3840	* 2.0431	* 2.0916	* 1.9326	* 2.0416	* 1.8891	* 2.0936	* 4.4471
12	* 1.6167	* 1.2777	* 1.5816	* 1.5089	* 1.3545	* 1.4035	* 0.9037	
	* 1.8532	* 2.3660	* 1.9961	* 2.0448	* 2.1660	* 2.1147	* 3.0578	
13	* 1.2631	* 1.4004	* 1.3804	* 1.6332	* 1.3912	* 0.6692	* 0.5164	
	* 2.3544	* 2.1672	* 2.2644	* 1.8956	* 2.1330	* 4.2036	* 5.0248	
14	* 1.5643	* 1.5934	* 1.5791	* 1.4800	* 0.8989	* 0.4935		
	* 1.9156	* 1.9077	* 1.9622	* 2.1005	* 3.0738	* 5.2532		
15	* 0.7912	* 0.7857	* 0.7627	* 0.6318	F-SUB-Q			
	* 3.4076	* 3.4189	* 3.5372	* 4.4526	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4015	* 1.5148	* 1.5647	* 1.4841	* 1.7214	* 1.5478	* 1.7377	* 0.9336
	* 2.2407	* 2.1172	* 2.0436	* 2.0852	* 1.7850	* 1.9789	* 1.7684	* 2.9661
9	* 1.5148	* 1.7457	* 1.5471	* 1.7606	* 1.5396	* 1.7225	* 1.8159	* 0.9410
	* 2.1172	* 1.8657	* 2.0803	* 1.8363	* 2.0097	* 1.8179	* 1.7217	* 2.9275
10	* 1.5647	* 1.5483	* 1.8460	* 1.8076	* 1.8051	* 1.6724	* 1.7994	* 0.9136
	* 2.0436	* 2.0786	* 1.7688	* 1.8178	* 1.7974	* 1.9162	* 1.7810	* 3.0457
11	* 1.4841	* 1.7604	* 1.8073	* 1.8134	* 1.8269	* 1.7533	* 1.7514	* 0.7779
	* 2.0852	* 1.8360	* 1.8181	* 1.7641	* 1.7462	* 1.8254	* 1.8273	* 3.7374
12	* 1.7214	* 1.5383	* 1.8024	* 1.8234	* 1.7280	* 1.7477	* 1.0993	
	* 1.7850	* 2.0108	* 1.8001	* 1.7495	* 1.8181	* 1.7878	* 2.6060	
13	* 1.5478	* 1.7197	* 1.6698	* 1.7473	* 1.7316	* 0.8623	* 0.6522	
	* 1.9789	* 1.8197	* 1.9177	* 1.8332	* 1.8038	* 3.4226	* 4.1389	
14	* 1.7377	* 1.8144	* 1.7962	* 1.7451	* 1.0931	* 0.6170		
	* 1.7684	* 1.7221	* 1.7822	* 1.8339	* 2.6205	* 4.3723		
15	* 0.9336	* 0.9428	* 0.9133	* 0.7755	F-SUB-Q			
	* 2.9661	* 2.9189	* 3.0443	* 3.7473	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5309	* 1.6312	* 1.7048	* 1.5893	* 1.9075	* 1.6918	* 1.9324	* 0.9881
	* 2.1256	* 2.0226	* 1.9432	* 2.0048	* 1.6560	* 1.8586	* 1.6289	* 2.8711
9	* 1.6312	* 1.9335	* 1.6773	* 1.9394	* 1.6743	* 1.8974	* 2.0248	* 1.0011
	* 2.0226	* 1.7377	* 1.9715	* 1.7115	* 1.9007	* 1.6935	* 1.5844	* 2.8274
10	* 1.7048	* 1.6792	* 2.0206	* 1.9646	* 1.9851	* 1.8417	* 2.0089	* 0.9671
	* 1.9432	* 1.9693	* 1.6563	* 1.7172	* 1.6866	* 1.7877	* 1.6384	* 2.9554
11	* 1.5893	* 1.9397	* 1.9643	* 2.0116	* 2.0186	* 1.9450	* 1.9573	* 0.8325
	* 2.0048	* 1.7111	* 1.7171	* 1.6398	* 1.6324	* 1.6960	* 1.6861	* 3.6023
12	* 1.9075	* 1.6727	* 1.9819	* 2.0142	* 1.9134	* 1.9626	* 1.1706	
	* 1.6560	* 1.9017	* 1.6893	* 1.6364	* 1.6994	* 1.6495	* 2.5314	
13	* 1.6918	* 1.8942	* 1.8386	* 1.9377	* 1.9433	* 0.9869	* 0.7067	
	* 1.8586	* 1.6953	* 1.7892	* 1.7040	* 1.6653	* 3.1069	* 3.9626	
14	* 1.9324	* 2.0231	* 2.0052	* 1.9498	* 1.1636	* 0.6670		
	* 1.6289	* 1.5848	* 1.6395	* 1.6926	* 2.5464	* 4.1973		
15	* 0.9881	* 1.0026	* 0.9668	* 0.8300	F-SUB-Q			
	* 2.8711	* 2.8185	* 2.9539	* 3.6088	M-SUB-Q			



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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5633	* 1.6675	* 1.7568	* 1.6213	* 1.9765	* 1.7370	* 2.0112	* 1.0168
	* 2.1614	* 2.0529	* 1.9495	* 2.0314	* 1.6504	* 1.8695	* 1.6148	* 2.8824
9	* 1.6675	* 1.9942	* 1.7122	* 2.0001	* 1.7149	* 1.9524	* 2.1130	* 1.0291
	* 2.0529	* 1.7409	* 1.9915	* 1.7113	* 1.9179	* 1.6994	* 1.5661	* 2.8444
10	* 1.7568	* 1.7144	* 2.0685	* 2.0071	* 2.0602	* 1.9008	* 2.1007	* 0.9937
	* 1.9495	* 1.9889	* 1.6672	* 1.7295	* 1.6841	* 1.7838	* 1.6154	* 2.9743
11	* 1.6213	* 2.0001	* 2.0067	* 2.0950	* 2.0904	* 2.0280	* 2.0554	* 0.8616
	* 2.0314	* 1.7107	* 1.7295	* 1.6323	* 1.6330	* 1.6835	* 1.6634	* 3.5889
12	* 1.9765	* 1.7133	* 2.0566	* 2.0855	* 1.9769	* 2.0563	* 1.2198	
	* 1.6504	* 1.9189	* 1.6870	* 1.6373	* 1.7055	* 1.6335	* 2.5228	
13	* 1.7370	* 1.9488	* 1.8974	* 2.0199	* 2.0349	* 1.0414	* 0.7350	
	* 1.8695	* 1.7014	* 1.7857	* 1.6921	* 1.6502	* 3.0638	* 3.9672	
14	* 2.0112	* 2.1111	* 2.0965	* 2.0471	* 1.2122	* 0.6928		
	* 1.6148	* 1.5666	* 1.6169	* 1.6702	* 2.5386	* 4.2081		
15	* 1.0168	* 1.0304	* 0.9933	* 0.8588	F-SUB-Q			
	* 2.8824	* 2.8341	* 2.9727	* 3.5947	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5605	* 1.6682	* 1.7628	* 1.6221	* 1.9889	* 1.7419	* 2.0310	* 1.0283
	* 2.2485	* 2.1313	* 2.0153	* 2.1108	* 1.7069	* 1.9406	* 1.6625	* 2.9676
9	* 1.6682	* 1.9995	* 1.7108	* 2.0069	* 1.7175	* 1.9602	* 2.1387	* 1.0390
	* 2.1313	* 1.7899	* 2.0658	* 1.7676	* 1.9917	* 1.7602	* 1.6055	* 2.9353
10	* 1.7628	* 1.7131	* 2.0677	* 2.0049	* 2.0786	* 1.9142	* 2.1303	* 1.0052
	* 2.0153	* 2.0630	* 1.7266	* 1.7909	* 1.7299	* 1.8327	* 1.6486	* 3.0577
11	* 1.6221	* 2.0070	* 2.0046	* 2.1182	* 2.1096	* 2.0549	* 2.0921	* 0.8753
	* 2.1108	* 1.7669	* 1.7908	* 1.6810	* 1.6847	* 1.7279	* 1.6953	* 3.6551
12	* 1.9889	* 1.7159	* 2.0748	* 2.1044	* 1.9910	* 2.0878	* 1.2469	
	* 1.7069	* 1.9929	* 1.7346	* 1.6894	* 1.7656	* 1.6794	* 2.5750	
13	* 1.7419	* 1.9564	* 1.9105	* 2.0451	* 2.0653	* 1.0611	* 0.7488	
	* 1.9406	* 1.7625	* 1.8349	* 1.7370	* 1.6972	* 3.1505	* 4.0842	
14	* 2.0310	* 2.1366	* 2.1258	* 2.0832	* 1.2389	* 0.7049		
	* 1.6625	* 1.6063	* 1.6503	* 1.7025	* 2.5914	* 4.3373		
15	* 1.0283	* 1.0400	* 1.0047	* 0.8724	F-SUB-Q			
	* 2.9676	* 2.9242	* 3.0569	* 3.6630	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5532	* 1.6641	* 1.7676	* 1.6166	* 1.9981	* 1.7400	* 2.0471	* 1.0230
	* 2.3463	* 2.2137	* 2.0879	* 2.2137	* 1.7773	* 2.0335	* 1.7268	* 3.1308
9	* 1.6641	* 2.0041	* 1.7042	* 2.0117	* 1.7137	* 1.9621	* 2.1574	* 1.0337
	* 2.2137	* 1.8496	* 2.1605	* 1.8373	* 2.0853	* 1.8368	* 1.6599	* 3.0927
10	* 1.7676	* 1.7068	* 2.0639	* 1.9998	* 2.0925	* 1.9204	* 2.1526	* 0.9969
	* 2.0879	* 2.1572	* 1.7985	* 1.8648	* 1.7744	* 1.9010	* 1.6987	* 3.2174
11	* 1.6166	* 2.0118	* 1.9994	* 2.1354	* 2.1211	* 2.0767	* 2.1199	* 0.8714
	* 2.2137	* 1.8367	* 1.8648	* 1.7388	* 1.7479	* 1.7789	* 1.7304	* 3.8039
12	* 1.9981	* 1.7120	* 2.0886	* 2.1154	* 1.9992	* 2.1118	* 1.2419	
	* 1.7773	* 2.0866	* 1.7802	* 1.7529	* 1.8356	* 1.7344	* 2.6969	
13	* 1.7400	* 1.9582	* 1.9166	* 2.0652	* 2.0885	* 1.0735	* 0.7456	
	* 2.0335	* 1.8394	* 1.9035	* 1.7884	* 1.7532	* 3.2633	* 4.2989	
14	* 2.0471	* 2.1552	* 2.1478	* 2.1105	* 1.2337	* 0.7002		
	* 1.7268	* 1.6608	* 1.7011	* 1.7376	* 2.7141	* 4.5761		
15	* 1.0230	* 1.0347	* 0.9964	* 0.8684	* F-SUB-Q			
	* 3.1308	* 3.0847	* 3.2167	* 3.8144	* M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5284	* 1.6400	* 1.7463	* 1.5925	* 1.9773	* 1.7169	* 2.0307	* 1.0101
	* 2.4971	* 2.3552	* 2.2178	* 2.3673	* 1.8931	* 2.1725	* 1.8314	* 3.3279
9	* 1.6400	* 1.9798	* 1.6784	* 1.9874	* 1.6895	* 1.9387	* 2.1423	* 1.0203
	* 2.3552	* 1.9579	* 2.2928	* 1.9443	* 2.2276	* 1.9533	* 1.7572	* 3.2955
10	* 1.7463	* 1.6812	* 2.0351	* 1.9706	* 2.0742	* 1.9012	* 2.1404	* 0.9834
	* 2.2178	* 2.2891	* 1.9040	* 1.9740	* 1.8692	* 2.0076	* 1.7837	* 3.4289
11	* 1.5925	* 1.9876	* 1.9702	* 2.1194	* 2.1036	* 2.0650	* 2.1126	* 0.8620
	* 2.3673	* 1.9436	* 1.9740	* 1.8263	* 1.8368	* 1.8666	* 1.8156	* 4.0110
12	* 1.9773	* 1.6878	* 2.0701	* 2.0973	* 1.9796	* 2.1012	* 1.2304	
	* 1.8931	* 2.2292	* 1.8756	* 1.8424	* 1.9346	* 1.8192	* 2.8407	
13	* 1.7169	* 1.9347	* 1.8972	* 2.0530	* 2.0776	* 1.0690	* 0.7378	
	* 2.1725	* 1.9558	* 2.0110	* 1.8771	* 1.8392	* 3.4360	* 4.5487	
14	* 2.0307	* 2.1401	* 2.1355	* 2.1029	* 1.2220	* 0.6920		
	* 1.8314	* 1.7583	* 1.7869	* 1.8236	* 2.8594	* 4.8484		
15	* 1.0101	* 1.0213	* 0.9829	* 0.8589	* F-SUB-Q			
	* 3.3279	* 3.2824	* 3.4284	* 4.0209	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5008	1.6121	1.7226	1.5639	1.9527	1.6886	2.0091	0.9908
	2.7216	2.5389	2.3697	2.5445	2.0036	2.2994	1.9291	3.5249
9	1.6121	1.9529	1.6488	1.9600	1.6604	1.9098	2.1203	1.0009
	2.5389	2.0936	2.4684	2.0841	2.3811	2.0857	1.8632	3.4921
10	1.7226	1.6517	2.0031	1.9369	2.0508	1.8751	2.1207	0.9637
	2.3697	2.4641	2.0440	2.1194	2.0015	2.1505	1.9003	3.6638
11	1.5639	1.9603	1.9365	2.0973	2.0786	2.0467	2.0965	0.8457
	2.5445	2.0833	2.1194	1.9604	1.9754	1.9999	1.9367	4.3082
12	1.9527	1.6588	2.0466	2.0718	1.9533	2.0829	1.2060	
	2.0036	2.3822	2.0080	1.9816	2.0890	1.9503	3.0760	
13	1.6886	1.9062	1.8710	2.0344	2.0592	1.0600	0.7241	
	2.2994	2.0883	2.1544	2.0114	1.9719	3.6821	4.9158	
14	2.0091	2.1180	2.1157	2.0865	1.1976	0.6779		
	1.9291	1.8637	1.9041	1.9448	3.0966	5.2490		
15	0.9908	1.0017	0.9625	0.8425	F-SUB-Q			
	3.5249	3.4779	3.6614	4.3197	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4473	1.5547	1.6554	1.5098	1.8784	1.6295	1.9350	0.9714
	3.0135	2.8066	2.6334	2.7666	2.1786	2.4902	2.0953	3.7552
9	1.5547	1.8768	1.5912	1.8856	1.6020	1.8432	2.0461	0.9793
	2.8066	2.3301	2.7408	2.3189	2.5819	2.2600	2.0167	3.7253
10	1.6554	1.5940	1.9314	1.8658	1.9780	1.8124	2.0481	0.9484
	2.6334	2.7360	2.2693	2.3523	2.2069	2.3463	2.0744	3.8698
11	1.5098	1.8859	1.8655	2.0241	2.0104	1.9754	2.0269	0.8329
	2.7666	2.3191	2.3523	2.1766	2.1918	2.2143	2.1303	4.6328
12	1.8784	1.6005	1.9728	2.0038	1.8871	2.0119	1.1949	
	2.1786	2.5831	2.2144	2.1986	2.3291	2.1726	3.3197	
13	1.6295	1.8393	1.8083	1.9633	1.9883	1.0229	0.7131	
	2.4902	2.2626	2.3485	2.2268	2.1969	4.1159	5.3738	
14	1.9350	2.0437	2.0430	2.0169	1.1864	0.6682		
	2.0953	2.0172	2.0760	2.1395	3.3413	5.7337		
15	0.9714	0.9800	0.9478	0.8296	F-SUB-Q			
	3.7552	3.7101	3.8673	4.6399	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4164	* 1.5240	* 1.6333	* 1.4764	* 1.8543	* 1.5970	* 1.9137	* 0.9398
	* 3.3295	* 3.0993	* 2.7833	* 2.9227	* 2.2810	* 2.6186	* 2.1834	* 3.9896
9	* 1.5240	* 1.8520	* 1.5573	* 1.8589	* 1.5687	* 1.8109	* 2.0226	* 0.9485
	* 3.0993	* 2.5206	* 2.9216	* 2.4439	* 2.7279	* 2.3799	* 2.1071	* 3.9597
10	* 1.6333	* 1.5603	* 1.8968	* 1.8298	* 1.9554	* 1.7814	* 2.0266	* 0.9133
	* 2.7833	* 2.9158	* 2.4339	* 2.5138	* 2.3677	* 2.4748	* 2.1727	* 4.1574
11	* 1.4764	* 1.8592	* 1.8297	* 2.0003	* 1.9807	* 1.9558	* 2.0084	* 0.8039
	* 2.9227	* 2.4460	* 2.5133	* 2.3718	* 2.3955	* 2.4106	* 2.3205	* 4.9684
12	* 1.8543	* 1.5671	* 1.9485	* 1.9739	* 1.8562	* 1.9918	* 1.1499	
	* 2.2810	* 2.7290	* 2.3698	* 2.4032	* 2.5474	* 2.3595	* 3.7125	
13	* 1.5970	* 1.8073	* 1.7773	* 1.9435	* 1.9683	* 1.0122	* 0.6878	
	* 2.6186	* 2.3818	* 2.4769	* 2.4246	* 2.3860	* 4.4810	* 5.9826	
14	* 1.9137	* 2.0203	* 2.0214	* 1.9983	* 1.1415	* 0.6426		
	* 2.1834	* 2.1076	* 2.1741	* 2.3308	* 3.7370	* 6.4006		
15	* 0.9398	* 0.9492	* 0.9119	* 0.8007	F-SUB-Q			
	* 3.9896	* 3.9429	* 4.1541	* 4.9754	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3686	* 1.4736	* 1.5819	* 1.4266	* 1.7970	* 1.5444	* 1.8570	* 0.9099
	* 3.4220	* 3.1776	* 2.9587	* 3.1344	* 2.4366	* 2.7985	* 2.3263	* 4.2512
9	* 1.4736	* 1.7939	* 1.5053	* 1.8000	* 1.5163	* 1.7530	* 1.9639	* 0.9181
	* 3.1776	* 2.6224	* 3.1189	* 2.6153	* 2.9229	* 2.5433	* 2.2438	* 4.2223
10	* 1.5819	* 1.5082	* 1.8355	* 1.7691	* 1.8984	* 1.7262	* 1.9693	* 0.8840
	* 2.9587	* 3.1130	* 2.5769	* 2.6863	* 2.5242	* 2.6438	* 2.3127	* 4.4329
11	* 1.4266	* 1.8004	* 1.7690	* 1.9417	* 1.9221	* 1.9008	* 1.9542	* 0.7792
	* 3.1344	* 2.6159	* 2.6864	* 2.4939	* 2.5251	* 2.5362	* 2.4553	* 5.3066
12	* 1.7970	* 1.5147	* 1.8907	* 1.9153	* 1.7984	* 1.9360	* 1.1163	
	* 2.4366	* 2.9239	* 2.5320	* 2.5328	* 2.7008	* 2.4984	* 3.9442	
13	* 1.5444	* 1.7494	* 1.7221	* 1.8885	* 1.9128	* 0.9845	* 0.6669	
	* 2.7985	* 2.5443	* 2.6459	* 2.5494	* 2.5266	* 4.7752	* 6.4314	
14	* 1.8570	* 1.9616	* 1.9641	* 1.9441	* 1.1080	* 0.6225		
	* 2.3263	* 2.2441	* 2.3141	* 2.4667	* 3.9715	* 6.8852		
15	* 0.9099	* 0.9187	* 0.8826	* 0.7760	F-SUB-Q			
	* 4.2512	* 4.2039	* 4.4291	* 5.3134	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3074	* 1.4077	* 1.5071	* 1.3634	* 1.7128	* 1.4754	* 1.7722	* 0.8805
	* 3.4498	* 3.2030	* 2.8815	* 3.0328	* 2.3883	* 2.7577	* 2.3090	* 4.2097
9	* 1.4077	* 1.7091	* 1.4388	* 1.7163	* 1.4482	* 1.6750	* 1.8770	* 0.8871
	* 3.2030	* 2.6029	* 3.0216	* 2.5475	* 2.8539	* 2.5042	* 2.2400	* 4.1963
10	* 1.5071	* 1.4418	* 1.7534	* 1.6890	* 1.8141	* 1.6516	* 1.8837	* 0.8573
	* 2.8815	* 3.0153	* 2.5191	* 2.6241	* 2.4998	* 2.6313	* 2.3198	* 4.4033
11	* 1.3634	* 1.7166	* 1.6888	* 1.8560	* 1.8403	* 1.8171	* 1.8710	* 0.7569
	* 3.0328	* 2.5459	* 2.6235	* 2.5160	* 2.5429	* 2.5581	* 2.4720	* 5.3239
12	* 1.7128	* 1.4467	* 1.8066	* 1.8337	* 1.7201	* 1.8518	* 1.0887	*
	* 2.3883	* 2.8550	* 2.5022	* 2.5505	* 2.7238	* 2.5200	* 3.9018	*
13	* 1.4754	* 1.6715	* 1.6475	* 1.8051	* 1.8291	* 0.9404	* 0.6474	*
	* 2.7577	* 2.5074	* 2.6338	* 2.5719	* 2.5491	* 4.8246	* 6.3960	*
14	* 1.7722	* 1.8747	* 1.8786	* 1.8611	* 1.0805	* 0.6045	*	*
	* 2.3090	* 2.2403	* 2.3215	* 2.4837	* 3.9293	* 6.8445	*	*
15	* 0.8805	* 0.8876	* 0.8567	* 0.7536	F-SUB-Q			
	* 4.2097	* 4.1783	* 4.4001	* 5.3329	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2645	* 1.3636	* 1.4687	* 1.3171	* 1.6695	* 1.4285	* 1.7308	* 0.8418
	* 3.2893	* 3.0378	* 2.7436	* 2.9155	* 2.2771	* 2.6445	* 2.1976	* 4.0971
9	* 1.3636	* 1.6661	* 1.3915	* 1.6711	* 1.4009	* 1.6255	* 1.8327	* 0.8487
	* 3.0378	* 2.4726	* 2.8941	* 2.4248	* 2.7414	* 2.3994	* 2.1329	* 4.0826
10	* 1.4687	* 1.3945	* 1.7010	* 1.6372	* 1.7711	* 1.6038	* 1.8409	* 0.8169
	* 2.7436	* 2.8875	* 2.4047	* 2.5097	* 2.3816	* 2.5174	* 2.2065	* 4.3103
11	* 1.3171	* 1.6715	* 1.6371	* 1.8114	* 1.7911	* 1.7766	* 1.8310	* 0.7221
	* 2.9155	* 2.4231	* 2.5090	* 2.4061	* 2.4430	* 2.4371	* 2.3484	* 5.1914
12	* 1.6695	* 1.3994	* 1.7635	* 1.7844	* 1.6707	* 1.8104	* 1.0354	*
	* 2.2771	* 2.7425	* 2.3840	* 2.4502	* 2.6262	* 2.4036	* 3.7938	*
13	* 1.4285	* 1.6219	* 1.5997	* 1.7645	* 1.7880	* 0.9182	* 0.6166	*
	* 2.6445	* 2.4025	* 2.5200	* 2.4469	* 2.4306	* 4.5686	* 6.1616	*
14	* 1.7308	* 1.8303	* 1.8357	* 1.8210	* 1.0274	* 0.5741	*	*
	* 2.1976	* 2.1333	* 2.2083	* 2.3591	* 3.8196	* 6.6119	*	*
15	* 0.8418	* 0.8492	* 0.8155	* 0.7190	F-SUB-Q			
	* 4.0971	* 4.0648	* 4.3072	* 5.2002	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2115	1.3079	1.4119	1.2615	1.6050	1.3694	1.6667	0.8051
	3.0458	2.8138	2.5390	2.7202	2.1298	2.4834	2.0569	3.8387
9	1.3079	1.6017	1.3335	1.6057	1.3421	1.5603	1.7655	0.8117
	2.8138	2.2861	2.6909	2.2505	2.5691	2.2519	1.9966	3.8264
10	1.4119	1.3366	1.6324	1.5700	1.7055	1.5406	1.7749	0.7807
	2.5390	2.6845	2.2366	2.3394	2.2208	2.3576	2.0613	4.0379
11	1.2615	1.6061	1.5699	1.7442	1.7231	1.7128	1.7678	0.6907
	2.7202	2.2489	2.3388	2.2148	2.2500	2.2433	2.1592	4.8387
12	1.6050	1.3406	1.6981	1.7165	1.6050	1.7457	0.9899	
	2.1298	2.5700	2.2230	2.2570	2.4234	2.2109	3.5209	
13	1.3694	1.5568	1.5365	1.7009	1.7237	0.8851	0.5893	
	2.4834	2.2548	2.3600	2.2534	2.2362	4.2046	5.7244	
14	1.6667	1.7631	1.7698	1.7580	0.9822	0.5480		
	2.0569	1.9971	2.0629	2.1696	3.5458	6.1509		
15	0.8051	0.8122	0.7794	0.6878	F-SUB-Q			
	3.8387	3.8096	4.0350	4.8456	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1554	1.2477	1.3476	1.2025	1.5317	1.3061	1.5919	0.7704
	2.8419	2.6217	2.3325	2.5039	1.9590	2.2868	1.8913	3.5318
9	1.2477	1.5288	1.2717	1.5325	1.2791	1.4880	1.6875	0.7759
	2.6217	2.0955	2.4708	2.0653	2.3655	2.0715	1.8321	3.5236
10	1.3476	1.2747	1.5578	1.4970	1.6303	1.4708	1.6974	0.7468
	2.3325	2.4648	2.0493	2.1470	2.0391	2.1638	1.8884	3.7102
11	1.2025	1.5329	1.4969	1.6673	1.6468	1.6379	1.6919	0.6619
	2.5039	2.0638	2.1465	2.0697	2.1027	2.0909	2.0091	4.4292
12	1.5317	1.2777	1.6230	1.6404	1.5316	1.6696	0.9511	
	1.9590	2.3665	2.0413	2.1090	2.2704	2.0683	3.2756	
13	1.3061	1.4845	1.4667	1.6262	1.6483	0.8454	0.5642	
	2.2868	2.0743	2.1662	2.0999	2.0923	3.9430	5.3637	
14	1.5919	1.6852	1.6924	1.6823	0.9435	0.5244		
	1.8913	1.8327	1.8901	2.0188	3.2990	5.7665		
15	0.7704	0.7764	0.7455	0.6589	F-SUB-Q			
	3.5318	3.5081	3.7079	4.4380	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0937	* 1.1811	* 1.2725	* 1.1387	* 1.4458	* 1.2358	* 1.5031	* 0.7370
	* 2.8722	* 2.6512	* 2.3611	* 2.5296	* 1.9864	* 2.3146	* 1.9177	* 3.5437
9	* 1.1811	* 1.4435	* 1.2043	* 1.4474	* 1.2098	* 1.4065	* 1.5952	* 0.7415
	* 2.6512	* 2.1156	* 2.4892	* 2.0878	* 2.3917	* 2.0954	* 1.8523	* 3.5390
10	* 1.2725	* 1.2072	* 1.4742	* 1.4157	* 1.5409	* 1.3920	* 1.6054	* 0.7153
	* 2.3611	* 2.4831	* 2.0631	* 2.1646	* 2.0629	* 2.1817	* 1.9054	* 3.6999
11	* 1.1387	* 1.4478	* 1.4156	* 1.5763	* 1.5592	* 1.5484	* 1.6013	* 0.6353
	* 2.5296	* 2.0862	* 2.1641	* 2.0973	* 2.1262	* 2.1188	* 2.0322	* 4.4078
12	* 1.4458	* 1.2085	* 1.5339	* 1.5530	* 1.4487	* 1.5788	* 0.9166	
	* 1.9864	* 2.3927	* 2.0653	* 2.1326	* 2.2984	* 2.0957	* 3.2594	
13	* 1.2358	* 1.4032	* 1.3880	* 1.5372	* 1.5583	* 0.7996	* 0.5416	
	* 2.3146	* 2.0983	* 2.1845	* 2.1281	* 2.1206	* 4.0002	* 5.3659	
14	* 1.5031	* 1.5929	* 1.6005	* 1.5920	* 0.9092	* 0.5038		
	* 1.9177	* 1.8530	* 1.9075	* 2.0422	* 3.2831	* 5.7631		
15	* 0.7370	* 0.7419	* 0.7147	* 0.6322	* F-SUB-Q			
	* 3.5437	* 3.5236	* 3.6981	* 4.4180	* M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0486	* 1.1341	* 1.2304	* 1.0898	* 1.3966	* 1.1849	* 1.4532	* 0.6955
	* 2.6571	* 2.4350	* 2.1791	* 2.3621	* 1.8398	* 2.1602	* 1.7753	* 3.3693
9	* 1.1341	* 1.3962	* 1.1544	* 1.3978	* 1.1589	* 1.3504	* 1.5409	* 0.7002
	* 2.4350	* 1.9454	* 2.3121	* 1.9247	* 2.2325	* 1.9504	* 1.7128	* 3.3575
10	* 1.2304	* 1.1573	* 1.4184	* 1.3602	* 1.4889	* 1.3366	* 1.5513	* 0.6732
	* 2.1791	* 2.3060	* 1.9067	* 2.0046	* 1.9045	* 2.0241	* 1.7574	* 3.5307
11	* 1.0898	* 1.3984	* 1.3602	* 1.5227	* 1.5010	* 1.4975	* 1.5486	* 0.5974
	* 2.3621	* 1.9232	* 2.0041	* 1.9378	* 1.9708	* 1.9347	* 1.8531	* 4.1778
12	* 1.3966	* 1.1576	* 1.4820	* 1.4950	* 1.3915	* 1.5262	* 0.8578	
	* 1.8398	* 2.2335	* 1.9069	* 1.9768	* 2.1293	* 1.9361	* 3.0974	
13	* 1.1849	* 1.3472	* 1.3327	* 1.4865	* 1.5064	* 0.7721	* 0.5086	
	* 2.1602	* 1.9534	* 2.0270	* 1.9430	* 1.9596	* 3.6954	* 5.1150	
14	* 1.4532	* 1.5387	* 1.5466	* 1.5395	* 0.8508	* 0.4717		
	* 1.7753	* 1.7137	* 1.7596	* 1.8621	* 3.1196	* 5.5110		
15	* 0.6955	* 0.7006	* 0.6720	* 0.5945	* F-SUB-Q			
	* 3.3693	* 3.3460	* 3.5293	* 4.1881	* M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9943	* 1.0755	* 1.1680	* 1.0321	* 1.3239	* 1.1216	* 1.3774	* 0.6576
	* 2.4865	* 2.3052	* 2.0691	* 2.2546	* 1.7562	* 2.0668	* 1.6959	* 3.2350
9	* 1.0755	* 1.3261	* 1.0950	* 1.3271	* 1.0971	* 1.2784	* 1.4603	* 0.6619
	* 2.3052	* 1.8379	* 2.1926	* 1.8246	* 2.1319	* 1.8608	* 1.6321	* 3.2199
10	* 1.1680	* 1.0978	* 1.3475	* 1.2907	* 1.4116	* 1.2656	* 1.4702	* 0.6360
	* 2.0691	* 2.1868	* 1.8023	* 1.8988	* 1.8092	* 1.9237	* 1.6688	* 3.3817
11	* 1.0321	* 1.3277	* 1.2906	* 1.4444	* 1.4235	* 1.4197	* 1.4673	* 0.5643
	* 2.2546	* 1.8232	* 1.8984	* 1.8123	* 1.8409	* 1.8309	* 1.7535	* 3.9808
12	* 1.3239	* 1.0959	* 1.4050	* 1.4177	* 1.3180	* 1.4464	* 0.8106	
	* 1.7562	* 2.1330	* 1.8118	* 1.8476	* 1.9886	* 1.8098	* 2.9273	
13	* 1.1216	* 1.2753	* 1.2619	* 1.4092	* 1.4275	* 0.7302	* 0.4798	
	* 2.0668	* 1.8637	* 1.9268	* 1.8386	* 1.8318	* 3.4725	* 4.8192	
14	* 1.3774	* 1.4581	* 1.4656	* 1.4586	* 0.8040	* 0.4447		
	* 1.6959	* 1.6331	* 1.6720	* 1.7612	* 2.9491	* 5.1955		
15	* 0.6576	* 0.6622	* 0.6348	* 0.5616	* F-SUB-Q			
	* 3.2350	* 3.2118	* 3.3809	* 3.9917	* M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9302	* 1.0045	* 1.0834	* 0.9650	* 1.2256	* 1.0447	* 1.2726	* 0.6223
	* 2.4293	* 2.2200	* 2.0327	* 2.2069	* 1.7384	* 2.0327	* 1.6824	* 3.1420
9	* 1.0045	* 1.2310	* 1.0253	* 1.2330	* 1.0240	* 1.1906	* 1.3503	* 0.6254
	* 2.2200	* 1.7950	* 2.1309	* 1.7889	* 2.0911	* 1.8272	* 1.6132	* 3.1288
10	* 1.0834	* 1.0280	* 1.2601	* 1.2060	* 1.3069	* 1.1781	* 1.3586	* 0.6038
	* 2.0327	* 2.1254	* 1.7502	* 1.8472	* 1.7760	* 1.8815	* 1.6426	* 3.2512
11	* 0.9650	* 1.2334	* 1.2059	* 1.3391	* 1.3254	* 1.3125	* 1.3536	* 0.5351
	* 2.2069	* 1.7876	* 1.8468	* 1.7801	* 1.7986	* 1.7820	* 1.7073	* 3.8224
12	* 1.2256	* 1.0229	* 1.3008	* 1.3201	* 1.2271	* 1.3366	* 0.7724	
	* 1.7384	* 2.0922	* 1.7820	* 1.8053	* 1.9393	* 1.7798	* 2.8016	
13	* 1.0447	* 1.1874	* 1.1747	* 1.3028	* 1.3189	* 0.6717	* 0.4543	
	* 2.0327	* 1.8301	* 1.8848	* 1.7894	* 1.8020	* 3.4254	* 4.6339	
14	* 1.2726	* 1.3484	* 1.3543	* 1.3455	* 0.7660	* 0.4220		
	* 1.6824	* 1.6143	* 1.6457	* 1.7154	* 2.8214	* 4.9851		
15	* 0.6223	* 0.6257	* 0.6032	* 0.5324	* F-SUB-Q			
	* 3.1420	* 3.1219	* 3.2509	* 3.8342	* M-SUB-Q			



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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8783	* 0.9497	* 1.0249	* 0.9111	* 1.1537	* 0.9834	* 1.1956	* 0.5778
	* 2.3207	* 2.1419	* 1.9791	* 2.1647	* 1.7136	* 2.0035	* 1.6618	* 3.1478
9	* 0.9497	* 1.1637	* 0.9692	* 1.1650	* 0.9650	* 1.1221	* 1.2653	* 0.5809
	* 2.1419	* 1.7426	* 2.0768	* 1.7441	* 2.0556	* 1.7958	* 1.5931	* 3.1258
10	* 1.0249	* 0.9717	* 1.1939	* 1.1420	* 1.2293	* 1.1081	* 1.2720	* 0.5576
	* 1.9791	* 2.0715	* 1.6986	* 1.7950	* 1.7249	* 1.8432	* 1.6156	* 3.2711
11	* 0.9111	* 1.1657	* 1.1420	* 1.2597	* 1.2491	* 1.2332	* 1.2651	* 0.4926
	* 2.1647	* 1.7428	* 1.7947	* 1.7171	* 1.7320	* 1.7308	* 1.6705	* 3.8259
12	* 1.1537	* 0.9640	* 1.2245	* 1.2441	* 1.1566	* 1.2527	* 0.7083	
	* 1.7136	* 2.0568	* 1.7315	* 1.7373	* 1.8782	* 1.7325	* 2.7721	
13	* 0.9834	* 1.1191	* 1.1050	* 1.2242	* 1.2365	* 0.6245	* 0.4169	
	* 2.0035	* 1.7988	* 1.8467	* 1.7384	* 1.7533	* 3.3892	* 4.6338	
14	* 1.1956	* 1.2635	* 1.2681	* 1.2576	* 0.7024	* 0.3862		
	* 1.6618	* 1.5944	* 1.6189	* 1.6788	* 2.7923	* 4.9976		
15	* 0.5778	* 0.5812	* 0.5566	* 0.4901	F-SUB-Q			
	* 3.1478	* 3.1188	* 3.2712	* 3.8384	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7942	* 0.8718	* 0.9363	* 0.8398	* 1.0371	* 0.8903	* 1.0724	* 0.5318
	* 2.3844	* 2.1660	* 2.0119	* 2.2055	* 1.7916	* 2.0821	* 1.7423	* 3.2241
9	* 0.8718	* 1.0455	* 0.8826	* 1.0511	* 0.8770	* 1.0114	* 1.1320	* 0.5320
	* 2.1660	* 1.8088	* 2.1327	* 1.8089	* 2.1238	* 1.8741	* 1.6709	* 3.2096
10	* 0.9363	* 0.8848	* 1.0791	* 1.0433	* 1.1136	* 1.0002	* 1.1373	* 0.5105
	* 2.0119	* 2.1275	* 1.7550	* 1.8421	* 1.7746	* 1.9115	* 1.6888	* 3.3567
11	* 0.8398	* 1.0514	* 1.0420	* 1.1336	* 1.1290	* 1.1114	* 1.1328	* 0.4462
	* 2.2055	* 1.8077	* 1.8419	* 1.7654	* 1.7707	* 1.7841	* 1.7330	* 3.9541
12	* 1.0371	* 0.8762	* 1.1109	* 1.1253	* 1.0451	* 1.1202	* 0.6458	
	* 1.7916	* 2.1251	* 1.7808	* 1.7759	* 1.9162	* 1.7872	* 2.8249	
13	* 0.8903	* 1.0088	* 0.9973	* 1.1036	* 1.1062	* 0.5480	* 0.3749	
	* 2.0821	* 1.8771	* 1.9153	* 1.7914	* 1.8083	* 3.5588	* 4.7698	
14	* 1.0724	* 1.1303	* 1.1338	* 1.1262	* 0.6405	* 0.3465		
	* 1.7423	* 1.6723	* 1.6924	* 1.7412	* 2.8457	* 5.1559		
15	* 0.5318	* 0.5328	* 0.5097	* 0.4439	F-SUB-Q			
	* 3.2241	* 3.2029	* 3.3572	* 3.9682	M-SUB-Q			

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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6275	* 0.7201	* 0.9072	* 0.6942	* 0.9420	* 0.7084	* 0.9396	* 0.4493
	* 2.8396	* 2.4678	* 1.9540	* 2.5361	* 1.8750	* 2.4889	* 1.8899	* 3.6417
9	* 0.7201	* 0.8774	* 0.7079	* 0.8808	* 0.7123	* 0.8017	* 0.9682	* 0.4386
	* 2.4678	* 2.0397	* 2.5201	* 2.0454	* 2.5104	* 2.2426	* 1.8565	* 3.7054
10	* 0.9072	* 0.7094	* 0.8565	* 0.8571	* 0.9432	* 0.8055	* 0.9692	* 0.4237
	* 1.9540	* 2.5149	* 2.0951	* 2.1326	* 1.9534	* 2.2831	* 1.8715	* 3.8482
11	* 0.6942	* 0.8800	* 0.8561	* 0.9702	* 0.9088	* 1.0152	* 0.9297	* 0.3626
	* 2.5361	* 2.0449	* 2.1338	* 1.9245	* 2.0734	* 1.8341	* 1.9871	* 4.6188
12	* 0.9420	* 0.7117	* 0.9408	* 0.9062	* 0.8286	* 0.8892	* 0.5357	
	* 1.8750	* 2.5120	* 1.9573	* 2.0787	* 2.2792	* 2.1223	* 3.2217	
13	* 0.7084	* 0.8000	* 0.8022	* 1.0092	* 0.8783	* 0.4175	* 0.2984	
	* 2.4889	* 2.2462	* 2.2879	* 1.8433	* 2.1474	* 4.4160	* 5.6729	
14	* 0.9396	* 0.9667	* 0.9666	* 0.9246	* 0.5315	* 0.2755		
	* 1.8899	* 1.8583	* 1.8751	* 1.9961	* 3.2443	* 6.1397		
15	* 0.4493	* 0.4393	* 0.4233	* 0.3607	* F-SUB-Q			
	* 3.6417	* 3.6935	* 3.8492	* 4.6363	* M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.2607	* 0.2892	* 0.3427	* 0.2950	* 0.3487	* 0.2923	* 0.3217	* 0.1791
	* 6.4479	* 5.8009	* 4.8706	* 5.6685	* 4.7854	* 5.7328	* 5.2154	* 8.6726
9	* 0.2892	* 0.3319	* 0.2967	* 0.3484	* 0.3043	* 0.3017	* 0.3275	* 0.1739
	* 5.8009	* 5.0618	* 5.6924	* 4.8668	* 5.6120	* 5.6376	* 5.1778	* 8.8670
10	* 0.3427	* 0.2971	* 0.3194	* 0.3310	* 0.3690	* 0.3177	* 0.3275	* 0.1693
	* 4.8706	* 5.6847	* 5.3325	* 5.2273	* 4.7024	* 5.4722	* 5.2207	* 9.1420
11	* 0.2950	* 0.3482	* 0.3306	* 0.3764	* 0.3404	* 0.3650	* 0.3130	* 0.1471
	* 5.6685	* 4.8679	* 5.2305	* 4.6378	* 5.1602	* 4.7908	* 5.5540	* 10.8018
12	* 0.3487	* 0.3040	* 0.3681	* 0.3395	* 0.3132	* 0.3151	* 0.2145	
	* 4.7854	* 5.6159	* 4.7113	* 5.1707	* 5.6617	* 5.6186	* 7.5792	
13	* 0.2923	* 0.3010	* 0.3163	* 0.3630	* 0.3122	* 0.2367	* 0.1152	
	* 5.7328	* 5.6482	* 5.4891	* 4.8141	* 5.6686	* 7.4758	* 14.0121	
14	* 0.3217	* 0.3270	* 0.3266	* 0.3113	* 0.2128	* 0.1100		
	* 5.2154	* 5.1831	* 5.2312	* 5.5794	* 7.6326	* 14.6629		
15	* 0.1791	* 0.1743	* 0.1691	* 0.1463	* F-SUB-Q			
	* 8.6726	* 8.8392	* 9.1456	* 10.8449	* M-SUB-Q			

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TABLE A-5

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	4.6122	4.5299	3.6234	4.4963	3.7200	4.6919	4.1169	6.9589
9*	4.5299	3.7335	4.4997	3.6222	4.4713	4.6360	4.1056	7.0106
10*	3.6234	4.4996	4.2592	4.1615	3.5447	4.4378	4.1182	7.0416
11*	4.4963	3.6241	4.1635	3.4830	4.1898	3.6989	4.2825	8.3469
12*	3.7200	4.4745	3.5474	4.1934	4.4925	4.0853	5.8872	
13*	4.6919	4.6406	4.4449	3.7052	4.1034	4.9372	9.8320	
14*	4.1169	4.1079	4.1222	4.2907	5.9117	10.1167		
15 *	6.9589	6.9979	7.0424	8.3613				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.2586	2.0858	1.6043	2.1775	1.6242	2.2112	1.6615	3.0691
9*	2.0858	1.6705	2.1651	1.6910	2.1658	2.0247	1.6452	3.0626
10*	1.6043	2.1645	1.8735	1.8790	1.6414	2.0184	1.6486	3.1113
11*	2.1775	1.6917	1.8798	1.6082	1.8641	1.5747	1.7064	3.6985
12*	1.6242	2.1671	1.6427	1.8660	1.9600	1.7199	2.6053	
13*	2.2112	2.0267	2.0218	1.5773	1.7313	3.1921	4.0572	
14*	1.6615	1.6460	1.6500	1.7099	2.6159	4.2374		
15 *	3.0691	3.0559	3.1113	3.7047				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9384	1.8389	1.6571	1.9125	1.5732	1.8726	1.5342	2.6882
9*	1.8389	1.5113	1.8510	1.5112	1.8723	1.7125	1.4885	2.6346
10*	1.6571	1.8502	1.5950	1.6394	1.4919	1.7396	1.4892	2.6895
11*	1.9125	1.5112	1.6396	1.4793	1.6015	1.5192	1.4879	3.1193
12*	1.5732	1.8735	1.4930	1.6037	1.6528	1.4590	2.2266	
13*	1.8726	1.7143	1.7427	1.5231	1.4693	2.6055	3.3569	
14*	1.5342	1.4892	1.4909	1.4916	2.2366	3.5438		
15 *	2.6882	2.6319	2.6894	3.1250				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.8282	1.7431	1.5593	1.8273	1.4499	1.7487	1.4049	2.5962
9*	1.7431	1.3975	1.7444	1.4021	1.7599	1.5845	1.3571	2.5303
10*	1.5593	1.7432	1.4861	1.5392	1.3859	1.6218	1.3563	2.5947
11*	1.8273	1.4019	1.5394	1.3605	1.4808	1.3950	1.3558	2.9846
12*	1.4499	1.7610	1.3872	1.4836	1.5278	1.3320	2.1434	
13*	1.7487	1.5863	1.6237	1.3993	1.3424	2.3455	3.1985	
14*	1.4049	1.3579	1.3580	1.3596	2.1538	3.3861		
15 *	2.5962	2.5274	2.5955	2.9902				

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.8339	1.7449	1.5487	1.8281	1.4250	1.7351	1.3731	2.5789
9*	1.7449	1.3842	1.7450	1.3879	1.7518	1.5660	1.3203	2.5143
10*	1.5487	1.7435	1.4793	1.5334	1.3558	1.5968	1.3170	2.5774
11*	1.8281	1.3877	1.5336	1.3302	1.4536	1.3596	1.3127	2.9509
12*	1.4250	1.7529	1.3590	1.4567	1.5046	1.2958	2.1037	
13*	1.7351	1.5681	1.5989	1.3643	1.3068	2.2815	3.1659	
14*	1.3731	1.3211	1.3189	1.3168	2.1148	3.3567		
15 *	2.5789	2.5113	2.5790	2.9568				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.8850	1.7904	1.5833	1.8709	1.4463	1.7675	1.3864	2.6122
9*	1.7904	1.4137	1.7890	1.4158	1.7881	1.5905	1.3277	2.5498
10*	1.5833	1.7873	1.5112	1.5667	1.3687	1.6159	1.3222	2.6116
11*	1.8709	1.4155	1.5669	1.3424	1.4674	1.3680	1.3146	2.9788
12*	1.4463	1.7893	1.3722	1.4708	1.5224	1.3030	2.1096	
13*	1.7675	1.5928	1.6182	1.3734	1.3150	2.3021	3.2047	
14*	1.3864	1.3286	1.3242	1.3191	2.1213	3.4022		
15 *	2.6122	2.5469	2.6133	2.9855				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9521	1.8508	1.6266	1.9303	1.4767	1.8147	1.4085	2.6986
9*	1.8508	1.4505	1.8467	1.4510	1.8390	1.6251	1.3457	2.6337
10*	1.6266	1.8447	1.5535	1.6104	1.3919	1.6486	1.3384	2.7003
11*	1.9303	1.4507	1.6106	1.3656	1.4948	1.3881	1.3292	3.0795
12*	1.4767	1.8405	1.3957	1.4985	1.5538	1.3224	2.1809	
13*	1.8147	1.6272	1.6512	1.3939	1.3351	2.3517	3.3324	
14*	1.4085	1.3466	1.3407	1.3340	2.1936	3.5466		
15 *	2.6986	2.6308	2.7023	3.0867				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.0618	1.9493	1.7053	2.0250	1.5383	1.8957	1.4609	2.8201
9*	1.9493	1.5182	1.9388	1.5169	1.9239	1.6908	1.3928	2.7543
10*	1.7053	1.9365	1.6253	1.6855	1.4468	1.7141	1.3843	2.8259
11*	2.0250	1.5165	1.6858	1.4216	1.5563	1.4413	1.3745	3.2208
12*	1.5383	1.9255	1.4510	1.5605	1.6224	1.3749	2.2807	
13*	1.8957	1.6932	1.7170	1.4476	1.3886	2.4585	3.5092	
14*	1.4609	1.3939	1.3868	1.3797	2.2944	3.7403		
15 *	2.8201	2.7515	2.8282	3.2286				

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.1930	2.0619	1.7922	2.1288	1.6056	1.9856	1.5206	2.9590
9*	2.0619	1.5947	2.0440	1.5920	2.0193	1.7707	1.4508	2.8943
10*	1.7922	2.0414	1.7090	1.7751	1.5150	1.7950	1.4426	2.9775
11*	2.1288	1.5915	1.7755	1.4934	1.6374	1.5099	1.4343	3.4017
12*	1.6056	2.0209	1.5194	1.6420	1.7159	1.4449	2.4204	
13*	1.9856	1.7732	1.7981	1.5167	1.4594	2.5936	3.7362	
14*	1.5206	1.4519	1.4452	1.4398	2.4350	3.9894		
15 *	2.9590	2.8908	2.9796	3.4101				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.3467	2.2086	1.9225	2.2746	1.7184	2.1183	1.6223	3.1012
9*	2.2086	1.7109	2.1862	1.7058	2.1556	1.8859	1.5437	3.0459
10*	1.9225	2.1833	1.8256	1.8977	1.6224	1.9109	1.5368	3.1252
11*	2.2746	1.7052	1.8977	1.6033	1.7548	1.6195	1.5315	3.5610
12*	1.7184	2.1573	1.6271	1.7598	1.8443	1.5523	2.5309	
13*	2.1183	1.8884	1.9142	1.6268	1.5681	2.7983	3.9435	
14*	1.6223	1.5448	1.5395	1.5374	2.5462	4.2075		
15 *	3.1012	3.0425	3.1252	3.5700				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.4452	2.2935	1.9819	2.3727	1.7829	2.2103	1.6779	3.2824
9*	2.2935	1.7730	2.2839	1.7773	2.2567	1.9677	1.5997	3.2193
10*	1.9819	2.2808	1.9123	1.9890	1.6949	1.9975	1.5964	3.3188
11*	2.3727	1.7766	1.9890	1.6786	1.8421	1.6920	1.5966	3.7973
12*	1.7829	2.2583	1.6997	1.8475	1.9404	1.6233	2.7248	
13*	2.2103	1.9701	2.0007	1.6999	1.6400	2.9403	4.2013	
14*	1.6779	1.6007	1.5990	1.6028	2.7415	4.4911		
15 *	3.2824	3.2151	3.3207	3.8062				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.5440	2.3930	2.0643	2.4750	1.8583	2.3115	1.7676	3.4478
9*	2.3930	1.8482	2.3818	1.8502	2.3556	2.0793	1.6842	3.3937
10*	2.0643	2.3783	1.9917	2.0807	1.7871	2.1106	1.6807	3.5061
11*	2.4750	1.8495	2.0807	1.7725	1.9463	1.7840	1.6778	4.0068
12*	1.8583	2.3570	1.7923	1.9521	2.0546	1.7138	2.8765	
13*	2.3115	2.0817	2.1140	1.7924	1.7316	3.0739	4.3917	
14*	1.7676	1.6852	1.6835	1.6842	2.8929	4.6986		
15 *	3.4478	3.3884	3.5075	4.0157				

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.5080	2.3457	2.0281	2.4248	1.8394	2.2820	1.7455	3.3970
9*	2.3457	1.8157	2.3345	1.8254	2.3296	2.0556	1.6743	3.3557
10*	2.0281	2.3311	1.9675	2.0591	1.7750	2.0880	1.6767	3.4621
11*	2.4248	1.8247	2.0590	1.7697	1.9452	1.7841	1.6866	3.9703
12*	1.8394	2.3309	1.7803	1.9509	2.0649	1.7257	2.8416	
13*	2.2820	2.0583	2.0914	1.7893	1.7436	3.1466	4.4411	
14*	1.7455	1.6754	1.6796	1.6932	2.8594	4.7476		
15 *	3.3970	3.3497	3.4615	3.9811				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.4230	2.2593	1.9409	2.3322	1.7548	2.1978	1.6736	3.3127
9*	2.2593	1.7354	2.2459	1.7445	2.2367	1.9838	1.6057	3.2710
10*	1.9409	2.2423	1.8867	1.9817	1.7136	2.0174	1.6103	3.3878
11*	2.3322	1.7437	1.9816	1.7114	1.8847	1.7199	1.6231	3.8820
12*	1.7548	2.2379	1.7187	1.8905	2.0047	1.6655	2.8069	
13*	2.1978	1.9863	2.0206	1.7250	1.6831	3.0124	4.3506	
14*	1.6736	1.6067	1.6131	1.6296	2.8242	4.6635		
15 *	3.3127	3.2650	3.3897	3.8917				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.2849	2.1260	1.8229	2.2030	1.6534	2.0715	1.5646	3.1183
9*	2.1260	1.6322	2.1187	1.6432	2.1147	1.8594	1.5004	3.0719
10*	1.8229	2.1152	1.7813	1.8673	1.5930	1.8872	1.5007	3.1802
11*	2.2030	1.6424	1.8672	1.5949	1.7614	1.5978	1.5054	3.6376
12*	1.6534	2.1160	1.5978	1.7668	1.8797	1.5493	2.6237	
13*	2.0715	1.8618	1.8903	1.6025	1.5653	2.8149	4.0906	
14*	1.5646	1.5014	1.5033	1.5113	2.6403	4.3910		
15 *	3.1183	3.0675	3.1825	3.6463				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.1655	2.0137	1.7265	2.0893	1.5627	1.9604	1.4752	2.9460
9*	2.0137	1.5438	2.0066	1.5542	2.0028	1.7534	1.4103	2.9017
10*	1.7265	2.0031	1.6812	1.7642	1.4979	1.7768	1.4079	3.0006
11*	2.0893	1.5534	1.7641	1.4971	1.6516	1.4994	1.4092	3.4231
12*	1.5627	2.0040	1.5028	1.6569	1.7651	1.4522	2.4548	
13*	1.9604	1.7559	1.7801	1.5041	1.4678	2.6464	3.8537	
14*	1.4752	1.4113	1.4106	1.4151	2.4709	4.1397		
15 *	2.9460	2.8981	3.0031	3.4332				

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.0773	1.9319	1.6615	2.0047	1.5014	1.8779	1.4142	2.7989
9*	1.9319	1.4836	1.9230	1.4933	1.9193	1.6770	1.3470	2.7575
10*	1.6615	1.9196	1.6079	1.6904	1.4326	1.6959	1.3426	2.8445
11*	2.0047	1.4925	1.6903	1.4285	1.5713	1.4311	1.3412	3.2352
12*	1.5014	1.9204	1.4375	1.5766	1.6809	1.3839	2.3032	
13*	1.8779	1.6795	1.6993	1.4361	1.3995	2.5281	3.6435	
14*	1.4142	1.3481	1.3453	1.3472	2.3190	3.9106		
15 *	2.7989	2.7543	2.8449	3.2457				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9713	1.8358	1.5693	1.9121	1.4159	1.7837	1.3310	2.7099
9*	1.8358	1.3989	1.8289	1.4087	1.8274	1.5875	1.2662	2.6650
10*	1.5693	1.8254	1.5203	1.6024	1.3473	1.6040	1.2602	2.7559
11*	1.9121	1.4079	1.6023	1.3412	1.4779	1.3416	1.2567	3.1383
12*	1.4159	1.8285	1.3522	1.4831	1.5800	1.2967	2.2390	
13*	1.7837	1.5900	1.6075	1.3472	1.3116	2.3791	3.5405	
14*	1.3310	1.2673	1.2630	1.2627	2.2548	3.8123		
15 *	2.7099	2.6620	2.7587	3.1487				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9028	1.7745	1.5162	1.8524	1.3669	1.7285	1.2867	2.6370
9*	1.7745	1.3488	1.7663	1.3582	1.7682	1.5351	1.2214	2.5922
10*	1.5162	1.7628	1.4619	1.5439	1.3011	1.5497	1.2148	2.6806
11*	1.8524	1.3574	1.5437	1.2919	1.4217	1.2926	1.2107	3.0525
12*	1.3669	1.7693	1.3059	1.4269	1.5201	1.2490	2.1718	
13*	1.7285	1.5377	1.5532	1.2995	1.2638	2.3045	3.4467	
14*	1.2867	1.2226	1.2176	1.2166	2.1876	3.7142		
15 *	2.6370	2.5894	2.6837	3.0632				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.8794	1.7543	1.5099	1.8299	1.3601	1.7122	1.2856	2.5783
9*	1.7543	1.3401	1.7403	1.3486	1.7448	1.5221	1.2166	2.5410
10*	1.5099	1.7369	1.4380	1.5207	1.2973	1.5351	1.2099	2.6185
11*	1.8299	1.3478	1.5206	1.2838	1.4050	1.2875	1.2073	2.9812
12*	1.3601	1.7459	1.3022	1.4102	1.5028	1.2446	2.1061	
13*	1.7122	1.5247	1.5386	1.2953	1.2599	2.3121	3.3696	
14*	1.2856	1.2179	1.2128	1.2133	2.1218	3.6238		
15 *	2.5783	2.5383	2.6193	2.9922				

Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.8528	1.7256	1.4847	1.8023	1.3412	1.6880	1.2720	2.5843
9*	1.7256	1.3171	1.7117	1.3247	1.7208	1.5019	1.2045	2.5465
10*	1.4847	1.7083	1.4067	1.4889	1.2805	1.5154	1.1981	2.6378
11*	1.8023	1.3239	1.4888	1.2665	1.3817	1.2710	1.1972	3.0198
12*	1.3412	1.7220	1.2851	1.3868	1.4789	1.2324	2.1382	
13*	1.6880	1.5047	1.5189	1.2787	1.2474	2.3123	3.4269	
14*	1.2720	1.2057	1.2010	1.2033	2.1542	3.6958		
15 *	2.5843	2.5439	2.6408	3.0310				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9218	1.7602	1.5216	1.8318	1.3945	1.7444	1.3246	2.6346
9*	1.7602	1.3719	1.7630	1.3739	1.7707	1.5580	1.2587	2.6091
10*	1.5216	1.7597	1.4528	1.5279	1.3225	1.5708	1.2521	2.7041
11*	1.8318	1.3731	1.5278	1.3131	1.4295	1.3176	1.2487	3.1302
12*	1.3945	1.7719	1.3272	1.4336	1.5314	1.2888	2.1980	
13*	1.7444	1.5607	1.5745	1.3251	1.3042	2.4733	3.5903	
14*	1.3246	1.2600	1.2552	1.2551	2.2138	3.8811		
15 *	2.6346	2.6041	2.7072	3.1420				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.2900	2.0031	1.4731	2.0852	1.4407	2.0569	1.4174	2.9479
9*	2.0031	1.5303	2.0680	1.5408	2.0648	1.8431	1.3838	2.9896
10*	1.4731	2.0642	1.7180	1.7487	1.4631	1.8416	1.3820	3.0813
11*	2.0852	1.5406	1.7498	1.4368	1.6595	1.3476	1.4331	3.6398
12*	1.4407	2.0662	1.4659	1.6638	1.8117	1.5233	2.4965	
13*	2.0569	1.8461	1.8479	1.3537	1.5409	3.0716	4.2816	
14*	1.4174	1.3853	1.3850	1.4401	2.5142	4.6341		
15 *	2.9479	2.9813	3.0826	3.6541				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	5.1414	4.6427	3.6175	4.5820	3.6073	4.6526	3.8359	6.9186
9*	4.6427	3.7385	4.5910	3.5970	4.5193	4.5397	3.7855	7.0506
10*	3.6175	4.5857	4.2925	4.1972	3.4552	4.3431	3.7901	7.2175
11*	4.5820	3.5981	4.2010	3.4079	4.0942	3.4666	3.9579	8.4131
12*	3.6073	4.5229	3.4614	4.1034	4.4534	3.9522	5.8149	
13*	4.6526	4.5484	4.3587	3.4817	3.9874	5.1773	10.4993	
14*	3.8359	3.7898	3.7981	3.9765	5.8565	10.9874		
15 *	6.9187	7.0327	7.2213	8.4478				



Catawba 1 Cycle 24 Core Operating Limits Report

TABLE A-6

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 100% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 1.0917	* 1.1738	* 1.2537	* 1.1311	* 1.3745	* 1.1903	* 1.3917	* 0.7202
	* 1.6032	* 1.5172	* 1.4363	* 1.5343	* 1.3050	* 1.4708	* 1.2803	* 2.3150
9	* 1.1738	* 1.3889	* 1.1808	* 1.3794	* 1.1744	* 1.3170	* 1.4527	* 0.7214
	* 1.5172	* 1.2970	* 1.5171	* 1.3221	* 1.4999	* 1.3618	* 1.2311	* 2.3143
10	* 1.2537	* 1.1826	* 1.4038	* 1.3439	* 1.4125	* 1.2888	* 1.4502	* 0.6951
	* 1.4363	* 1.5151	* 1.2812	* 1.3357	* 1.2993	* 1.4018	* 1.2447	* 2.4639
11	* 1.1311	* 1.3800	* 1.3439	* 1.4284	* 1.4103	* 1.4027	* 1.4358	* 0.6113
	* 1.5343	* 1.3216	* 1.3357	* 1.2795	* 1.2954	* 1.3045	* 1.2758	* 2.8481
12	* 1.3745	* 1.1737	* 1.4081	* 1.4070	* 1.3196	* 1.4251	* 0.8617	
	* 1.3050	* 1.5006	* 1.3032	* 1.2984	* 1.3499	* 1.2774	* 2.0535	
13	* 1.1903	* 1.3148	* 1.2867	* 1.3958	* 1.4109	* 0.7750	* 0.5421	
	* 1.4708	* 1.3634	* 1.4035	* 1.3112	* 1.2900	* 2.2730	* 3.1238	
14	* 1.3917	* 1.4516	* 1.4475	* 1.4300	* 0.8564	* 0.5075		
	* 1.2803	* 1.2316	* 1.2463	* 1.2806	* 2.0652	* 3.3232		
15	* 0.7202	* 0.7226	* 0.6950	* 0.6093	F-DEL-H			
	* 2.3150	* 2.3097	* 2.4629	* 2.8543	M-DEL-H			

AT 75% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 1.0792	* 1.1649	* 1.2442	* 1.1246	* 1.3743	* 1.1901	* 1.3964	* 0.7140
	* 1.9935	* 1.8852	* 1.7288	* 1.7721	* 1.4784	* 1.6802	* 1.4574	* 2.6695
9	* 1.1649	* 1.3851	* 1.1766	* 1.3802	* 1.1734	* 1.3250	* 1.4645	* 0.7160
	* 1.8852	* 1.5741	* 1.7879	* 1.5407	* 1.7195	* 1.5334	* 1.4049	* 2.6690
10	* 1.2442	* 1.1784	* 1.4091	* 1.3523	* 1.4219	* 1.2983	* 1.4627	* 0.6902
	* 1.7288	* 1.7852	* 1.5059	* 1.5676	* 1.5323	* 1.6021	* 1.4353	* 2.8045
11	* 1.1246	* 1.3808	* 1.3523	* 1.4428	* 1.4278	* 1.4147	* 1.4455	* 0.6057
	* 1.7721	* 1.5401	* 1.5674	* 1.5214	* 1.5311	* 1.5550	* 1.5183	* 3.3579
12	* 1.3743	* 1.1726	* 1.4187	* 1.4242	* 1.3326	* 1.4338	* 0.8582	
	* 1.4784	* 1.7203	* 1.5337	* 1.5350	* 1.6161	* 1.5189	* 2.4993	
13	* 1.1901	* 1.3226	* 1.2958	* 1.4072	* 1.4187	* 0.7619	* 0.5291	
	* 1.6802	* 1.5350	* 1.6034	* 1.5630	* 1.5344	* 2.7995	* 3.9282	
14	* 1.3964	* 1.4632	* 1.4597	* 1.4393	* 0.8527	* 0.4953		
	* 1.4574	* 1.4054	* 1.4368	* 1.5223	* 2.5139	* 4.1759		
15	* 0.7140	* 0.7170	* 0.6900	* 0.6036	F-DEL-H			
	* 2.6695	* 2.6621	* 2.8028	* 3.3637	M-DEL-H			

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TABLE A-6 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 50% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 1.0643	* 1.1535	* 1.2325	* 1.1166	* 1.3728	* 1.1886	* 1.4011	* 0.7085
	* 1.9368	* 1.8350	* 1.7563	* 1.8034	* 1.5132	* 1.6743	* 1.4801	* 2.7310
9	* 1.1535	* 1.3789	* 1.1707	* 1.3795	* 1.1711	* 1.3323	* 1.4768	* 0.7114
	* 1.8350	* 1.5794	* 1.7834	* 1.5534	* 1.7142	* 1.5243	* 1.4225	* 2.7278
10	* 1.2325	* 1.1728	* 1.4115	* 1.3592	* 1.4336	* 1.3077	* 1.4763	* 0.6862
	* 1.7563	* 1.7811	* 1.4921	* 1.5545	* 1.5535	* 1.6026	* 1.4714	* 2.8704
11	* 1.1166	* 1.3801	* 1.3591	* 1.4579	* 1.4456	* 1.4275	* 1.4570	* 0.6011
	* 1.8034	* 1.5529	* 1.5543	* 1.5117	* 1.4677	* 1.5491	* 1.5145	* 3.4401
12	* 1.3728	* 1.1702	* 1.4308	* 1.4417	* 1.3461	* 1.4438	* 0.8560	
	* 1.5132	* 1.7151	* 1.5579	* 1.4714	* 1.5714	* 1.5056	* 2.4220	
13	* 1.1886	* 1.3295	* 1.3050	* 1.4193	* 1.4278	* 0.7496	* 0.5170	
	* 1.6743	* 1.5261	* 1.6039	* 1.5571	* 1.5212	* 2.7989	* 3.8577	
14	* 1.4011	* 1.4753	* 1.4729	* 1.4502	* 0.8502	* 0.4840		
	* 1.4801	* 1.4230	* 1.4722	* 1.5208	* 2.4363	* 4.0902		
15	* 0.7085	* 0.7123	* 0.6859	* 0.5988	F-DEL-H			
	* 2.7310	* 2.7197	* 2.8688	* 3.4459	M-DEL-H			

AT 30% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 1.0501	* 1.1425	* 1.2215	* 1.1092	* 1.3711	* 1.1866	* 1.4052	* 0.7041
	* 1.9368	* 1.8350	* 1.7563	* 1.8034	* 1.5132	* 1.6743	* 1.4801	* 2.7310
9	* 1.1425	* 1.3725	* 1.1658	* 1.3791	* 1.1686	* 1.3386	* 1.4876	* 0.7078
	* 1.8350	* 1.5794	* 1.7834	* 1.5534	* 1.7142	* 1.5243	* 1.4225	* 2.7278
10	* 1.2215	* 1.1679	* 1.4121	* 1.3653	* 1.4448	* 1.3157	* 1.4884	* 0.6831
	* 1.7563	* 1.7811	* 1.4921	* 1.5545	* 1.5535	* 1.6026	* 1.4714	* 2.8704
11	* 1.1092	* 1.3793	* 1.3650	* 1.4716	* 1.4610	* 1.4391	* 1.4677	* 0.5975
	* 1.8034	* 1.5529	* 1.5543	* 1.5117	* 1.4677	* 1.5491	* 1.5145	* 3.4401
12	* 1.3711	* 1.1675	* 1.4418	* 1.4568	* 1.3580	* 1.4531	* 0.8548	
	* 1.5132	* 1.7151	* 1.5579	* 1.4714	* 1.5714	* 1.5056	* 2.4220	
13	* 1.1866	* 1.3356	* 1.3127	* 1.4303	* 1.4363	* 0.7390	* 0.5067	
	* 1.6743	* 1.5261	* 1.6039	* 1.5571	* 1.5212	* 2.7989	* 3.8577	
14	* 1.4052	* 1.4859	* 1.4846	* 1.4604	* 0.8487	* 0.4744		
	* 1.4801	* 1.4230	* 1.4722	* 1.5208	* 2.4363	* 4.0902		
15	* 0.7041	* 0.7084	* 0.6827	* 0.5951	F-DEL-H			
	* 2.7310	* 2.7197	* 2.8688	* 3.4459	M-DEL-H			