

Catawba Unit 2 Cycle 10
Core Operating Limits Report
October 1998

Duke Power Company

		Date
Prepared By:	<u>Nicholas R Hager</u>	<u>10/1/98</u>
Checked By:	<u>Scott B. Thomas</u>	<u>10/1/98</u>
Approved By:	<u>RH Clark</u>	<u>10/1/98</u>

QA Condition 1

The contents of this document have been reviewed to verify that no material herein either directly or indirectly changes the results and conclusions presented in the Catawba 2 Cycle 10 Reload 10CFR50.59 Reload Safety Evaluation.

IMPLEMENTATION INSTRUCTION FOR REVISION 15

Revision 15 to the Catawba Unit 2 COLR contains changes to the data included in Attachment A. This revision should be implemented concurrent with Revision 14 or as soon as possible thereafter.

INSERTION SHEET FOR REVISION 15

Remove

Pages 1-4

Appendix A, Page 1-12*

Appendix A, Page 61-72

Appendix A, Page 121-132

Appendix A, Page 229-252

Appendix A, 269

Insert

Pages 1-4

Appendix A Pages 1 - 12*

Appendix A, Page 61-72

Appendix A, Page 121-132

Appendix A, Page 229-252

Appendix A, 269

- * Appendix A is included in the NRC copy of the COLR. Controlled distribution copies of the COLR within Duke Power should ignore the Insertion/Deletion instructions for Appendix A.

REVISION LOG

<u>Revision</u>	<u>Effective Date</u>	<u>Comment</u>
Original Issue	February 1993	C2C06 COLR
Revision 1	April 1994	C2C06 COLR rev 1
Revision 2	May 1994	C2C07 COLR
Revision 3	October 1994	C2C07 COLR rev 1
Revision 4	April 1995	C2C07 COLR rev 2
Revision 5	September 1995	C2C07 COLR rev 3
Revision 6	October 1995	C2C08 COLR
Revision 7	September 1996	C2C08 COLR rev 1
Revision 8	March 1997	C2C08 COLR rev 2
Revision 9	March 1997	C2C09 COLR
Revision 10	April 1997	C2C09 COLR rev 1
Revision 11	June 1997	C2C09 COLR rev 2
Revision 12	July 1997	C2C09 COLR rev 3
Revision 13	August 1997	C2C09 COLR rev 4
Revision 14	August 1998	C2C10 COLR
Revision 15	October 1998	C2C10 COLR rev 1

TABLE 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	.4370	.3674	.3727	.3781	.4894	.3620	.3406	.2485
	3.2930	4.2491	4.3082	4.2801	3.2258	4.3723	4.6359	6.2812
9	.3674	.3770	.3781	.3727	.3727	.3663	.3256	.2570
	4.2491	4.1964	4.2410	4.3284	4.3132	4.3811	4.8580	6.0760
10	.3727	.3781	.5162	.3770	.3674	.3534	.3288	.2999
	4.3082	4.2410	3.0861	4.2573	4.3673	4.5197	4.8970	5.2420
11	.3781	.3727	.3770	.3716	.3556	.3470	.2838	.2570
	4.2801	4.3284	4.2573	4.2573	4.3368	4.4870	5.5176	6.0822
12	.4894	.3727	.3674	.3556	.3213	.2881	.2624	
	3.2258	4.3132	4.3759	4.3368	4.4422	4.9405	5.7930	
13	.3620	.3663	.3534	.3481	.2881	.2549	.2795	
	4.3723	4.3809	4.5197	4.4833	4.9405	5.5170	5.2480	
14	.3406	.3256	.3288	.2838	.2624	.2795		
	4.6359	4.8580	4.8970	5.5176	5.7930	5.2480		
15	.2485	.2570	.2999	.2570	F-SUB-Q			
	6.2812	6.0760	5.2419	6.0821	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	.6137	.8429	.8290	.8504	.7144	.8225	.7433	.6694
	2.4185	1.9338	1.9858	1.9442	2.2659	1.9863	2.1728	2.3928
9	.8429	.8140	.8504	.8268	.8450	.7958	.7808	.5923
	1.9338	1.9993	1.9372	1.9993	1.9527	2.0554	2.0782	2.7074
10	.8290	.8504	.7111	.8450	.8225	.8247	.7133	.4487
	1.9858	1.9365	2.2948	1.9355	1.9894	1.9986	2.3087	3.5913
11	.8504	.8279	.8450	.8140	.8343	.7647	.7154	.3888
	1.9442	1.9993	1.9365	1.9813	1.9365	2.0867	2.2604	4.1100
12	.7144	.8450	.8225	.8332	.7069	.7326	.5708	
	2.2659	1.9520	1.9894	1.9381	2.0319	2.0759	2.7570	
13	.8225	.7958	.8247	.7647	.7336	.6715	.4209	
	1.9863	2.0554	1.9986	2.0859	2.0759	2.2316	3.6178	
14	.7433	.7808	.7133	.7154	.5708	.4209		
	2.1728	2.0782	2.3101	2.2604	2.7570	3.6178		
15	.6694	.5923	.4487	.3888	F-SUB-Q			
	2.3928	2.7074	3.5912	4.1098	M-SUB-Q			

TABLE 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	* .8043	* 1.0742	* 1.0346	* 1.0806	* .8932	* 1.0485	* .9478	* .8911
	* 2.0254	* 1.5612	* 1.6314	* 1.5668	* 1.8498	* 1.5909	* 1.7391	* 1.8322
9	* 1.0742	* 1.0153	* 1.0806	* 1.0303	* 1.0774	* .9992	* 1.0100	* .7636
	* 1.5612	* 1.6495	* 1.5634	* 1.6411	* 1.5651	* 1.6709	* 1.6382	* 2.1453
10	* 1.0346	* 1.0806	* .8697	* 1.0785	* 1.0357	* 1.0592	* .9050	* .5666
	* 1.6314	* 1.5634	* 1.9240	* 1.5443	* 1.6125	* 1.5913	* 1.8555	* 2.9030
11	* 1.0806	* 1.0303	* 1.0785	* 1.0292	* 1.0742	* .9821	* .9328	* .4873
	* 1.5668	* 1.6411	* 1.5460	* 1.6061	* 1.5443	* 1.6730	* 1.7770	* 3.3560
12	* .8932	* 1.0774	* 1.0357	* 1.0742	* .9800	* .9821	* .7283	
	* 1.8498	* 1.5651	* 1.6132	* 1.5460	* 1.6347	* 1.6347	* 2.2244	
13	* 1.0485	* .9982	* 1.0592	* .9821	* .9832	* .9071	* .5419	
	* 1.5909	* 1.6709	* 1.5913	* 1.6730	* 1.6335	* 1.7468	* 2.9003	
14	* .9478	* 1.0100	* .9050	* .9328	* .7283	* .5419		
	* 1.7391	* 1.6382	* 1.8555	* 1.7770	* 2.2244	* 2.9003		
15	* .8911	* .7636	* .5666	* .4873	* F-SUB-Q			
	* 1.8322	* 2.1453	* 2.9028	* 3.3610	* 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	* .9382	* 1.2756	* 1.2038	* 1.2820	* 1.0410	* 1.2509	* 1.1192	* 1.0849
	* 1.8020	* 1.3534	* 1.4404	* 1.3542	* 1.6152	* 1.3574	* 1.5008	* 1.5342
9	* 1.2756	* 1.1813	* 1.2820	* 1.2006	* 1.2841	* 1.1749	* 1.2145	* .9104
	* 1.3534	* 1.4604	* 1.3547	* 1.4400	* 1.3486	* 1.4454	* 1.3889	* 1.8336
10	* 1.2038	* 1.2820	* 1.0014	* 1.2873	* 1.2145	* 1.2681	* 1.0742	* .6651
	* 1.4404	* 1.3547	* 1.7165	* 1.3273	* 1.4104	* 1.3646	* 1.6038	* 2.5202
11	* 1.2820	* 1.2006	* 1.2863	* 1.2113	* 1.2873	* 1.1642	* 1.1245	* .5698
	* 1.3542	* 1.4400	* 1.3286	* 1.4019	* 1.3261	* 1.4541	* 1.5145	* 2.9513
12	* 1.0410	* 1.2831	* 1.2145	* 1.2863	* 1.1685	* 1.1942	* .8654	
	* 1.6152	* 1.3486	* 1.4112	* 1.3267	* 1.4221	* 1.3934	* 1.9313	
13	* 1.2509	* 1.1749	* 1.2681	* 1.1642	* 1.1952	* 1.1160	* .6480	
	* 1.3574	* 1.4454	* 1.3646	* 1.4541	* 1.3926	* 1.4739	* 2.5093	
14	* 1.1192	* 1.2134	* 1.0742	* 1.1245	* .8654	* .6480		
	* 1.5008	* 1.3889	* 1.6038	* 1.5145	* 1.9313	* 2.5093		
15	* 1.0849	* .9104	* .6651	* .5687	* F-SUB-Q			
	* 1.5342	* 1.8336	* 2.5201	* 2.9535	* M-SUB-Q			

TABLE 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	* 1.0132	* 1.3977	* 1.3055	* 1.4052	* 1.1342	* 1.3805	* 1.2242	* 1.2038
	* 1.7293	* 1.2742	* 1.3645	* 1.2601	* 1.5169	* 1.2573	* 1.4012	* 1.4125
9	* 1.3977	* 1.2788	* 1.4052	* 1.3045	* 1.4116	* 1.2841	* 1.3430	* 1.0003
	* 1.2742	* 1.3919	* 1.2615	* 1.3556	* 1.2580	* 1.3492	* 1.2826	* 1.7051
10	* 1.3055	* 1.4052	* 1.0806	* 1.4191	* 1.3238	* 1.3987	* 1.1792	* .7240
	* 1.3645	* 1.2615	* 1.6390	* 1.2429	* 1.3342	* 1.2698	* 1.4926	* 2.3670
11	* 1.4052	* 1.3045	* 1.4180	* 1.3205	* 1.4201	* 1.2745	* 1.2445	* .6180
	* 1.2601	* 1.3556	* 1.2435	* 1.3262	* 1.2393	* 1.3725	* 1.4120	* 2.8042
12	* 1.1342	* 1.4116	* 1.3238	* 1.4180	* 1.2831	* 1.3259	* .9478	*
	* 1.5169	* 1.2580	* 1.3350	* 1.2393	* 1.3418	* 1.2990	* 1.8230	*
13	* 1.3805	* 1.2841	* 1.3987	* 1.2745	* 1.3270	* 1.2477	* .7133	*
	* 1.2573	* 1.3492	* 1.2698	* 1.3722	* 1.2982	* 1.3660	* 2.3624	*
14	* 1.2242	* 1.3430	* 1.1792	* 1.2445	* .9489	* .7133	*	*
	* 1.4012	* 1.2826	* 1.4936	* 1.4120	* 1.8230	* 2.3624	*	*
15	* 1.2038	* 1.0003	* .7229	* .6169	* F-SUB-Q			
	* 1.4125	* 1.7051	* 2.3669	* 2.8070	* 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	* 1.0603	* 1.4716	* 1.3666	* 1.4812	* 1.1952	* 1.4608	* 1.2906	* 1.2756
	* 1.7105	* 1.2483	* 1.3326	* 1.2229	* 1.4762	* 1.2177	* 1.3642	* 1.3674
9	* 1.4716	* 1.3388	* 1.4812	* 1.3687	* 1.4908	* 1.3527	* 1.4234	* 1.0549
	* 1.2483	* 1.3725	* 1.2242	* 1.3226	* 1.2184	* 1.3113	* 1.2407	* 1.6590
10	* 1.3666	* 1.4812	* 1.1331	* 1.5005	* 1.3912	* 1.4801	* 1.2434	* .7604
	* 1.3326	* 1.2242	* 1.6034	* 1.2149	* 1.3120	* 1.2261	* 1.4464	* 2.3074
11	* 1.4812	* 1.3677	* 1.4994	* 1.3880	* 1.5015	* 1.3409	* 1.3173	* .6480
	* 1.2229	* 1.3226	* 1.2161	* 1.3072	* 1.2142	* 1.3503	* 1.3770	* 2.7541
12	* 1.1952	* 1.4908	* 1.3902	* 1.4994	* 1.3516	* 1.4062	* .9982	*
	* 1.4762	* 1.2184	* 1.3128	* 1.2149	* 1.3237	* 1.2734	* 1.8003	*
13	* 1.4608	* 1.3527	* 1.4801	* 1.3409	* 1.4073	* 1.3270	* .7529	*
	* 1.2177	* 1.3113	* 1.2261	* 1.3501	* 1.2723	* 1.3365	* 2.3335	*
14	* 1.2906	* 1.4234	* 1.2434	* 1.3173	* .9982	* .7529	*	*
	* 1.3642	* 1.2407	* 1.4473	* 1.3779	* 1.8003	* 2.3325	*	*
15	* 1.2756	* 1.0549	* .7604	* .6469	* F-SUB-Q			
	* 1.3674	* 1.6590	* 2.3096	* 2.7574	* M-SUB-Q			

TABLE 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	* 1.0860	* 1.5230	* 1.4084	* 1.5337	* 1.2370	* 1.5176	* 1.3355	* 1.3259
	* 1.7329	* 1.2378	* 1.3279	* 1.2144	* 1.4721	* 1.2081	* 1.3590	* 1.3582
9	* 1.5230	* 1.3784	* 1.5337	* 1.4126	* 1.5465	* 1.4009	* 1.4801	* 1.0913
	* 1.2378	* 1.3682	* 1.2151	* 1.3173	* 1.2075	* 1.3039	* 1.2305	* 1.6550
10	* 1.4084	* 1.5337	* 1.1674	* 1.5572	* 1.4373	* 1.5369	* 1.2884	* .7840
	* 1.3279	* 1.2151	* 1.5988	* 1.2081	* 1.3081	* 1.2112	* 1.4338	* 2.3078
11	* 1.5337	* 1.4116	* 1.5562	* 1.4341	* 1.5583	* 1.3869	* 1.3677	* .6662
	* 1.2144	* 1.3180	* 1.2087	* 1.3139	* 1.2092	* 1.3562	* 1.3675	* 2.7546
12	* 1.2370	* 1.5465	* 1.4362	* 1.5562	* 1.3987	* 1.4619	* 1.0303	*
	* 1.4721	* 1.2081	* 1.3084	* 1.2107	* 1.3315	* 1.2739	* 1.8112	*
13	* 1.5176	* 1.4009	* 1.5369	* 1.3869	* 1.4630	* 1.3816	* .7775	*
	* 1.2081	* 1.3047	* 1.2119	* 1.3562	* 1.2732	* 1.3379	* 2.3516	*
14	* 1.3355	* 1.4801	* 1.2884	* 1.3677	* 1.0303	* .7786	*	*
	* 1.3590	* 1.2305	* 1.4347	* 1.3675	* 1.8112	* 2.3516	*	*
15	* 1.3259	* 1.0913	* .7829	* .6651	* F-SUB-Q			
	* 1.3582	* 1.6550	* 2.3077	* 2.7545	* 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	* 1.1288	* 1.5979	* 1.4726	* 1.6108	* 1.2959	* 1.5979	* 1.4019	* 1.3998
	* 1.7290	* 1.2220	* 1.3113	* 1.1950	* 1.4579	* 1.1895	* 1.3430	* 1.3337
9	* 1.5979	* 1.4405	* 1.6108	* 1.4780	* 1.6268	* 1.4716	* 1.5604	* 1.1470
	* 1.2220	* 1.3567	* 1.1956	* 1.3010	* 1.1847	* 1.2859	* 1.2098	* 1.6349
10	* 1.4726	* 1.6108	* 1.2177	* 1.6386	* 1.5058	* 1.6183	* 1.3527	* .8204
	* 1.3113	* 1.1956	* 1.5812	* 1.1853	* 1.2859	* 1.1871	* 1.4095	* 2.2831
11	* 1.6108	* 1.4780	* 1.6365	* 1.5026	* 1.6386	* 1.4533	* 1.4405	* .6961
	* 1.1950	* 1.3017	* 1.1859	* 1.2958	* 1.1874	* 1.3344	* 1.3419	* 2.7153
12	* 1.2959	* 1.6258	* 1.5048	* 1.6365	* 1.4673	* 1.5401	* 1.0785	*
	* 1.4579	* 1.1853	* 1.2866	* 1.1892	* 1.3227	* 1.2583	* 1.7939	*
13	* 1.5979	* 1.4716	* 1.6183	* 1.4533	* 1.5412	* 1.4587	* .8161	*
	* 1.1895	* 1.2866	* 1.1871	* 1.3344	* 1.2572	* 1.3245	* 2.3395	*
14	* 1.4019	* 1.5594	* 1.3527	* 1.4405	* 1.0785	* .8161	*	*
	* 1.3430	* 1.2105	* 1.4095	* 1.3419	* 1.7939	* 2.3396	*	*
15	* 1.3998	* 1.1470	* .8193	* .6951	* F-SUB-Q			
	* 1.3337	* 1.6349	* 2.2830	* 2.7184	* M-SUB-Q			

TABLE 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	* 1.1513	* 1.6397	* 1.5069	* 1.6536	* 1.3302	* 1.6440	* 1.4384	* 1.4394
	* 1.7713	* 1.2294	* 1.3293	* 1.2084	* 1.4799	* 1.2034	* 1.3626	* 1.3500
9	* 1.6397	* 1.4737	* 1.6536	* 1.5144	* 1.6708	* 1.5123	* 1.6054	* 1.1760
	* 1.2294	* 1.3698	* 1.2090	* 1.3188	* 1.1948	* 1.3027	* 1.2236	* 1.6606
10	* 1.5069	* 1.6536	* 1.2466	* 1.6836	* 1.5433	* 1.6643	* 1.3880	* .8397
	* 1.3293	* 1.2090	* 1.6044	* 1.1954	* 1.2990	* 1.1960	* 1.4231	* 2.3196
11	* 1.6536	* 1.5133	* 1.6815	* 1.5401	* 1.6847	* 1.4898	* 1.4801	* .7101
	* 1.2084	* 1.3195	* 1.1960	* 1.3152	* 1.2003	* 1.3538	* 1.3508	* 2.7492
12	* 1.3302	* 1.6708	* 1.5422	* 1.6825	* 1.5037	* 1.5829	* 1.1021	*
	* 1.4799	* 1.1948	* 1.2997	* 1.2016	* 1.3415	* 1.2712	* 1.8230	*
13	* 1.6440	* 1.5112	* 1.6633	* 1.4898	* 1.5840	* 1.5005	* .8343	*
	* 1.2034	* 1.3027	* 1.1966	* 1.3538	* 1.2698	* 1.3354	* 2.3714	*
14	* 1.4384	* 1.6054	* 1.3880	* 1.4801	* 1.1021	* .8343	*	*
	* 1.3626	* 1.2236	* 1.4240	* 1.3508	* 1.8230	* 2.3715	*	*
15	* 1.4394	* 1.1760	* .8386	* .7101	* F-SUB-Q			
	* 1.3500	* 1.6606	* 2.3194	* 2.7491	* 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	* 1.1385	* 1.6343	* 1.5015	* 1.6504	* 1.3270	* 1.6429	* 1.4373	* 1.4341
	* 1.8536	* 1.2830	* 1.3931	* 1.2650	* 1.5548	* 1.2595	* 1.4280	* 1.4185
9	* 1.6343	* 1.4683	* 1.6493	* 1.5101	* 1.6686	* 1.5112	* 1.6044	* 1.1717
	* 1.2830	* 1.4315	* 1.2656	* 1.3816	* 1.2461	* 1.3623	* 1.2795	* 1.7445
10	* 1.5015	* 1.6493	* 1.2413	* 1.6815	* 1.5390	* 1.6633	* 1.3859	* .8322
	* 1.3931	* 1.2656	* 1.6844	* 1.2441	* 1.3568	* 1.2474	* 1.4870	* 2.4411
11	* 1.6504	* 1.5101	* 1.6793	* 1.5358	* 1.6825	* 1.4855	* 1.4758	* .7026
	* 1.2650	* 1.3824	* 1.2461	* 1.3663	* 1.2441	* 1.4065	* 1.4057	* 2.8860
12	* 1.3270	* 1.6686	* 1.5380	* 1.6804	* 1.5005	* 1.5808	* 1.0967	*
	* 1.5548	* 1.2468	* 1.3575	* 1.2461	* 1.4040	* 1.3297	* 1.9051	*
13	* 1.6429	* 1.5101	* 1.6622	* 1.4855	* 1.5819	* 1.4962	* .8279	*
	* 1.2595	* 1.3631	* 1.2481	* 1.4065	* 1.3282	* 1.3998	* 2.4946	*
14	* 1.4373	* 1.6044	* 1.3859	* 1.4758	* 1.0967	* .8279	*	*
	* 1.4280	* 1.2802	* 1.4880	* 1.4057	* 1.9051	* 2.4946	*	*
15	* 1.4341	* 1.1706	* .8311	* .7026	* F-SUB-Q			
	* 1.4185	* 1.7445	* 2.4435	* 2.8895	* M-SUB-Q			

TABLE 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	* 1.1802	* 1.7040	* 1.5583	* 1.7211	* 1.3827	* 1.7168	* 1.4951	* 1.5026
	* 1.8770	* 1.2961	* 1.4163	* 1.2791	* 1.5755	* 1.2715	* 1.4488	* 1.4268
9	* 1.7040	* 1.5240	* 1.7211	* 1.5690	* 1.7425	* 1.5754	* 1.6783	* 1.2188
	* 1.2961	* 1.4533	* 1.2798	* 1.4027	* 1.2558	* 1.3771	* 1.2904	* 1.7651
10	* 1.5583	* 1.7211	* 1.2884	* 1.7554	* 1.6001	* 1.7372	* 1.4426	* .8664
	* 1.4163	* 1.2798	* 1.7099	* 1.2510	* 1.3739	* 1.2571	* 1.5019	* 2.4637
11	* 1.7211	* 1.5679	* 1.7532	* 1.5969	* 1.7564	* 1.5444	* 1.5412	* .7304
	* 1.2791	* 1.4036	* 1.2531	* 1.3795	* 1.2504	* 1.4172	* 1.4103	* 2.9070
12	* 1.3827	* 1.7414	* 1.5990	* 1.7543	* 1.5594	* 1.6504	* 1.1363	*
	* 1.5755	* 1.2564	* 1.3747	* 1.2524	* 1.4095	* 1.3271	* 1.9171	*
13	* 1.7168	* 1.5754	* 1.7361	* 1.5444	* 1.6515	* 1.5658	* .8600	*
	* 1.2715	* 1.3779	* 1.2571	* 1.4172	* 1.3263	* 1.3944	* 2.4950	*
14	* 1.4951	* 1.6783	* 1.4426	* 1.5412	* 1.1363	* .8600	*	*
	* 1.4488	* 1.2912	* 1.5029	* 1.4103	* 1.9171	* 2.4950	*	*
15	* 1.5026	* 1.2188	* .8654	* .7304	* F-SUB-Q			
	* 1.4268	* 1.7651	* 2.4662	* 2.9070	* 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	* 1.1888	* 1.7307	* 1.5797	* 1.7489	* 1.3998	* 1.7457	* 1.5155	* 1.5272
	* 1.9754	* 1.3550	* 1.4860	* 1.3372	* 1.6483	* 1.3246	* 1.5095	* 1.4799
9	* 1.7307	* 1.5433	* 1.7489	* 1.5904	* 1.7714	* 1.6022	* 1.7072	* 1.2359
	* 1.3550	* 1.5238	* 1.3380	* 1.4702	* 1.3088	* 1.4353	* 1.3413	* 1.8359
10	* 1.5797	* 1.7489	* 1.3013	* 1.7854	* 1.6226	* 1.7671	* 1.4630	* .8739
	* 1.4860	* 1.3380	* 1.7953	* 1.3029	* 1.4350	* 1.3095	* 1.5658	* 2.5741
11	* 1.7489	* 1.5894	* 1.7821	* 1.6183	* 1.7864	* 1.5647	* 1.5647	* .7368
	* 1.3372	* 1.4711	* 1.3044	* 1.4385	* 1.3015	* 1.4767	* 1.4656	* 3.0401
12	* 1.3998	* 1.7704	* 1.6215	* 1.7832	* 1.5808	* 1.6761	* 1.1481	*
	* 1.6483	* 1.3095	* 1.4359	* 1.3037	* 1.4665	* 1.3758	* 1.9933	*
13	* 1.7457	* 1.6011	* 1.7671	* 1.5647	* 1.6783	* 1.5904	* .8697	*
	* 1.3246	* 1.4353	* 1.3102	* 1.4767	* 1.3742	* 1.4412	* 2.5891	*
14	* 1.5155	* 1.7072	* 1.4630	* 1.5647	* 1.1481	* .8697	*	*
	* 1.5095	* 1.3421	* 1.5669	* 1.4656	* 1.9933	* 2.5892	*	*
15	* 1.5272	* 1.2359	* .8739	* .7358	* F-SUB-Q			
	* 1.4799	* 1.8359	* 2.5740	* 3.0401	* M-SUB-Q			

TABLE 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	* 1.1813	* 1.7254	* 1.5733	* 1.7447	* 1.3944	* 1.7425	* 1.5112	* 1.5197
	* 2.0318	* 1.4068	* 1.5414	* 1.3908	* 1.7192	* 1.3908	* 1.5984	* 1.5725
9	* 1.7254	* 1.5358	* 1.7436	* 1.5840	* 1.7682	* 1.5990	* 1.7040	* 1.2295
	* 1.4068	* 1.5779	* 1.3917	* 1.5313	* 1.3753	* 1.5144	* 1.4196	* 1.9493
10	* 1.5733	* 1.7436	* 1.2959	* 1.7811	* 1.6172	* 1.7639	* 1.4576	* .8675
	* 1.5414	* 1.3917	* 1.8550	* 1.3672	* 1.5047	* 1.3769	* 1.6597	* 2.7352
11	* 1.7447	* 1.5829	* 1.7789	* 1.6129	* 1.7832	* 1.5583	* 1.5572	* .7294
	* 1.3908	* 1.5323	* 1.3688	* 1.5085	* 1.3664	* 1.5610	* 1.5558	* 3.2304
12	* 1.3944	* 1.7671	* 1.6161	* 1.7800	* 1.5754	* 1.6708	* 1.1406	*
	* 1.7192	* 1.3753	* 1.5056	* 1.3680	* 1.5455	* 1.4577	* 2.1210	*
13	* 1.7425	* 1.5990	* 1.7629	* 1.5583	* 1.6718	* 1.5829	* .8622	*
	* 1.3908	* 1.5154	* 1.3777	* 1.5610	* 1.4559	* 1.5304	* 2.7548	*
14	* 1.5112	* 1.7029	* 1.4576	* 1.5572	* 1.1406	* .8622	*	*
	* 1.5984	* 1.4196	* 1.6597	* 1.5558	* 2.1191	* 2.7547	*	*
15	* 1.5197	* 1.2295	* .8675	* .7294	* F-SUB-Q			
	* 1.5725	* 1.9493	* 2.7350	* 3.2349	* 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	* 1.1910	* 1.7532	* 1.5936	* 1.7736	* 1.4126	* 1.7725	* 1.5326	* 1.5465
	* 1.9714	* 1.3530	* 1.4884	* 1.3382	* 1.6624	* 1.3382	* 1.5434	* 1.5263
9	* 1.7532	* 1.5562	* 1.7725	* 1.6054	* 1.7982	* 1.6247	* 1.7339	* 1.2477
	* 1.3530	* 1.5233	* 1.3390	* 1.4780	* 1.3223	* 1.4595	* 1.3664	* 1.8909
10	* 1.5936	* 1.7736	* 1.3098	* 1.8121	* 1.6397	* 1.7950	* 1.4791	* .8782
	* 1.4884	* 1.3390	* 1.7947	* 1.3141	* 1.4505	* 1.3238	* 1.6017	* 2.6613
11	* 1.7736	* 1.6044	* 1.8089	* 1.6354	* 1.8132	* 1.5797	* 1.5829	* .7368
	* 1.3382	* 1.4789	* 1.3164	* 1.4550	* 1.3134	* 1.5056	* 1.4989	* 3.1596
12	* 1.4126	* 1.7971	* 1.6386	* 1.8100	* 1.5979	* 1.6986	* 1.1545	*
	* 1.6624	* 1.3231	* 1.4514	* 1.3156	* 1.4912	* 1.4025	* 2.0557	*
13	* 1.7725	* 1.6247	* 1.7939	* 1.5797	* 1.6997	* 1.6108	* .8729	*
	* 1.3382	* 1.4604	* 1.3246	* 1.5056	* 1.4009	* 1.4799	* 2.6905	*
14	* 1.5326	* 1.7339	* 1.4711	* 1.5829	* 1.1545	* .8729	*	*
	* 1.5434	* 1.3664	* 1.6028	* 1.4998	* 2.0557	* 2.6874	*	*
15	* 1.5465	* 1.2477	* .8771	* .7368	* F-SUB-Q			
	* 1.5263	* 1.8909	* 2.6627	* 3.1596	* M-SUB-Q			

TABLE 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	* 1.1995	* 1.7832	* 1.6172	* 1.8036	* 1.4298	* 1.8025	* 1.5562	* 1.5754
	* 1.9055	* 1.2961	* 1.4289	* 1.2815	* 1.6002	* 1.2822	* 1.4830	* 1.4611
9	* 1.7832	* 1.5787	* 1.8036	* 1.6279	* 1.8282	* 1.6515	* 1.7650	* 1.2659
	* 1.2961	* 1.4629	* 1.2822	* 1.4194	* 1.2655	* 1.3994	* 1.3088	* 1.8163
10	* 1.6172	* 1.8036	* 1.3238	* 1.8432	* 1.6633	* 1.8261	* 1.5015	* .8868
	* 1.4289	* 1.2822	* 1.7289	* 1.2574	* 1.3919	* 1.2676	* 1.5376	* 2.5665
11	* 1.8036	* 1.6279	* 1.8400	* 1.6600	* 1.8443	* 1.6022	* 1.6097	* .7433
	* 1.2815	* 1.4202	* 1.2594	* 1.3956	* 1.2563	* 1.4453	* 1.4355	* 3.0505
12	* 1.4298	* 1.8271	* 1.6622	* 1.8410	* 1.6204	* 1.7275	* 1.1674	*
	* 1.6002	* 1.2662	* 1.3931	* 1.2587	* 1.4303	* 1.3411	* 1.9770	*
13	* 1.8025	* 1.6504	* 1.8250	* 1.6022	* 1.7286	* 1.6397	* .8825	*
	* 1.2822	* 1.4003	* 1.2683	* 1.4453	* 1.3404	* 1.4134	* 2.5833	*
14	* 1.5562	* 1.7639	* 1.5005	* 1.6097	* 1.1674	* .8836	*	*
	* 1.4830	* 1.3091	* 1.5386	* 1.4355	* 1.9770	* 2.5833	*	*
15	* 1.5754	* 1.2659	* .8857	* .7422	* F-SUB-Q			
	* 1.4611	* 1.8163	* 2.5693	* 3.0504	* 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	* 1.2027	* 1.7929	* 1.6226	* 1.8132	* 1.4351	* 1.8111	* 1.5594	* 1.5808
	* 1.8549	* 1.2585	* 1.3904	* 1.2451	* 1.5575	* 1.2464	* 1.4451	* 1.4226
9	* 1.7929	* 1.5840	* 1.8132	* 1.6333	* 1.8378	* 1.6579	* 1.7736	* 1.2681
	* 1.2585	* 1.4235	* 1.2454	* 1.3822	* 1.2294	* 1.3621	* 1.2726	* 1.7719
10	* 1.6226	* 1.8132	* 1.3280	* 1.8528	* 1.6686	* 1.8346	* 1.5048	* .8868
	* 1.3904	* 1.2454	* 1.6834	* 1.2210	* 1.3545	* 1.2319	* 1.4979	* 2.5079
11	* 1.8132	* 1.6322	* 1.8496	* 1.6643	* 1.8539	* 1.6054	* 1.6151	* .7422
	* 1.2451	* 1.3830	* 1.2233	* 1.3581	* 1.2204	* 1.4072	* 1.3967	* 2.9829
12	* 1.4351	* 1.8368	* 1.6675	* 1.8507	* 1.6247	* 1.7339	* 1.1674	*
	* 1.5575	* 1.2307	* 1.3557	* 1.2226	* 1.3913	* 1.3035	* 1.9293	*
13	* 1.8111	* 1.6568	* 1.8336	* 1.6054	* 1.7361	* 1.6451	* .8825	*
	* 1.2464	* 1.3624	* 1.2326	* 1.4072	* 1.3024	* 1.3741	* 2.5237	*
14	* 1.5562	* 1.7725	* 1.5037	* 1.6151	* 1.1674	* .8825	*	*
	* 1.4451	* 1.2729	* 1.4984	* 1.3971	* 1.9293	* 2.5210	*	*
15	* 1.5808	* 1.2681	* .8857	* .7411	* F-SUB-Q			
	* 1.4226	* 1.7719	* 2.5104	* 2.9849	* M-SUB-Q			

TABLE 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	* 1.1792	* 1.7639	* 1.5958	* 1.7843	* 1.8068	* 1.7789	* 1.5305	* 1.5465
	* 1.8517	* 1.2519	* 1.3832	* 1.2386	* 1.2423	* 1.4418	* 1.4246	*
9	* 1.7639	* 1.5583	* 1.7832	* 1.6054	* 1.6279	* 1.7404	* 1.2402	*
	* 1.2519	* 1.4155	* 1.2393	* 1.3763	* 1.3579	* 1.2693	* 1.7744	*
10	* 1.5958	* 1.7832	* 1.3034	* 1.8196	* 1.6386	* 1.8014	* 1.4748	* .8643
	* 1.3832	* 1.2393	* 1.6776	* 1.2161	* 1.3493	* 1.2276	* 1.4953	* 2.5184
11	* 1.7843	* 1.6044	* 1.8164	* 1.6354	* 1.8218	* 1.5744	* 1.5819	* .7219
	* 1.2386	* 1.3771	* 1.2180	* 1.3528	* 1.2154	* 1.4032	* 1.3957	* 3.0000
12	* 1.4084	* 1.8057	* 1.6376	* 1.8175	* 1.5947	* 1.7007	* 1.1417	*
	* 1.5546	* 1.2250	* 1.3504	* 1.2173	* 1.3869	* 1.3000	* 1.9299	*
13	* 1.7789	* 1.6268	* 1.8014	* 1.5744	* 1.7029	* 1.6108	* .8600	*
	* 1.2423	* 1.3583	* 1.2282	* 1.4036	* 1.2993	* 1.3731	* 2.5317	*
14	* 1.5305	* 1.7393	* 1.4748	* 1.5808	* 1.1417	* .8611	*	*
	* 1.4418	* 1.2696	* 1.4963	* 1.3960	* 1.9299	* 2.5317	*	*
15	* 1.5465	* 1.2402	* .8643	* .7208	* F-SUB-Q			
	* 1.4246	* 1.7744	* 2.5210	* 3.0038	* 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	* 1.2070	* 1.8153	* 1.6343	* 1.8346	* 1.4394	* 1.8250	* 1.5615	* 1.5862
	* 1.7726	* 1.1920	* 1.3234	* 1.1805	* 1.4918	* 1.1882	* 1.3868	* 1.3621
9	* 1.8153	* 1.5969	* 1.8336	* 1.6418	* 1.8550	* 1.6654	* 1.7832	* 1.2659
	* 1.1920	* 1.3539	* 1.1811	* 1.3188	* 1.1687	* 1.3019	* 1.2153	* 1.7060
10	* 1.6343	* 1.8336	* 1.3334	* 1.8678	* 1.6750	* 1.8485	* 1.5058	* .8814
	* 1.3234	* 1.1811	* 1.6084	* 1.1617	* 1.2939	* 1.1739	* 1.4371	* 2.4270
11	* 1.8346	* 1.6408	* 1.8646	* 1.6708	* 1.8689	* 1.6076	* 1.6204	* .7347
	* 1.1805	* 1.3201	* 1.1639	* 1.2975	* 1.1611	* 1.3491	* 1.3367	* 2.8941
12	* 1.4394	* 1.8539	* 1.6740	* 1.8657	* 1.6279	* 1.7425	* 1.1610	*
	* 1.4918	* 1.1699	* 1.2954	* 1.1635	* 1.3323	* 1.2451	* 1.8619	*
13	* 1.8250	* 1.6643	* 1.8475	* 1.6076	* 1.7436	* 1.6515	* .8761	*
	* 1.1882	* 1.3026	* 1.1745	* 1.3491	* 1.2441	* 1.3134	* 2.4379	*
14	* 1.5615	* 1.7832	* 1.5048	* 1.6194	* 1.1610	* .8761	*	*
	* 1.3868	* 1.2153	* 1.4380	* 1.3367	* 1.3619	* 2.4379	*	*
15	* 1.5862	* 1.2649	* .8804	* .7347	* F-SUB-Q			
	* 1.3621	* 1.7060	* 2.4282	* 2.8960	* M-SUB-Q			

Catawba 2 Cycle 10 Core Operating Limits Report

CNEI-0400-25
 Appendix A
 Page 10 of 269
 Revision 15

TABLE 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	* 1.2092 *	* 1.8218 *	* 1.6376 *	* 1.8389 *	* 1.4341 *	* 1.8196 *	* 1.5519 *	* 1.5744 *
	* 1.7368 *	* 1.1649 *	* 1.2957 *	* 1.1555 *	* 1.4692 *	* 1.1687 *	* 1.3697 *	* 1.3483 *
9	* 1.8218 *	* 1.6011 *	* 1.8378 *	* 1.6408 *	* 1.8550 *	* 1.6579 *	* 1.7757 *	* 1.2541 *
	* 1.1649 *	* 1.3242 *	* 1.1557 *	* 1.2948 *	* 1.1470 *	* 1.2827 *	* 1.1981 *	* 1.6910 *
10	* 1.6376 *	* 1.8378 *	* 1.3323 *	* 1.8657 *	* 1.6718 *	* 1.8432 *	* 1.4951 *	* .8718 *
	* 1.2957 *	* 1.1557 *	* 1.5787 *	* 1.1414 *	* 1.2729 *	* 1.1544 *	* 1.4210 *	* 2.4116 *
11	* 1.8389 *	* 1.6397 *	* 1.8625 *	* 1.6675 *	* 1.8668 *	* 1.5979 *	* 1.6097 *	* .7261 *
	* 1.1555 *	* 1.2955 *	* 1.1432 *	* 1.2763 *	* 1.1409 *	* 1.3314 *	* 1.3210 *	* 2.8821 *
12	* 1.4341 *	* 1.8528 *	* 1.6697 *	* 1.8625 *	* 1.6194 *	* 1.7329 *	* 1.1492 *	
	* 1.4692 *	* 1.1477 *	* 1.2736 *	* 1.1431 *	* 1.3143 *	* 1.2289 *	* 1.8481 *	
13	* 1.8196 *	* 1.6568 *	* 1.8421 *	* 1.5979 *	* 1.7339 *	* 1.6386 *	* .8654 *	
	* 1.1687 *	* 1.2834 *	* 1.1554 *	* 1.3314 *	* 1.2276 *	* 1.2990 *	* 2.4260 *	
14	* 1.5519 *	* 1.7746 *	* 1.4951 *	* 1.6086 *	* 1.1492 *	* .8664 *		
	* 1.3697 *	* 1.1986 *	* 1.4219 *	* 1.3210 *	* 1.8481 *	* 2.4261 *		
15	* 1.5744 *	* 1.2541 *	* .8707 *	* .7251 *	F-SUB-Q			
	* 1.3483 *	* 1.6920 *	* 2.4140 *	* 2.8828 *	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	* 1.1845 *	* 1.7821 *	* 1.6054 *	* 1.7961 *	* 1.3923 *	* 1.7639 *	* 1.5005 *	* 1.5048 *
	* 1.7442 *	* 1.1713 *	* 1.2999 *	* 1.1638 *	* 1.4879 *	* 1.1866 *	* 1.3939 *	* 1.3883 *
9	* 1.7821 *	* 1.5722 *	* 1.7950 *	* 1.6022 *	* 1.8036 *	* 1.6054 *	* 1.7115 *	* 1.2027 *
	* 1.1713 *	* 1.3271 *	* 1.1638 *	* 1.3041 *	* 1.1602 *	* 1.3034 *	* 1.2225 *	* 1.7355 *
10	* 1.6054 *	* 1.7950 *	* 1.3034 *	* 1.8100 *	* 1.6268 *	* 1.7854 *	* 1.4426 *	* .8343 *
	* 1.2999 *	* 1.1638 *	* 1.5872 *	* 1.1567 *	* 1.2854 *	* 1.1730 *	* 1.4491 *	* 2.4798 *
11	* 1.7961 *	* 1.6011 *	* 1.8068 *	* 1.6215 *	* 1.8100 *	* 1.5465 *	* 1.5465 *	* .6940 *
	* 1.1638 *	* 1.3048 *	* 1.1590 *	* 1.2898 *	* 1.1567 *	* 1.3537 *	* 1.3529 *	* 2.9690 *
12	* 1.3923 *	* 1.8025 *	* 1.6258 *	* 1.8068 *	* 1.5690 *	* 1.6686 *	* 1.1053 *	
	* 1.4879 *	* 1.1613 *	* 1.2863 *	* 1.1590 *	* 1.3351 *	* 1.2557 *	* 1.8909 *	
13	* 1.7639 *	* 1.6044 *	* 1.7843 *	* 1.5465 *	* 1.6697 *	* 1.5701 *	* .8279 *	
	* 1.1866 *	* 1.3041 *	* 1.1736 *	* 1.3537 *	* 1.2545 *	* 1.3343 *	* 2.4974 *	
14	* 1.5005 *	* 1.7115 *	* 1.4426 *	* 1.5455 *	* 1.1053 *	* .8290 *		
	* 1.3939 *	* 1.2231 *	* 1.4500 *	* 1.3537 *	* 1.8909 *	* 2.4953 *		
15	* 1.5048 *	* 1.2027 *	* .8343 *	* .6929 *	F-SUB-Q			
	* 1.3883 *	* 1.7355 *	* 2.4823 *	* 2.9728 *	M-SUB-Q			

TABLE 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	* 1.2006	* 1.7982	* 1.6236	* 1.8078	* 1.3955	* 1.7575	* 1.4844	* 1.4683
	* 1.6968	* 1.1449	* 1.2675	* 1.1394	* 1.4640	* 1.1735	* 1.3896	* 1.4045
9	* 1.7982	* 1.5915	* 1.8078	* 1.6140	* 1.8046	* 1.5969	* 1.6922	* 1.1781
	* 1.1449	* 1.2919	* 1.1394	* 1.2749	* 1.1427	* 1.2917	* 1.2203	* 1.7504
10	* 1.6236	* 1.8078	* 1.3184	* 1.8057	* 1.6301	* 1.7757	* 1.4255	* .8204
	* 1.2675	* 1.1394	* 1.5478	* 1.1426	* 1.2646	* 1.1630	* 1.4471	* 2.4910
11	* 1.8078	* 1.6140	* 1.8046	* 1.6215	* 1.8046	* 1.5315	* 1.5208	* .6812
	* 1.1394	* 1.2751	* 1.1433	* 1.2720	* 1.1443	* 1.3481	* 1.3575	* 2.9860
12	* 1.3955	* 1.8036	* 1.6290	* 1.8004	* 1.5572	* 1.6451	* 1.0849	*
	* 1.4640	* 1.1437	* 1.2660	* 1.1465	* 1.3266	* 1.2563	* 1.9039	*
13	* 1.7575	* 1.5958	* 1.7746	* 1.5315	* 1.6461	* 1.5412	* .8118	*
	* 1.1735	* 1.2924	* 1.1635	* 1.3481	* 1.2556	* 1.3411	* 2.5154	*
14	* 1.4844	* 1.6911	* 1.4244	* 1.5197	* 1.0849	* .8118	*	*
	* 1.3896	* 1.2204	* 1.4480	* 1.3581	* 1.9039	* 2.5148	*	*
15	* 1.4683	* 1.1781	* .8204	* .6801	* F-SUB-Q			
	* 1.4045	* 1.7506	* 2.4914	* 2.9890	* 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	* 1.1899	* 1.7543	* 1.5862	* 1.7607	* 1.3623	* 1.6965	* 1.4094	* 1.3313
	* 1.6936	* 1.1595	* 1.2824	* 1.1561	* 1.4834	* 1.2021	* 1.4475	* 1.5344
9	* 1.7543	* 1.5604	* 1.7607	* 1.5776	* 1.7457	* 1.5401	* 1.6033	* 1.0913
	* 1.1595	* 1.3024	* 1.1561	* 1.2902	* 1.1681	* 1.3235	* 1.2731	* 1.8710
10	* 1.5862	* 1.7607	* 1.3066	* 1.7468	* 1.5744	* 1.7018	* 1.3623	* .7711
	* 1.2824	* 1.1561	* 1.5441	* 1.1675	* 1.2950	* 1.1996	* 1.4984	* 2.6242
11	* 1.7607	* 1.5776	* 1.7447	* 1.5615	* 1.7339	* 1.4512	* 1.4201	* .6362
	* 1.1561	* 1.2902	* 1.1686	* 1.3059	* 1.1774	* 1.4076	* 1.4386	* 3.1664
12	* 1.3623	* 1.7447	* 1.5722	* 1.7297	* 1.4823	* 1.5519	* 1.0174	*
	* 1.4834	* 1.1687	* 1.2965	* 1.1798	* 1.3778	* 1.3174	* 2.0087	*
13	* 1.6965	* 1.5401	* 1.7007	* 1.501	* 1.5530	* 1.4480	* .7615	*
	* 1.2021	* 1.3243	* 1.2003	* 1.4076	* 1.3166	* 1.4133	* 2.6564	*
14	* 1.4094	* 1.6033	* 1.3612	* 1.4201	* 1.0174	* .7615	*	*
	* 1.4475	* 1.2738	* 1.4994	* 1.4393	* 2.0087	* 2.6565	*	*
15	* 1.3313	* 1.0913	* .7700	* .6362	* F-SUB-Q			
	* 1.5344	* 1.8713	* 2.6270	* 3.1697	* M-SUB-Q			

TABLE 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	* 1.0710	* 1.6140	* 1.3762	* 1.6226	* 1.1931	* 1.5465	* 1.1910	* 1.0292
	* 1.8675	* 1.2487	* 1.4652	* 1.2433	* 1.6806	* 1.3075	* 1.7007	* 1.9704
9	* 1.6140	* 1.3602	* 1.6247	* 1.3741	* 1.5969	* 1.3334	* 1.3805	* .8857
	* 1.2487	* 1.4811	* 1.2414	* 1.4688	* 1.2648	* 1.5171	* 1.4668	* 2.2895
10	* 1.3762	* 1.6247	* 1.1749	* 1.6011	* 1.3452	* 1.5123	* 1.1642	* .6394
	* 1.4652	* 1.2414	* 1.7038	* 1.2613	* 1.5027	* 1.3381	* 1.7397	* 3.1424
11	* 1.6226	* 1.3741	* 1.6001	* 1.3323	* 1.5572	* 1.2070	* 1.1652	* .5259
	* 1.2433	* 1.4690	* 1.2620	* 1.5173	* 1.2997	* 1.6775	* 1.7407	* 3.8120
12	* 1.1931	* 1.5969	* 1.3441	* 1.5540	* 1.2477	* 1.3205	* .8439	*
	* 1.6806	* 1.2654	* 1.5036	* 1.3017	* 1.6232	* 1.5359	* 2.4045	*
13	* 1.5465	* 1.3323	* 1.5112	* 1.2070	* 1.3205	* 1.1984	* .6330	*
	* 1.3075	* 1.5181	* 1.3388	* 1.6787	* 1.5359	* 1.6943	* 3.1727	*
14	* 1.1910	* 1.3805	* 1.1642	* 1.1652	* .8439	* .6330	*	*
	* 1.7007	* 1.4670	* 1.7400	* 1.7410	* 2.4045	* 3.1728	*	*
15	* 1.0292	* .8857	* .6394	* .5248	* F-SUB-Q			
	* 1.9704	* 2.2895	* 3.1456	* 3.8119	* 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	* .7593	* .6426	* .5998	* .6447	* .7872	* .6158	* .5301	* .3631
	* 2.6183	* 3.1177	* 3.3397	* 3.1061	* 2.5344	* 3.2640	* 3.7931	* 5.5481
9	* .6426	* .6148	* .6490	* .5998	* .6362	* .5890	* .5269	* .3684
	* 3.1177	* 3.2604	* 3.0847	* 3.3397	* 3.1556	* 3.4119	* 3.8166	* 5.4701
10	* .5998	* .6490	* .8215	* .6405	* .5869	* .5890	* .5098	* .4123
	* 3.3397	* 3.0847	* 2.4204	* 3.1302	* 3.4218	* 3.4168	* 3.9508	* 4.8518
11	* .6447	* .5998	* .6405	* .5933	* .6073	* .5441	* .4316	* .3342
	* 3.1061	* 3.3397	* 3.1344	* 3.3822	* 3.3066	* 3.6912	* 4.6659	* 5.9736
12	* .7872	* .6362	* .5858	* .6073	* .5494	* .5023	* .3845	*
	* 2.5344	* 3.1556	* 3.4218	* 3.3113	* 3.6565	* 4.0119	* 5.2488	*
13	* .6158	* .5890	* .5880	* .5451	* .5023	* .4445	* .4091	*
	* 3.2640	* 3.4119	* 3.4168	* 3.6912	* 4.0119	* 4.5389	* 4.8790	*
14	* .5301	* .5269	* .5087	* .4316	* .3845	* .4091	*	*
	* 3.7931	* 3.8166	* 3.9508	* 4.6659	* 5.2488	* 4.8790	*	*
15	* .3631	* .3684	* .4113	* .3331	* F-SUB-Q			
	* 5.5481	* 5.4701	* 4.8596	* 5.9735	* M-SUB-Q			

TABLE 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	.3684	.3363	.3588	.3684	.4852	.3620	.3406	.2506
	3.8539	4.9399	5.0266	4.8891	3.6814	4.9627	5.2806	7.1168
9	.3363	.3491	.3641	.3620	.3663	.3609	.3245	.2560
	4.9399	4.8991	4.9235	4.9877	4.9216	4.9961	5.5162	6.9501
10	.3588	.3641	.4894	.3609	.3524	.3395	.3192	.2902
	5.0266	4.9179	3.5939	4.9179	5.0609	5.2154	5.6206	6.0704
11	.3684	.3620	.3609	.3470	.3159	.3127	.2581	.2367
	4.8891	4.9877	4.9179	4.9317	4.9954	5.1909	6.3804	7.1905
12	.4852	.3663	.3524	.3159	.2581	.2260	.2206	
	3.6814	4.9216	5.0696	4.9954	5.1309	5.6896	6.7590	
13	.3620	.3609	.3395	.3127	.2260	.1928	.2174	
	4.9627	4.9961	5.2154	5.1909	5.6896	6.3941	6.1810	
14	.3406	.3245	.3192	.2581	.2206	.2174		
	5.2806	5.5162	5.6206	6.3804	6.7590	6.1811		
15	.2506	.2560	.2902	.2367	F-SUB-Q			
	7.1168	6.9501	6.0826	7.2081	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	.5066	.8054	.8225	.8504	.7294	.8429	.7711	.6951
	2.7735	2.1903	2.2487	2.1979	2.5380	2.2176	2.4168	2.6624
9	.8054	.7861	.8493	.8300	.8418	.8150	.8065	.6094
	2.1903	2.2652	2.1919	2.2579	2.1995	2.2925	2.3120	3.0357
10	.8225	.8493	.6972	.8397	.8107	.8225	.7165	.4466
	2.2487	2.1919	2.6111	2.1738	2.2363	2.2476	2.6066	4.0988
11	.8504	.8300	.8397	.7733	.7797	.6983	.6790	.3674
	2.1979	2.2579	2.1765	2.2268	2.1754	2.3448	2.5530	4.7862
12	.7294	.8429	.8107	.7786	.5601	.5655	.4927	
	2.5380	2.1995	2.2363	2.1780	2.2802	2.3331	3.1414	
13	.8429	.8150	.8225	.6983	.5655	.4959	.3342	
	2.2176	2.2925	2.2487	2.3448	2.3313	2.5128	4.1795	
14	.7711	.8065	.7165	.6790	.4927	.3342		
	2.4168	2.3120	2.6066	2.5530	3.1414	4.1777		
15	.6951	.6094	.4466	.3674	F-SUB-Q			
	2.6624	3.0357	4.1043	4.7914	M-SUB-Q			

TABLE 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	* .6276	* 1.0335	* 1.0367	* 1.0903	* .9189	* 1.0839	* .9907	* .9339
	* 2.3232	* 1.7622	* 1.8404	* 1.7650	* 2.0764	* 1.7791	* 1.9360	* 2.0412
9	* 1.0335	* .9832	* 1.0892	* 1.0432	* 1.0828	* 1.0324	* 1.0539	* .7925
	* 1.7622	* 1.8637	* 1.7636	* 1.8469	* 1.7581	* 1.8640	* 1.8244	* 2.4072
10	* 1.0367	* 1.0892	* .8579	* 1.0817	* 1.0303	* 1.0678	* .9136	* .5676
	* 1.8404	* 1.7643	* 2.1881	* 1.7297	* 1.8068	* 1.7846	* 2.0920	* 3.3216
11	* 1.0903	* 1.0432	* 1.0817	* .9778	* 1.0110	* .9007	* .8932	* .4637
	* 1.7650	* 1.8469	* 1.7314	* 1.7970	* 1.7287	* 1.8753	* 2.0012	* 3.9054
12	* .9189	* 1.0828	* 1.0303	* 1.0100	* .7133	* .7465	* .6330	*
	* 2.0764	* 1.7581	* 1.8068	* 1.7307	* 1.8280	* 1.8310	* 2.5300	*
13	* 1.0839	* 1.0324	* 1.0678	* .9007	* .7476	* .6629	* .4338	*
	* 1.7791	* 1.8651	* 1.7846	* 1.8745	* 1.8299	* 1.9598	* 3.3444	*
14	* .9907	* 1.0539	* .9136	* .8932	* .6330	* .4338	*	*
	* 1.9360	* 1.8244	* 2.0930	* 2.0012	* 2.5286	* 3.3445	*	*
15	* .9339	* .7915	* .5676	* .4637	* F-SUB-Q			
	* 2.0412	* 2.4072	* 3.3251	* 3.9088	* 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	* .7336	* 1.2338	* 1.2134	* 1.3023	* 1.0774	* 1.3013	* 1.1760	* 1.1417
	* 2.0816	* 1.5351	* 1.6322	* 1.5349	* 1.8289	* 1.5291	* 1.6849	* 1.7243
9	* 1.2338	* 1.1481	* 1.3002	* 1.2220	* 1.3002	* 1.2220	* 1.2734	* .9489
	* 1.5351	* 1.6585	* 1.5346	* 1.6331	* 1.5217	* 1.6252	* 1.5590	* 2.0769
10	* 1.2134	* 1.3002	* .9939	* 1.2959	* 1.2156	* 1.2852	* 1.0903	* .6704
	* 1.6322	* 1.5341	* 1.9657	* 1.4941	* 1.5875	* 1.5375	* 1.8190	* 2.9090
11	* 1.3023	* 1.2220	* 1.2959	* 1.1513	* 1.2177	* 1.0731	* 1.0849	* .5462
	* 1.5349	* 1.6334	* 1.4948	* 1.5762	* 1.4898	* 1.6377	* 1.7150	* 3.4531
12	* 1.0774	* 1.3002	* 1.2156	* 1.2167	* .8461	* .9125	* .7572	*
	* 1.8289	* 1.5222	* 1.5884	* 1.4898	* 1.5972	* 1.5680	* 2.2104	*
13	* 1.3013	* 1.2220	* 1.2852	* 1.0731	* .9125	* .8247	* .5248	*
	* 1.5291	* 1.6261	* 1.5375	* 1.6377	* 1.5672	* 1.6614	* 2.9068	*
14	* 1.1760	* 1.2723	* 1.0903	* 1.0849	* .7572	* .5248	*	*
	* 1.6849	* 1.5598	* 1.8197	* 1.7150	* 2.2104	* 2.9059	*	*
15	* 1.1417	* .9489	* .6704	* .5462	* F-SUB-Q			
	* 1.7243	* 2.0769	* 2.9088	* 3.4558	* M-SUB-Q			

TABLE 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	* .8000 *	* 1.3634 *	* 1.3238 *	* 1.4362 *	* 1.1770 *	* 1.4416 *	* 1.2906 *	* 1.2713 *
	* 2.0218 *	* 1.4612 *	* 1.5664 *	* 1.4482 *	* 1.7420 *	* 1.4359 *	* 1.5920 *	* 1.6046 *
9	* 1.3634 *	* 1.2531 *	* 1.4341 *	* 1.3323 *	* 1.4394 *	* 1.3441 *	* 1.4126 *	* 1.0442 *
	* 1.4612 *	* 1.5988 *	* 1.4496 *	* 1.5578 *	* 1.4370 *	* 1.5335 *	* 1.4579 *	* 1.9560 *
10	* 1.3238 *	* 1.4341 *	* 1.0785 *	* 1.4341 *	* 1.3323 *	* 1.4266 *	* 1.2027 *	* .7326 *
	* 1.5664 *	* 1.4496 *	* 1.8986 *	* 1.4123 *	* 1.5174 *	* 1.4458 *	* 1.7191 *	* 2.7719 *
11	* 1.4362 *	* 1.3323 *	* 1.4341 *	* 1.2627 *	* 1.3548 *	* 1.1877 *	* 1.2102 *	* .5965 *
	* 1.4482 *	* 1.5578 *	* 1.4136 *	* 1.5058 *	* 1.4055 *	* 1.5623 *	* 1.6178 *	* 3.3164 *
12	* 1.1770 *	* 1.4394 *	* 1.3323 *	* 1.3537 *	* .9371 *	* 1.0292 *	* .8418 *	
	* 1.7420 *	* 1.4366 *	* 1.5181 *	* 1.4057 *	* 1.5228 *	* 1.4775 *	* 2.1106 *	
13	* 1.4416 *	* 1.3441 *	* 1.4266 *	* 1.1877 *	* 1.0292 *	* .9436 *	* .5890 *	
	* 1.4359 *	* 1.5335 *	* 1.4464 *	* 1.5620 *	* 1.4760 *	* 1.5564 *	* 2.7653 *	
14	* 1.2906 *	* 1.4126 *	* 1.2027 *	* 1.2102 *	* .8418 *	* .5890 *		
	* 1.5920 *	* 1.4579 *	* 1.7201 *	* 1.6178 *	* 2.1106 *	* 2.7645 *		
15	* 1.2713 *	* 1.0442 *	* .7315 *	* .5965 *	* F-SUB-Q			
	* 1.6046 *	* 1.9560 *	* 2.7743 *	* 3.3164 *	* 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	* .8589 *	* 1.4544 *	* 1.3977 *	* 1.5240 *	* 1.2466 *	* 1.5326 *	* 1.3645 *	* 1.3495 *
	* 2.0297 *	* 1.4525 *	* 1.5509 *	* 1.4262 *	* 1.7292 *	* 1.4157 *	* 1.5775 *	* 1.5815 *
9	* 1.4544 *	* 1.3259 *	* 1.5230 *	* 1.4084 *	* 1.5305 *	* 1.4244 *	* 1.5026 *	* 1.1042 *
	* 1.4525 *	* 1.6005 *	* 1.4270 *	* 1.5418 *	* 1.4115 *	* 1.5181 *	* 1.4363 *	* 1.9386 *
10	* 1.3977 *	* 1.5230 *	* 1.1406 *	* 1.5272 *	* 1.4126 *	* 1.5219 *	* 1.2766 *	* .7743 *
	* 1.5509 *	* 1.4266 *	* 1.8829 *	* 1.4001 *	* 1.5131 *	* 1.4171 *	* 1.6906 *	* 2.7567 *
11	* 1.5240 *	* 1.4073 *	* 1.5272 *	* 1.3441 *	* 1.4566 *	* 1.2734 *	* 1.2981 *	* .6330 *
	* 1.4262 *	* 1.5423 *	* 1.4020 *	* 1.5059 *	* 1.3977 *	* 1.5606 *	* 1.6017 *	* 3.2978 *
12	* 1.2466 *	* 1.5315 *	* 1.4126 *	* 1.4544 *	* 1.0185 *	* 1.1320 *	* .9071 *	
	* 1.7292 *	* 1.4121 *	* 1.5138 *	* 1.3978 *	* 1.5254 *	* 1.4707 *	* 2.1144 *	
13	* 1.5326 *	* 1.4234 *	* 1.5208 *	* 1.2734 *	* 1.1320 *	* 1.0474 *	* .6426 *	
	* 1.4157 *	* 1.5181 *	* 1.4174 *	* 1.5606 *	* 1.4700 *	* 1.5465 *	* 2.7681 *	
14	* 1.3645 *	* 1.5026 *	* 1.2766 *	* 1.2981 *	* .9071 *	* .6426 *		
	* 1.5775 *	* 1.4363 *	* 1.6915 *	* 1.6017 *	* 2.1144 *	* 2.7682 *		
15	* 1.3495 *	* 1.1042 *	* .7733 *	* .6330 *	* F-SUB-Q			
	* 1.5815 *	* 1.9386 *	* 2.7591 *	* 3.3013 *	* M-SUB-Q			

TABLE 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	* .9414	* 1.5326	* 1.4533	* 1.5915	* 1.2927	* 1.5990	* 1.4148	* 1.4030
	* 2.0891	* 1.4645	* 1.5777	* 1.4420	* 1.7572	* 1.4306	* 1.6090	* 1.6065
9	* 1.5326	* 1.3869	* 1.5904	* 1.4651	* 1.6011	* 1.4812	* 1.5669	* 1.1449
	* 1.4645	* 1.6221	* 1.4434	* 1.5641	* 1.4258	* 1.5392	* 1.4549	* 1.9760
10	* 1.4533	* 1.5904	* 1.1856	* 1.5990	* 1.4758	* 1.5947	* 1.3313	* .8011
	* 1.5777	* 1.4434	* 1.9158	* 1.4180	* 1.5368	* 1.4288	* 1.7088	* 2.8048
11	* 1.5915	* 1.4641	* 1.5990	* 1.4148	* 1.5465	* 1.3516	* 1.3687	* .6587
	* 1.4420	* 1.5649	* 1.4196	* 1.5433	* 1.4176	* 1.5965	* 1.6183	* 3.3482
12	* 1.2927	* 1.6001	* 1.4748	* 1.5444	* 1.1363	* 1.2691	* .9682	*
	* 1.7572	* 1.4262	* 1.5371	* 1.4199	* 1.5638	* 1.4997	* 2.1658	*
13	* 1.5990	* 1.4801	* 1.5936	* 1.3516	* 1.2702	* 1.1706	* .6961	*
	* 1.4306	* 1.5392	* 1.4291	* 1.5965	* 1.4982	* 1.5774	* 2.8374	*
14	* 1.4148	* 1.5669	* 1.3302	* 1.3687	* .9682	* .6972	*	*
	* 1.6090	* 1.4549	* 1.7098	* 1.6183	* 2.1658	* 2.8375	*	*
15	* 1.4030	* 1.1449	* .8011	* .6587	* F-SUB-Q			
	* 1.6065	* 1.9760	* 2.8046	* 3.3518	* 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	* 1.0689	* 1.6418	* 1.5347	* 1.6858	* 1.3602	* 1.6900	* 1.4865	* 1.4823
	* 2.1250	* 1.4763	* 1.5926	* 1.4484	* 1.7764	* 1.4377	* 1.6251	* 1.6141
9	* 1.6418	* 1.4737	* 1.6847	* 1.5455	* 1.6997	* 1.5615	* 1.6558	* 1.2049
	* 1.4763	* 1.6425	* 1.4498	* 1.5772	* 1.4291	* 1.5489	* 1.4607	* 1.9948
10	* 1.5347	* 1.6847	* 1.2509	* 1.6986	* 1.5637	* 1.6943	* 1.4073	* .8439
	* 1.5926	* 1.4498	* 1.9420	* 1.4221	* 1.5490	* 1.4317	* 1.7139	* 2.8250
11	* 1.6858	* 1.5444	* 1.6975	* 1.5230	* 1.6686	* 1.4576	* 1.4662	* .6972
	* 1.4484	* 1.5780	* 1.4238	* 1.5524	* 1.4212	* 1.6030	* 1.6206	* 3.3808
12	* 1.3602	* 1.6986	* 1.5626	* 1.6665	* 1.3741	* 1.4673	* 1.0517	*
	* 1.7764	* 1.4297	* 1.5497	* 1.4231	* 1.5866	* 1.5120	* 2.1862	*
13	* 1.6900	* 1.5615	* 1.6933	* 1.4576	* 1.4683	* 1.3645	* .7690	*
	* 1.4377	* 1.5496	* 1.4324	* 1.6030	* 1.5109	* 1.5944	* 2.8778	*
14	* 1.4865	* 1.6558	* 1.4073	* 1.4662	* 1.0517	* .7690	*	*
	* 1.6251	* 1.4607	* 1.7149	* 1.6206	* 2.1862	* 2.8765	*	*
15	* 1.4823	* 1.2049	* .8429	* .6972	* F-SUB-Q			
	* 1.6141	* 1.9948	* 2.8275	* 3.3827	* M-SUB-Q			

TABLE 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	* 1.1599	* 1.7072	* 1.5808	* 1.7404	* 1.3977	* 1.7404	* 1.5251	* 1.5230
	* 2.2233	* 1.5293	* 1.6509	* 1.4984	* 1.8425	* 1.4876	* 1.6867	* 1.6677
9	* 1.7072	* 1.5294	* 1.7393	* 1.5904	* 1.7575	* 1.6065	* 1.7050	* 1.2349
	* 1.5293	* 1.7080	* 1.4991	* 1.6353	* 1.4736	* 1.6050	* 1.5107	* 2.0661
10	* 1.5808	* 1.7393	* 1.2906	* 1.7575	* 1.6151	* 1.7522	* 1.4512	* .8664
	* 1.6509	* 1.4991	* 2.0115	* 1.4745	* 1.6058	* 1.4757	* 1.7691	* 2.9279
11	* 1.7404	* 1.5904	* 1.7564	* 1.5915	* 1.7479	* 1.5294	* 1.5272	* .7197
	* 1.4984	* 1.6362	* 1.4766	* 1.6132	* 1.4731	* 1.6642	* 1.6781	* 3.4947
12	* 1.3977	* 1.7575	* 1.6151	* 1.7457	* 1.5165	* 1.5947	* 1.1063	*
	* 1.8425	* 1.4736	* 1.6066	* 1.4755	* 1.6461	* 1.5622	* 2.2677	*
13	* 1.7404	* 1.6054	* 1.7522	* 1.5294	* 1.5958	* 1.4930	* .8182	*
	* 1.4876	* 1.6058	* 1.4757	* 1.6642	* 1.5610	* 1.6431	* 2.9751	*
14	* 1.5251	* 1.7040	* 1.4501	* 1.5272	* 1.1063	* .8182	*	*
	* 1.6867	* 1.5107	* 1.7701	* 1.6781	* 2.2668	* 2.9736	*	*
15	* 1.5230	* 1.2349	* .8664	* .7197	* F-SUB-Q			
	* 1.6677	* 2.0661	* 2.9277	* 3.4986	* 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	* 1.1685	* 1.7136	* 1.5787	* 1.7393	* 1.3934	* 1.7382	* 1.5197	* 1.5133
	* 2.3927	* 1.6336	* 1.7721	* 1.6058	* 1.9807	* 1.5943	* 1.8092	* 1.7884
9	* 1.7136	* 1.5347	* 1.7382	* 1.5894	* 1.7597	* 1.6033	* 1.7007	* 1.2284
	* 1.6336	* 1.8262	* 1.6075	* 1.7542	* 1.5749	* 1.7212	* 1.6183	* 2.2145
10	* 1.5787	* 1.7382	* 1.2895	* 1.7625	* 1.6172	* 1.7554	* 1.4512	* .8611
	* 1.7721	* 1.6075	* 2.1575	* 1.5741	* 1.7183	* 1.5765	* 1.8905	* 3.1488
11	* 1.7393	* 1.5883	* 1.7607	* 1.6044	* 1.7629	* 1.5444	* 1.5347	* .7176
	* 1.6058	* 1.7552	* 1.5765	* 1.7308	* 1.5733	* 1.7843	* 1.7874	* 3.7459
12	* 1.3934	* 1.7586	* 1.6161	* 1.7597	* 1.5497	* 1.6290	* 1.1203	*
	* 1.9807	* 1.5757	* 1.7193	* 1.5765	* 1.7710	* 1.6770	* 2.4377	*
13	* 1.7382	* 1.6022	* 1.7543	* 1.5444	* 1.6311	* 1.5315	* .8332	*
	* 1.5943	* 1.7212	* 1.5773	* 1.7843	* 1.6757	* 1.7640	* 3.1964	*
14	* 1.5197	* 1.7007	* 1.4512	* 1.5337	* 1.1203	* .8332	*	*
	* 1.8092	* 1.6192	* 1.8916	* 1.7874	* 2.4368	* 3.1964	*	*
15	* 1.5133	* 1.2284	* .8611	* .7176	* F-SUB-Q			
	* 1.7884	* 2.2145	* 3.1486	* .503	* M-SUB-Q			

TABLE 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	* 1.2188	* 1.7886	* 1.6376	* 1.8121	* 1.4491	* 1.8111	* 1.5754	* 1.5797
	* 2.4750	* 1.6885	* 1.8435	* 1.6624	* 2.0531	* 1.6474	* 1.8678	* 1.8294
9	* 1.7886	* 1.5947	* 1.8111	* 1.6493	* 1.8357	* 1.6665	* 1.7725	* 1.2766
	* 1.6885	* 1.8962	* 1.6633	* 1.8230	* 1.6242	* 1.7823	* 1.6695	* 2.2777
10	* 1.6376	* 1.8111	* 1.3409	* 1.8453	* 1.6804	* 1.8325	* 1.5112	* .8964
	* 1.8435	* 1.6633	* 2.2403	* 1.6192	* 1.7802	* 1.6259	* 1.9533	* 3.2481
11	* 1.8121	* 1.6483	* 1.8421	* 1.6740	* 1.8464	* 1.6129	* 1.6076	* .7497
	* 1.6624	* 1.8240	* 1.6217	* 1.7874	* 1.6183	* 1.8380	* 1.8337	* 3.8538
12	* 1.4491	* 1.8346	* 1.6804	* 1.8432	* 1.6258	* 1.7179	* 1.1717	*
	* 2.0531	* 1.6251	* 1.7813	* 1.6208	* 1.8273	* 1.7212	* 2.5090	*
13	* 1.8111	* 1.6654	* 1.8314	* 1.6129	* 1.7190	* 1.6226	* .8771	*
	* 1.6474	* 1.7823	* 1.6268	* 1.8380	* 1.7202	* 1.8113	* 3.2923	*
14	* 1.5754	* 1.7725	* 1.5101	* 1.6076	* 1.1717	* .8771	*	*
	* 1.8678	* 1.6695	* 1.9546	* 1.8337	* 2.5090	* 3.2923	*	*
15	* 1.5797	* 1.2766	* .8964	* .7486	* F-SUB-Q			
	* 1.8294	* 2.2777	* 3.2479	* 3.8537	* 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	* 1.2263	* 1.8111	* 1.6515	* 1.8336	* 1.4608	* 1.8336	* 1.5904	* 1.5990
	* 2.6671	* 1.8061	* 1.9769	* 1.7762	* 2.1961	* 1.7542	* 1.9819	* 1.9327
9	* 1.8111	* 1.6097	* 1.8325	* 1.6643	* 1.8593	* 1.6847	* 1.7950	* 1.2884
	* 1.8061	* 2.0364	* 1.7772	* 1.9533	* 1.7327	* 1.8962	* 1.7651	* 2.4137
10	* 1.6515	* 1.8325	* 1.3505	* 1.8721	* 1.6997	* 1.8560	* 1.5283	* .9029
	* 1.9769	* 1.7772	* 2.4059	* 1.7269	* 1.9044	* 1.7337	* 2.0827	* 3.4629
11	* 1.8336	* 1.6633	* 1.8700	* 1.6943	* 1.8732	* 1.6343	* 1.6311	* .7551
	* 1.7762	* 1.9546	* 1.7298	* 1.9090	* 1.7250	* 1.9620	* 1.9509	* 4.1225
12	* 1.4608	* 1.8582	* 1.6986	* 1.8700	* 1.6504	* 1.7489	* 1.1877	*
	* 2.1961	* 1.7327	* 1.9055	* 1.7279	* 1.9460	* 1.8262	* 2.6704	*
13	* 1.8336	* 1.6847	* 1.8560	* 1.6343	* 1.7500	* 1.6558	* .8911	*
	* 1.7542	* 1.8962	* 1.7346	* 1.9620	* 1.8240	* 1.9137	* 3.4899	*
14	* 1.5904	* 1.7939	* 1.5272	* 1.6311	* 1.1877	* .8921	*	*
	* 1.9819	* 1.7661	* 2.0827	* 1.9509	* 2.6704	* 3.4899	*	*
15	* 1.5990	* 1.2884	* .9029	* .7551	* F-SUB-Q			
	* 1.9327	* 2.4137	* 3.4666	* 4.1279	* M-SUB-Q			

TABLE 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	* 1.2145	* 1.7961	* 1.6376	* 1.8186	* 1.4480	* 1.8186	* 1.5765	* 1.5819
	* 2.6949	* 1.8380	* 2.0153	* 1.8145	* 2.2554	* 1.8134	* 2.0841	* 2.0689
9	* 1.7961	* 1.5958	* 1.8175	* 1.6493	* 1.8453	* 1.6718	* 1.7800	* 1.2756
	* 1.8380	* 2.0675	* 1.8155	* 2.0011	* 1.7905	* 1.9707	* 1.8490	* 2.5711
10	* 1.6376	* 1.8175	* 1.3398	* 1.8603	* 1.6868	* 1.8432	* 1.5165	* .8932
	* 2.0153	* 1.8155	* 2.4440	* 1.7792	* 1.9607	* 1.7925	* 2.1774	* 3.6599
11	* 1.8186	* 1.6493	* 1.8571	* 1.6815	* 1.8614	* 1.6226	* 1.6194	* .7465
	* 1.8145	* 2.0011	* 1.7823	* 1.9682	* 1.7782	* 2.0417	* 2.0431	* 4.3684
12	* 1.4480	* 1.8443	* 1.6858	* 1.8582	* 1.6408	* 1.7393	* 1.1781	*
	* 2.2554	* 1.7905	* 1.9620	* 1.7813	* 2.0192	* 1.9055	* 2.8127	*
13	* 1.8186	* 1.6708	* 1.8421	* 1.6226	* 1.7404	* 1.6461	* .8846	*
	* 1.8134	* 1.9719	* 1.7936	* 2.0417	* 1.9032	* 2.0140	* 3.7082	*
14	* 1.5765	* 1.7800	* 1.5155	* 1.6183	* 1.1792	* .8846	*	*
	* 2.0841	* 1.8490	* 2.1774	* 2.0444	* 2.8127	* 3.7083	*	*
15	* 1.5819	* 1.2756	* .8921	* .7454	* F-SUB-Q			
	* 2.0689	* 2.5711	* 3.6597	* 4.3684	* 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	* 1.2177	* 1.8143	* 1.6483	* 1.8378	* 1.4587	* 1.8378	* 1.5883	* 1.6001
	* 2.6308	* 1.7833	* 1.9570	* 1.7571	* 2.1883	* 1.7532	* 2.0153	* 1.9883
9	* 1.8143	* 1.6065	* 1.8368	* 1.6622	* 1.8657	* 1.6879	* 1.8004	* 1.2863
	* 1.7833	* 2.0114	* 1.7581	* 1.9436	* 1.7356	* 1.9090	* 1.7864	* 2.4770
10	* 1.6483	* 1.8368	* 1.3462	* 1.8817	* 1.7007	* 1.8635	* 1.5294	* .8986
	* 1.9570	* 1.7581	* 2.3764	* 1.7317	* 1.9090	* 1.7375	* 2.1138	* 3.5464
11	* 1.8378	* 1.6611	* 1.8785	* 1.6954	* 1.8828	* 1.6365	* 1.6376	* .7508
	* 1.7571	* 1.9448	* 1.7346	* 1.9196	* 1.7308	* 1.9908	* 1.9883	* 4.2477
12	* 1.4587	* 1.8646	* 1.6997	* 1.8796	* 1.6558	* 1.7607	* 1.1877	*
	* 2.1883	* 1.7366	* 1.9102	* 1.7337	* 1.9707	* 1.8534	* 2.7433	*
13	* 1.8378	* 1.6868	* 1.8625	* 1.6365	* 1.7629	* 1.6686	* .8932	*
	* 1.7532	* 1.9102	* 1.7385	* 1.9908	* 1.8523	* 1.9583	* 3.6126	*
14	* 1.5883	* 1.8004	* 1.5294	* 1.6376	* 1.1877	* .8932	*	*
	* 2.0153	* 1.7874	* 2.1138	* 1.9883	* 2.7433	* 3.6084	*	*
15	* 1.6001	* 1.2863	* .8986	* .7497	* F-SUB-Q			
	* 1.9883	* 2.4770	* 3.5462	* 4.2535	* M-SUB-Q			

TABLE 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	* 1.2188	* 1.8314	* 1.6600	* 1.8550	* 1.4651	* 1.8560	* 1.6001	* 1.6183
	* 2.5214	* 1.6968	* 1.8689	* 1.6731	* 2.0765	* 1.6580	* 1.9090	* 1.8779
9	* 1.8314	* 1.6172	* 1.8539	* 1.6729	* 1.8839	* 1.7018	* 1.8186	* 1.2959
	* 1.6968	* 1.9184	* 1.6740	* 1.8556	* 1.6527	* 1.8050	* 1.6858	* 2.3446
10	* 1.6600	* 1.8539	* 1.3516	* 1.9000	* 1.7125	* 1.8828	* 1.5412	* .9018
	* 1.8689	* 1.6740	* 2.2749	* 1.6457	* 1.8219	* 1.6553	* 2.0166	* 3.3722
11	* 1.8550	* 1.6718	* 1.8967	* 1.7082	* 1.9021	* 1.6483	* 1.6547	* .7529
	* 1.6731	* 1.8567	* 1.6483	* 1.8305	* 1.6448	* 1.8997	* 1.8882	* 4.0733
12	* 1.4651	* 1.8828	* 1.7115	* 1.8978	* 1.6686	* 1.7789	* 1.1942	*
	* 2.0765	* 1.6536	* 1.8240	* 1.6474	* 1.8825	* 1.7671	* 2.6253	*
13	* 1.8560	* 1.7007	* 1.8817	* 1.6483	* 1.7811	* 1.6890	* .8986	*
	* 1.6580	* 1.8061	* 1.6562	* 1.8997	* 1.7651	* 1.8678	* 3.4585	*
14	* 1.6001	* 1.8186	* 1.5412	* 1.6536	* 1.1942	* .8996	*	*
	* 1.9090	* 1.6858	* 2.0166	* 1.8893	* 2.6253	* 3.4586	*	*
15	* 1.6183	* 1.2959	* .9018	* .7518	* F-SUB-Q			
	* 1.8779	* 2.3446	* 3.3720	* 4.0732	* 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	* 1.2124	* 1.8271	* 1.6526	* 1.8496	* 1.4587	* 1.8496	* 1.5915	* 1.6108
	* 2.4265	* 1.6259	* 1.7823	* 1.5918	* 1.9845	* 1.5829	* 1.8305	* 1.8019
9	* 1.8271	* 1.6108	* 1.8496	* 1.6654	* 1.8785	* 1.6943	* 1.8121	* 1.2884
	* 1.6259	* 1.8424	* 1.5935	* 1.7701	* 1.5765	* 1.7269	* 1.6124	* 2.2514
10	* 1.6526	* 1.8496	* 1.3452	* 1.8946	* 1.7050	* 1.8764	* 1.5337	* .8964
	* 1.7823	* 1.5935	* 2.1726	* 1.5781	* 1.7453	* 1.5789	* 1.9232	* 3.2277
11	* 1.8496	* 1.6643	* 1.8914	* 1.7007	* 1.8967	* 1.6397	* 1.6472	* .7465
	* 1.5918	* 1.7711	* 1.5789	* 1.7641	* 1.5829	* 1.8326	* 1.8208	* 3.9127
12	* 1.4587	* 1.8775	* 1.7029	* 1.8925	* 1.6600	* 1.7736	* 1.1867	*
	* 1.9845	* 1.5773	* 1.7463	* 1.5862	* 1.8166	* 1.7042	* 2.5397	*
13	* 1.8496	* 1.6943	* 1.8753	* 1.6397	* 1.7746	* 1.6825	* .8932	*
	* 1.5829	* 1.7269	* 1.5797	* 1.8337	* 1.7024	* 1.8019	* 3.3495	*
14	* 1.5915	* 1.8121	* 1.5326	* 1.6472	* 1.1867	* .8932	*	*
	* 1.8305	* 1.6124	* 1.9244	* 1.8208	* 2.5397	* 3.3496	*	*
15	* 1.6108	* 1.2884	* .8954	* .7465	* F-SUB-Q			
	* 1.8019	* 2.2514	* 3.2309	* 3.9176	* M-SUB-Q			

Catawba 2 Cycle 10 Core Operating Limits Report

CNEI-0400-25
 Appendix A
 Page 69 of 269
 Revision 15

TABLE 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	* 1.1802	* 1.7821	* 1.6108	* 1.8046	* 1.4191	* 1.8014	* 1.5476	* 1.5615
	* 2.3598	* 1.5765	* 1.7366	* 1.5529	* 1.9470	* 1.5522	* 1.7998	* 1.7792
9	* 1.7821	* 1.5712	* 1.8036	* 1.6226	* 1.8303	* 1.6493	* 1.7629	* 1.2499
	* 1.5765	* 1.7853	* 1.5537	* 1.7288	* 1.5384	* 1.6950	* 1.5845	* 2.2224
10	* 1.6108	* 1.8036	* 1.3109	* 1.8453	* 1.6600	* 1.8271	* 1.4908	* .8664
	* 1.7366	* 1.5537	* 2.1175	* 1.5391	* 1.7005	* 1.5422	* 1.8848	* 3.1878
11	* 1.8046	* 1.6215	* 1.8421	* 1.6558	* 1.8475	* 1.5947	* 1.6001	* .7208
	* 1.5529	* 1.7298	* 1.5399	* 1.7193	* 1.5414	* 1.7915	* 1.7762	* 3.8490
12	* 1.4191	* 1.8293	* 1.6579	* 1.8432	* 1.6161	* 1.7243	* 1.1513	*
	* 1.9470	* 1.5391	* 1.7024	* 1.5445	* 1.7853	* 1.6758	* 2.4969	*
13	* 1.8014	* 1.6483	* 1.8261	* 1.5947	* 1.7265	* 1.6343	* .8643	*
	* 1.5522	* 1.6959	* 1.5429	* 1.7925	* 1.6740	* 1.7772	* 3.3099	*
14	* 1.5476	* 1.7629	* 1.4898	* 1.5990	* 1.1513	* .8643	*	*
	* 1.7998	* 1.5845	* 1.8859	* 1.7762	* 2.4969	* 3.3100	*	*
15	* 1.5615	* 1.2499	* .8664	* .7208	* F-SUB-Q			
	* 1.7792	* 2.2224	* 3.1909	* 3.8489	* 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	* 1.1984	* 1.8186	* 1.6365	* 1.8389	* 1.4384	* 1.8314	* 1.5658	* 1.5883
	* 2.2082	* 1.4743	* 1.6353	* 1.4570	* 1.8425	* 1.4639	* 1.7089	* 1.6812
9	* 1.8186	* 1.5969	* 1.8378	* 1.6451	* 1.8625	* 1.6718	* 1.7918	* 1.2649
	* 1.4743	* 1.6758	* 1.4577	* 1.6302	* 1.4448	* 1.6033	* 1.4969	* 2.1109
10	* 1.6365	* 1.8378	* 1.3291	* 1.8775	* 1.6815	* 1.8582	* 1.5090	* .8761
	* 1.6353	* 1.4577	* 1.9946	* 1.4422	* 1.6033	* 1.4509	* 1.7833	* 3.0254
11	* 1.8389	* 1.6440	* 1.8742	* 1.6772	* 1.8796	* 1.6140	* 1.6247	* .7283
	* 1.4570	* 1.6319	* 1.4448	* 1.6141	* 1.4422	* 1.6840	* 1.6677	* 3.6395
12	* 1.4384	* 1.8614	* 1.6804	* 1.8753	* 1.6354	* 1.7511	* 1.1610	*
	* 1.8425	* 1.4455	* 1.6041	* 1.4448	* 1.6695	* 1.5623	* 2.3481	*
13	* 1.8314	* 1.6708	* 1.8571	* 1.6129	* 1.7532	* 1.6611	* .8739	*
	* 1.4639	* 1.6041	* 1.4516	* 1.6840	* 1.5607	* 1.6571	* 3.1033	*
14	* 1.5658	* 1.7918	* 1.5080	* 1.6247	* 1.1610	* .8739	*	*
	* 1.7089	* 1.4969	* 1.7843	* 1.6677	* 2.3481	* 3.1033	*	*
15	* 1.5883	* 1.2649	* .8761	* .7283	* F-SUB-Q			
	* 1.6812	* 2.1109	* 3.0282	* 3.6437	* M-SUB-Q			

TABLE 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	* 1.1899	* 1.8089	* 1.6247	* 1.8271	* 1.4212	* 1.8111	* 1.5422	* 1.5626
	* 2.1351	* 1.4244	* 1.5837	* 1.4114	* 1.7975	* 1.4276	* 1.6749	* 1.6509
9	* 1.8089	* 1.5862	* 1.8271	* 1.6290	* 1.8464	* 1.6504	* 1.7682	* 1.2434
	* 1.4244	* 1.6208	* 1.4121	* 1.5845	* 1.4025	* 1.5670	* 1.4639	* 2.0744
10	* 1.6247	* 1.8271	* 1.3173	* 1.8593	* 1.6633	* 1.8368	* 1.4855	* .8600
	* 1.5837	* 1.4121	* 1.9359	* 1.3994	* 1.5592	* 1.4127	* 1.7443	* 2.9759
11	* 1.8271	* 1.6279	* 1.8550	* 1.6590	* 1.8603	* 1.5904	* 1.6011	* .7144
	* 1.4114	* 1.5854	* 1.4019	* 1.5662	* 1.3988	* 1.6388	* 1.6268	* 3.5760
12	* 1.4212	* 1.8443	* 1.6611	* 1.8560	* 1.6129	* 1.7265	* 1.1406	*
	* 1.7975	* 1.4038	* 1.5599	* 1.4019	* 1.6200	* 1.5174	* 2.2928	*
13	* 1.8111	* 1.6493	* 1.8357	* 1.5904	* 1.7286	* 1.6354	* .8568	*
	* 1.4276	* 1.5678	* 1.4134	* 1.6388	* 1.5159	* 1.6099	* 3.0300	*
14	* 1.5422	* 1.7671	* 1.4844	* 1.6001	* 1.1406	* .8568	*	*
	* 1.6749	* 1.4646	* 1.7453	* 1.6276	* 2.2928	* 3.0271	*	*
15	* 1.5626	* 1.2424	* .8589	* .7133	* F-SUB-Q			
	* 1.6509	* 2.0758	* 2.9786	* 3.5801	* 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	* 1.1567	* 1.7532	* 1.5787	* 1.7682	* 1.3687	* 1.7393	* 1.4780	* 1.4812
	* 2.1263	* 1.4218	* 1.5781	* 1.4121	* 1.8101	* 1.4408	* 1.6959	* 1.6931
9	* 1.7532	* 1.5444	* 1.7682	* 1.5776	* 1.7789	* 1.5840	* 1.6900	* 1.1835
	* 1.4218	* 1.6116	* 1.4121	* 1.5845	* 1.4095	* 1.5837	* 1.4862	* 2.1181
10	* 1.5787	* 1.7682	* 1.2777	* 1.7875	* 1.6044	* 1.7629	* 1.4212	* .8172
	* 1.5781	* 1.4121	* 1.9322	* 1.4076	* 1.5631	* 1.4257	* 1.7681	* 3.0403
11	* 1.7682	* 1.5765	* 1.7843	* 1.6001	* 1.7886	* 1.5251	* 1.5251	* .6779
	* 1.4121	* 1.5854	* 1.4102	* 1.5710	* 1.4076	* 1.6527	* 1.6544	* 3.6568
12	* 1.3687	* 1.7779	* 1.6033	* 1.7843	* 1.5487	* 1.6483	* 1.0881	*
	* 1.8101	* 1.4102	* 1.5639	* 1.4102	* 1.6310	* 1.5353	* 2.3236	*
13	* 1.7393	* 1.5829	* 1.7618	* 1.5251	* 1.6504	* 1.1730	* .8140	*
	* 1.4408	* 1.5845	* 1.4270	* 1.6527	* 1.5346	* 1.6362	* 3.0816	*
14	* 1.4780	* 1.6890	* 1.4201	* 1.5240	* 1.0881	* .8140	*	*
	* 1.6959	* 1.4862	* 1.7691	* 1.6553	* 2.3236	* 3.0816	*	*
15	* 1.4812	* 1.1824	* .8161	* .6769	* F-SUB-Q			
	* 1.6931	* 2.1181	* 3.0431	* 3.6611	* M-SUB-Q			

TABLE 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	* 1.1631	* 1.7543	* 1.5819	* 1.7650	* 1.3602	* 1.7190	* 1.4501	* 1.4341
	* 2.0598	* 1.3838	* 1.5338	* 1.3777	* 1.7758	* 1.4211	* 1.6867	* 1.7080
9	* 1.7543	* 1.5497	* 1.7650	* 1.5744	* 1.7650	* 1.5615	* 1.6558	* 1.1492
	* 1.3838	* 1.5631	* 1.3777	* 1.5429	* 1.3832	* 1.5646	* 1.4792	* 2.1312
10	* 1.5819	* 1.7650	* 1.2820	* 1.7682	* 1.5936	* 1.7382	* 1.3944	* .7979
	* 1.5338	* 1.3777	* 1.8760	* 1.3826	* 1.5323	* 1.4089	* 1.7581	* 3.0433
11	* 1.7650	* 1.5744	* 1.7650	* 1.5862	* 1.7671	* 1.4983	* 1.4876	* .6608
	* 1.3777	* 1.5437	* 1.3838	* 1.5422	* 1.3863	* 1.6388	* 1.6536	* 3.6612
12	* 1.3602	* 1.7639	* 1.5926	* 1.7629	* 1.5240	* 1.6119	* 1.0592	*
	* 1.7758	* 1.3845	* 1.5338	* 1.3894	* 1.6124	* 1.5293	* 2.3253	*
13	* 1.7190	* 1.5604	* 1.7372	* 1.4983	* 1.6129	* 1.5123	* .7915	*
	* 1.4211	* 1.5662	* 1.4095	* 1.6396	* 1.5278	* 1.6362	* 3.0846	*
14	* 1.4501	* 1.6558	* 1.3934	* 1.4865	* 1.0592	* .7915	*	*
	* 1.6867	* 1.4799	* 1.7591	* 1.6536	* 2.3271	* 3.0847	*	*
15	* 1.4341	* 1.1492	* .7968	* .6597	* F-SUB-Q			
	* 1.7080	* 2.1312	* 3.0431	* 3.6654	* 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	* 1.1438	* 1.6975	* 1.5326	* 1.7050	* 1.3173	* 1.6451	* 1.3666	* 1.2895
	* 2.0516	* 1.4006	* 1.5498	* 1.3969	* 1.7975	* 1.4557	* 1.7561	* 1.8656
9	* 1.6975	* 1.5069	* 1.7050	* 1.5251	* 1.6933	* 1.4930	* 1.5562	* 1.0560
	* 1.4006	* 1.5749	* 1.3969	* 1.5599	* 1.4127	* 1.6033	* 1.5437	* 2.2777
10	* 1.5326	* 1.7050	* 1.2606	* 1.6933	* 1.5251	* 1.6526	* 1.3216	* .7443
	* 1.5498	* 1.3969	* 1.8692	* 1.4121	* 1.5678	* 1.4529	* 1.8198	* 3.2043
11	* 1.7050	* 1.5251	* 1.6922	* 1.5133	* 1.6825	* 1.4073	* 1.3773	* .6126
	* 1.3969	* 1.5599	* 1.4134	* 1.5821	* 1.4257	* 1.7099	* 1.7502	* 3.8781
12	* 1.3173	* 1.6922	* 1.5240	* 1.6793	* 1.4384	* 1.5080	* .9864	*
	* 1.7975	* 1.4140	* 1.5694	* 1.4289	* 1.6731	* 1.6017	* 2.4498	*
13	* 1.6451	* 1.4930	* 1.6515	* 1.4073	* 1.5090	* 1.4073	* .7368	*
	* 1.4557	* 1.6041	* 1.4536	* 1.7099	* 1.6000	* 1.7212	* 3.2506	*
14	* 1.3666	* 1.5562	* 1.3205	* 1.3773	* .9864	* .7368	*	*
	* 1.7561	* 1.5445	* 1.8208	* 1.7502	* 2.4498	* 3.2506	*	*
15	* 1.2895	* 1.0560	* .7433	* .6126	* F-SUB-Q			
	* 1.8656	* 2.2777	* 3.2075	* 3.8780	* M-SUB-Q			

TABLE 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	* 1.0207	* 1.5465	* 1.3184	* 1.5562	* 1.1438	* 1.4865	* 1.1438	* .9885
	* 2.2665	* 1.5122	* 1.7752	* 1.5056	* 2.0409	* 1.5870	* 2.0675	* 2.4006
9	* 1.5465	* 1.3013	* 1.5583	* 1.3163	* 1.5347	* 1.2798	* 1.3280	* .8504
	* 1.5122	* 1.7946	* 1.5027	* 1.7802	* 1.5338	* 1.8424	* 1.7833	* 2.7925
10	* 1.3184	* 1.5583	* 1.1235	* 1.5380	* 1.2906	* 1.4544	* 1.1192	* .6126
	* 1.7752	* 1.5027	* 2.0666	* 1.5293	* 1.8240	* 1.6259	* 2.1167	* 3.8420
11	* 1.5562	* 1.3163	* 1.5369	* 1.2788	* 1.4983	* 1.1599	* 1.1203	* .5023
	* 1.5056	* 1.7802	* 1.5308	* 1.8424	* 1.5781	* 2.0417	* 2.1225	* 4.6667
12	* 1.1438	* 1.5337	* 1.2895	* 1.4951	* 1.1995	* 1.2713	* .8097	*
	* 2.0409	* 1.5346	* 1.8251	* 1.5805	* 1.9757	* 1.8723	* 2.9402	*
13	* 1.4865	* 1.2798	* 1.4533	* 1.1599	* 1.2713	* 1.1535	* .6073	*
	* 1.5870	* 1.8435	* 1.6268	* 2.0431	* 1.8723	* 2.0661	* 3.8859	*
14	* 1.1438	* 1.3280	* 1.1192	* 1.1192	* .8097	* .6073	*	*
	* 2.0675	* 1.7843	* 2.1181	* 2.1239	* 2.9402	* 3.8860	*	*
15	* .9885	* .8493	* .6115	* .5023	* F-SUB-Q			
	* 2.4006	* 2.7925	* 3.8465	* 4.6737	* 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	* .7154	* .6051	* .5655	* .6083	* .7443	* .5816	* .5012	* .3427
	* 3.1927	* 3.8018	* 4.0754	* 3.7879	* 3.0961	* 3.9867	* 4.6472	* 6.8132
9	* .6051	* .5783	* .6115	* .5655	* .6008	* .5569	* .4980	* .3481
	* 3.8018	* 3.9766	* 3.7604	* 4.0754	* 3.8488	* 4.1682	* 4.6751	* 6.7249
10	* .5655	* .6115	* .7754	* .6051	* .5537	* .5569	* .4819	* .3888
	* 4.0754	* 3.7604	* 2.9528	* 3.8204	* 4.1794	* 4.1794	* 4.8424	* 5.9632
11	* .6083	* .5655	* .6040	* .5601	* .5751	* .5152	* .4081	* .3149
	* 3.7879	* 4.0754	* 3.8251	* 4.1295	* 4.0437	* 4.5256	* 5.7236	* 7.3573
12	* .7443	* .6008	* .5537	* .5741	* .5205	* .4755	* .3631	*
	* 3.0961	* 3.8535	* 4.1794	* 4.0489	* 4.4801	* 4.9189	* 6.4598	*
13	* .5816	* .5569	* .5558	* .5152	* .4755	* .4209	* .3877	*
	* 3.9867	* 4.1682	* 4.1794	* 4.5191	* 4.9189	* 5.5700	* 6.0069	*
14	* .5012	* .4980	* .4819	* .4081	* .3631	* .3877	*	*
	* 4.6472	* 4.6751	* 4.8424	* 5.7341	* 6.4598	* 6.0070	*	*
15	* .3427	* .3481	* .3888	* .3149	* F-SUB-Q			
	* 6.8132	* 6.7249	* 5.9744	* 7.3571	* M-SUB-Q			

TABLE 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	.3684	.3481	.3759	.3888	.5130	.3845	.3588	.2635
	4.6511	5.9039	6.0237	5.9118	4.5731	6.1571	6.6441	9.1220
9	.3481	.3620	.3823	.3802	.3866	.3813	.3438	.2677
	5.9039	5.8805	5.8805	6.0319	5.9433	6.0814	6.8909	8.9568
10	.3759	.3823	.5109	.3791	.3695	.3566	.3342	.2999
	6.0237	5.8728	4.3165	5.8496	6.0401	6.1999	6.8275	7.6538
11	.3888	.3802	.3791	.3620	.3267	.3213	.2645	.2410
	5.9118	6.0319	5.8496	5.8805	5.9275	6.1999	7.6487	8.8113
12	.5130	.3877	.3695	.3267	.2560	.2228	.2196	
	4.5731	5.9433	6.0483	5.9275	6.1316	6.7963	8.1830	
13	.3845	.3813	.3566	.3224	.2228	.1874	.2110	
	6.1571	6.0814	6.1999	6.1999	6.7963	7.6619	7.5569	
14	.3588	.3438	.3342	.2645	.2196	.2110		
	6.6441	6.8909	6.8275	7.6487	8.1830	7.5570		
15	.2635	.2677	.2999	.2410	F-SUB-Q			
	9.1220	8.9568	7.6534	8.8288	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	.5162	.8632	.8900	.9221	.7883	.9178	.8375	.7508
	3.2979	2.5590	2.6265	2.5619	3.0709	2.6592	2.9595	3.3191
9	.8632	.8429	.9200	.8986	.9168	.8889	.8782	.6544
	2.5590	2.6513	2.5604	2.6357	2.5560	2.7239	2.8075	3.8005
10	.8900	.9200	.7443	.9093	.8761	.8921	.7700	.4702
	2.6265	2.5604	3.0789	2.5215	2.5960	2.6127	3.0669	5.0456
11	.9221	.8986	.9093	.8279	.8332	.7368	.7186	.3802
	2.5619	2.6342	2.5244	2.5855	2.5229	2.7338	2.9972	5.7776
12	.7883	.9168	.8761	.8322	.5698	.5708	.5034	
	3.0709	2.5560	2.5975	2.5258	2.6529	2.7239	3.7277	
13	.9178	.8889	.8921	.7368	.5708	.4927	.3309	
	2.6592	2.7239	2.6127	2.7338	2.7222	2.9479	5.0165	
14	.8375	.8782	.7700	.7186	.5034	.3309		
	2.9595	2.8075	3.0690	2.9972	3.7277	5.0165		
15	.7508	.6544	.4702	.3802	F-SUB-Q			
	3.3191	3.8005	5.0454	5.7851	M-SUB-Q			

TABLE 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	* .6437 *	* 1.1128 *	* 1.1245 *	* 1.1867 *	* .9950 *	* 1.1835 *	* 1.0817 *	* 1.0142 *
	* 2.7611 *	* 2.0575 *	* 2.1486 *	* 2.0575 *	* 2.5130 *	* 2.1303 *	* 2.3662 *	* 2.5394 *
9	* 1.1128 *	* 1.0571 *	* 1.1845 *	* 1.1331 *	* 1.1813 *	* 1.1288 *	* 1.1513 *	* .8536 *
	* 2.0575 *	* 2.1808 *	* 2.0565 *	* 2.1527 *	* 2.0416 *	* 2.2108 *	* 2.2108 *	* 3.0086 *
10	* 1.1245 *	* 1.1845 *	* .9178 *	* 1.1760 *	* 1.1181 *	* 1.1610 *	* .9864 *	* .6008 *
	* 2.1486 *	* 2.0565 *	* 2.5810 *	* 2.0053 *	* 2.0967 *	* 2.0726 *	* 2.4577 *	* 4.0823 *
11	* 1.1867 *	* 1.1331 *	* 1.1760 *	* 1.0496 *	* 1.0849 *	* .9543 *	* .9489 *	* .4809 *
	* 2.0575 *	* 2.1527 *	* 2.0062 *	* 2.0841 *	* 2.0035 *	* 2.1850 *	* 2.3477 *	* 4.7137 *
12	* .9950 *	* 1.1824 *	* 1.1171 *	* 1.0839 *	* .7283 *	* .7572 *	* .6501 *	
	* 2.5130 *	* 2.0425 *	* 2.0967 *	* 2.0053 *	* 2.1263 *	* 2.1344 *	* 2.9966 *	
13	* 1.1835 *	* 1.1288 *	* 1.1610 *	* .9543 *	* .7572 *	* .6629 *	* .4305 *	
	* 2.1303 *	* 2.2118 *	* 2.0726 *	* 2.1840 *	* 2.1334 *	* 2.2940 *	* 4.0103 *	
14	* 1.0817 *	* 1.1513 *	* .9864 *	* .9478 *	* .6501 *	* .4305 *		
	* 2.3662 *	* 2.2108 *	* 2.4577 *	* 2.3477 *	* 2.9966 *	* 4.0103 *		
15	* 1.0142 *	* .8536 *	* .6008 *	* .4809 *	* F-SUB-Q			
	* 2.5394 *	* 3.0086 *	* 4.0820 *	* 4.7187 *	* 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	* .7518 *	* 1.3227 *	* 1.3098 *	* 1.4094 *	* 1.1610 *	* 1.4148 *	* 1.2777 *	* 1.2359 *
	* 2.4918 *	* 1.8084 *	* 1.9225 *	* 1.8041 *	* 2.2422 *	* 1.8542 *	* 2.0831 *	* 2.1677 *
9	* 1.3227 *	* 1.2284 *	* 1.4062 *	* 1.3195 *	* 1.4126 *	* 1.3323 *	* 1.3859 *	* 1.0196 *
	* 1.8084 *	* 1.9591 *	* 1.8041 *	* 1.9201 *	* 1.7835 *	* 1.9591 *	* 1.9104 *	* 2.6223 *
10	* 1.3098 *	* 1.4062 *	* 1.0560 *	* 1.4009 *	* 1.3109 *	* 1.3912 *	* 1.1717 *	* .7069 *
	* 1.9225 *	* 1.8041 *	* 2.3377 *	* 1.7465 *	* 1.8580 *	* 1.8005 *	* 2.1533 *	* 3.6141 *
11	* 1.4094 *	* 1.3195 *	* 1.4009 *	* 1.2284 *	* 1.2991 *	* 1.1310 *	* 1.1449 *	* .5644 *
	* 1.8041 *	* 1.9209 *	* 1.7478 *	* 1.8437 *	* 1.7411 *	* 1.9234 *	* 2.0282 *	* 4.1939 *
12	* 1.1610 *	* 1.4126 *	* 1.3109 *	* 1.2981 *	* .8622 *	* .9232 *	* .7733 *	
	* 2.2422 *	* 1.7835 *	* 1.8588 *	* 1.7411 *	* 1.8718 *	* 1.8429 *	* 2.6360 *	
13	* 1.4148 *	* 1.3313 *	* 1.3912 *	* 1.1310 *	* .9232 *	* .8215 *	* .5173 *	
	* 1.8542 *	* 1.9599 *	* 1.8012 *	* 1.9234 *	* 1.8414 *	* 1.9591 *	* 3.5042 *	
14	* 1.2777 *	* 1.3859 *	* 1.1717 *	* 1.1449 *	* .7733 *	* .5173 *		
	* 2.0831 *	* 1.9104 *	* 2.1543 *	* 2.0282 *	* 2.6360 *	* 3.5042 *		
15	* 1.2359 *	* 1.0196 *	* .7069 *	* .5633 *	* F-SUB-Q			
	* 2.1677 *	* 2.6223 *	* 3.6168 *	* 4.1978 *	* M-SUB-Q			

TABLE 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	* .8193	* 1.4437	* 1.4116	* 1.5369	* 1.2563	* 1.5519	* 1.3902	* 1.3645
	* 2.4523	* 1.7470	* 1.8776	* 1.7403	* 2.1764	* 1.7748	* 2.0089	* 2.0587
9	* 1.4437	* 1.3238	* 1.5347	* 1.4234	* 1.5497	* 1.4523	* 1.5251	* 1.1149
	* 1.7470	* 1.9154	* 1.7396	* 1.8700	* 1.7135	* 1.8956	* 1.8222	* 2.5170
10	* 1.4116	* 1.5347	* 1.1342	* 1.5326	* 1.4201	* 1.5272	* 1.2798	* .7658
	* 1.8776	* 1.7396	* 2.2932	* 1.6758	* 1.8028	* 1.7239	* 2.0737	* 3.5051
11	* 1.5369	* 1.4234	* 1.5326	* 1.3291	* 1.4266	* 1.2338	* 1.2616	* .6105
	* 1.7403	* 1.8707	* 1.6777	* 1.7880	* 1.6661	* 1.8616	* 1.9374	* 4.0797
12	* 1.2563	* 1.5497	* 1.4191	* 1.4244	* .9500	* 1.0324	* .8461	*
	* 2.1764	* 1.7142	* 1.8035	* 1.6667	* 1.8099	* 1.7598	* 2.5479	*
13	* 1.5519	* 1.4523	* 1.5262	* 1.2327	* 1.0324	* .9264	* .5708	*
	* 1.7748	* 1.8964	* 1.7239	* 1.8608	* 1.7584	* 1.8578	* 3.3690	*
14	* 1.3902	* 1.5251	* 1.2798	* 1.2616	* .8461	* .5708	*	*
	* 2.0089	* 1.8222	* 2.0737	* 1.9382	* 2.5479	* 3.3691	*	*
15	* 1.3645	* 1.1149	* .7658	* .6105	* F-SUB-Q			
	* 2.0587	* 2.5170	* 3.5049	* 4.0833	* 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	* .8643	* 1.5123	* 1.4683	* 1.6086	* 1.3152	* 1.6311	* 1.4544	* 1.4351
	* 2.5197	* 1.7813	* 1.9244	* 1.7703	* 2.2105	* 1.7952	* 2.0406	* 2.0775
9	* 1.5123	* 1.3773	* 1.6054	* 1.4823	* 1.6290	* 1.5208	* 1.6044	* 1.1674
	* 1.7813	* 1.9673	* 1.7703	* 1.9116	* 1.7395	* 1.9301	* 1.8397	* 2.5513
10	* 1.4683	* 1.6054	* 1.1813	* 1.6076	* 1.4812	* 1.6044	* 1.3420	* .8011
	* 1.9244	* 1.7703	* 2.3483	* 1.7015	* 1.8419	* 1.7461	* 2.1041	* 3.5633
11	* 1.6086	* 1.4812	* 1.6076	* 1.3869	* 1.5005	* 1.2927	* 1.3291	* .6383
	* 1.7703	* 1.9124	* 1.7034	* 1.8259	* 1.6896	* 1.8982	* 1.9631	* 4.1622
12	* 1.3152	* 1.6290	* 1.4801	* 1.4983	* 1.0078	* 1.1010	* .8900	*
	* 2.2105	* 1.7402	* 1.8427	* 1.6896	* 1.8464	* 1.7827	* 2.5989	*
13	* 1.6311	* 1.5197	* 1.6044	* 1.2927	* 1.1021	* .9928	* .6051	*
	* 1.7952	* 1.9301	* 1.7468	* 1.8982	* 1.7813	* 1.8773	* 3.4289	*
14	* 1.4544	* 1.6044	* 1.3409	* 1.3291	* .8900	* .6051	*	*
	* 2.0406	* 1.8397	* 2.1051	* 1.9631	* 2.5989	* 3.4289	*	*
15	* 1.4351	* 1.1674	* .8011	* .6372	* F-SUB-Q			
	* 2.0775	* 2.5513	* 3.5659	* 4.1660	* M-SUB-Q			

Catawba 2 Cycle 10 Core Operating Limits Report

CNEI-0400-25
 Appendix A
 Page 124 of 269
 Revision 15

TABLE 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	* .8846	* 1.5540	* 1.5005	* 1.6526	* 1.3484	* 1.6793	* 1.4908	* 1.4780
	* 2.6869	* 1.8754	* 2.0337	* 1.8604	* 2.3236	* 1.8762	* 2.1380	* 2.1540
9	* 1.5540	* 1.4084	* 1.6493	* 1.5165	* 1.6772	* 1.5604	* 1.6526	* 1.1984
	* 1.8754	* 2.0813	* 1.8604	* 2.0160	* 1.8244	* 2.0213	* 1.9198	* 2.6636
10	* 1.5005	* 1.6493	* 1.2070	* 1.6536	* 1.5176	* 1.6526	* 1.3784	* .8204
	* 2.0337	* 1.8604	* 2.4832	* 1.7857	* 1.9415	* 1.8273	* 2.2084	* 3.7469
11	* 1.6526	* 1.5165	* 1.6536	* 1.4212	* 1.5476	* 1.3291	* 1.3720	* .6533
	* 1.8604	* 2.0169	* 1.7877	* 1.9286	* 1.7761	* 2.0020	* 2.0563	* 4.3898
12	* 1.3484	* 1.6772	* 1.5165	* 1.5455	* 1.0399	* 1.1460	* .9178	*
	* 2.3236	* 1.8251	* 1.9432	* 1.7761	* 1.9514	* 1.8724	* 2.7409	*
13	* 1.6793	* 1.5604	* 1.6526	* 1.3291	* 1.1460	* 1.0378	* .6276	*
	* 1.8762	* 2.0222	* 1.8280	* 2.0020	* 1.8709	* 1.9696	* 3.6112	*
14	* 1.4908	* 1.6526	* 1.3784	* 1.3709	* .9178	* .6276	*	*
	* 2.1380	* 1.9198	* 2.2084	* 2.0563	* 2.7409	* 3.6113	*	*
15	* 1.4780	* 1.1984	* .8204	* .6533	* F-SUB-Q			
	* 2.1540	* 2.6636	* 3.7498	* 4.3940	* 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	* .9157	* 1.6215	* 1.5572	* 1.7232	* 1.4019	* 1.7543	* 1.5508	* 1.5465
	* 2.8645	* 1.9687	* 2.1406	* 1.9473	* 2.4318	* 1.9538	* 2.2076	* 2.1931
9	* 1.6215	* 1.4630	* 1.7200	* 1.5754	* 1.7511	* 1.6268	* 1.7275	* 1.2488
	* 1.9687	* 2.1962	* 1.9481	* 2.1182	* 1.9066	* 2.1086	* 1.9863	* 2.7259
10	* 1.5572	* 1.7200	* 1.2520	* 1.7275	* 1.5787	* 1.7275	* 1.4384	* .8547
	* 2.1406	* 1.9473	* 2.6193	* 1.8728	* 2.0447	* 1.9082	* 2.3083	* 3.9144
11	* 1.7232	* 1.5754	* 1.7265	* 1.4801	* 1.6204	* 1.3891	* 1.4394	* .6822
	* 1.9473	* 2.1192	* 1.8751	* 2.0358	* 1.8683	* 2.1086	* 2.1495	* 4.6079
12	* 1.4019	* 1.7511	* 1.5776	* 1.6183	* 1.0860	* 1.2070	* .9618	*
	* 2.4318	* 1.9074	* 2.0465	* 1.8683	* 2.0665	* 1.9695	* 2.8901	*
13	* 1.7543	* 1.6258	* 1.7275	* 1.3880	* 1.2081	* 1.1031	* .6629	*
	* 1.9538	* 2.1086	* 1.9082	* 2.1086	* 1.9678	* 2.0665	* 3.8019	*
14	* 1.5508	* 1.7275	* 1.4384	* 1.4384	* .9618	* .6629	*	*
	* 2.2076	* 1.9871	* 2.3083	* 2.1505	* 2.8901	* 3.8020	*	*
15	* 1.5465	* 1.2488	* .8536	* .6812	* F-SUB-Q			
	* 2.1931	* 2.7259	* 3.9175	* 4.6078	* M-SUB-Q			

TABLE 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	* .9350 *	* 1.6568 *	* 1.5851 *	* 1.7586 *	* 1.4287 *	* 1.7896 *	* 1.5776 *	* 1.5776 *
	* 3.0979 *	* 2.1143 *	* 2.3007 *	* 2.0850 *	* 2.5678 *	* 2.0657 *	* 2.3201 *	* 2.2962 *
9	* 1.6568 *	* 1.4908 *	* 1.7554 *	* 1.6044 *	* 1.7875 *	* 1.6579 *	* 1.7629 *	* 1.2713 *
	* 2.1143 *	* 2.3660 *	* 2.0860 *	* 2.2761 *	* 2.0386 *	* 2.2198 *	* 2.0822 *	* 2.8583 *
10	* 1.5851 *	* 1.7554 *	* 1.2766 *	* 1.7650 *	* 1.6097 *	* 1.7671 *	* 1.4683 *	* .8707 *
	* 2.3007 *	* 2.0860 *	* 2.8140 *	* 2.0175 *	* 2.2083 *	* 2.0404 *	* 2.4685 *	* 4.1407 *
11	* 1.7586 *	* 1.6044 *	* 1.7650 *	* 1.5123 *	* 1.6633 *	* 1.4234 *	* 1.4769 *	* .6961 *
	* 2.0850 *	* 2.2772 *	* 2.0201 *	* 2.2051 *	* 2.0149 *	* 2.2816 *	* 2.3098 *	* 4.9443 *
12	* 1.4287 *	* 1.7875 *	* 1.6097 *	* 1.6600 *	* 1.1160 *	* 1.2488 *	* .9896 *	
	* 2.5678 *	* 2.0395 *	* 2.2103 *	* 2.0183 *	* 2.2443 *	* 2.1287 *	* 3.1282 *	
13	* 1.7896 *	* 1.6568 *	* 1.7661 *	* 1.4234 *	* 1.2499 *	* 1.1481 *	* .6876 *	
	* 2.0657 *	* 2.2209 *	* 2.0413 *	* 2.2805 *	* 2.1268 *	* 2.2336 *	* 4.1161 *	
14	* 1.5776 *	* 1.7629 *	* 1.4673 *	* 1.4769 *	* .9896 *	* .6876 *		
	* 2.3201 *	* 2.0822 *	* 2.4698 *	* 2.3110 *	* 3.1282 *	* 4.1161 *		
15	* 1.5776 *	* 1.2713 *	* .8707 *	* .6961 *	* F-SUB-Q			
	* 2.2962 *	* 2.8583 *	* 4.1442 *	* 4.9443 *	* 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	* .9361 *	* 1.6526 *	* 1.5733 *	* 1.7457 *	* 1.4137 *	* 1.7746 *	* 1.5615 *	* 1.5562 *
	* 3.4555 *	* 2.3423 *	* 2.5494 *	* 2.3053 *	* 2.7754 *	* 2.2251 *	* 2.4962 *	* 2.4711 *
9	* 1.6526 *	* 1.4833 *	* 1.7425 *	* 1.5926 *	* 1.7725 *	* 1.6418 *	* 1.7468 *	* 1.2563 *
	* 2.3423 *	* 2.6239 *	* 2.3064 *	* 2.5205 *	* 2.2293 *	* 2.3902 *	* 2.2390 *	* 3.0727 *
10	* 1.5733 *	* 1.7425 *	* 1.2681 *	* 1.7564 *	* 1.6011 *	* 1.7575 *	* 1.4576 *	* .8600 *
	* 2.5494 *	* 2.3064 *	* 3.1208 *	* 2.2283 *	* 2.4440 *	* 2.2530 *	* 2.7122 *	* 4.4767 *
11	* 1.7457 *	* 1.5915 *	* 1.7554 *	* 1.5101 *	* 1.6665 *	* 1.4287 *	* 1.4758 *	* .6908 *
	* 2.3053 *	* 2.5205 *	* 2.2315 *	* 2.4440 *	* 2.2261 *	* 2.5246 *	* 2.5494 *	* 5.4787 *
12	* 1.4137 *	* 1.7725 *	* 1.6001 *	* 1.6633 *	* 1.1331 *	* 1.2723 *	* .9992 *	
	* 2.7754 *	* 2.2293 *	* 2.4453 *	* 2.2293 *	* 2.4922 *	* 2.3612 *	* 3.4673 *	
13	* 1.7746 *	* 1.6418 *	* 1.7564 *	* 1.4287 *	* 1.2723 *	* 1.1760 *	* .7004 *	
	* 2.2251 *	* 2.3914 *	* 2.2541 *	* 2.5246 *	* 2.3588 *	* 2.4856 *	* 4.5811 *	
14	* 1.5615 *	* 1.7457 *	* 1.4566 *	* 1.4758 *	* .9982 *	* .7004 *		
	* 2.4962 *	* 2.2390 *	* 2.7138 *	* 2.5508 *	* 3.4673 *	* 4.5766 *		
15	* 1.5562 *	* 1.2563 *	* .8600 *	* .6908 *	* F-SUB-Q			
	* 2.4711 *	* 3.0747 *	* 4.4765 *	* 5.4851 *	* M-SUB-Q			

TABLE 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	* 1.0121	* 1.7372	* 1.6333	* 1.8186	* 1.4673	* 1.8453	* 1.6129	* 1.6194
	* 3.6743	* 2.4777	* 2.6432	* 2.3529	* 2.8262	* 2.2639	* 2.5522	* 2.5043
9	* 1.7372	* 1.5487	* 1.8164	* 1.6515	* 1.8443	* 1.7029	* 1.8153	* 1.3013
	* 2.4777	* 2.7917	* 2.3660	* 2.5875	* 2.2683	* 2.4389	* 2.2761	* 3.1303
10	* 1.6333	* 1.8164	* 1.3205	* 1.8336	* 1.6675	* 1.8357	* 1.5165	* .8954
	* 2.6432	* 2.3660	* 3.2544	* 2.3411	* 2.5832	* 2.3144	* 2.7620	* 4.5337
11	* 1.8186	* 1.6515	* 1.8325	* 1.5851	* 1.7629	* 1.5112	* 1.5551	* .7240
	* 2.3529	* 2.5889	* 2.3423	* 2.6180	* 2.3648	* 2.6981	* 2.6981	* 5.6811
12	* 1.4673	* 1.8432	* 1.6665	* 1.7597	* 1.2391	* 1.4041	* 1.0635	*
	* 2.8262	* 2.2683	* 2.5861	* 2.3696	* 2.6749	* 2.5178	* 3.7156	*
13	* 1.8453	* 1.7018	* 1.8346	* 1.5101	* 1.4052	* 1.3023	* .7583	*
	* 2.2639	* 2.4389	* 2.3155	* 2.6981	* 2.5151	* 2.6402	* 4.8810	*
14	* 1.6129	* 1.8143	* 1.5155	* 1.5551	* 1.0635	* .7593	*	*
	* 2.5522	* 2.2772	* 2.7636	* 2.6981	* 3.7156	* 4.8759	*	*
15	* 1.6194	* 1.3013	* .8943	* .7229	* F-SUB-Q			
	* 2.5043	* 3.1303	* 4.5379	* 5.6880	* 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	* 1.1010	* 1.7843	* 1.6547	* 1.8464	* 1.4791	* 1.8668	* 1.6247	* 1.6343
	* 3.9563	* 2.6704	* 2.7850	* 2.4659	* 2.9692	* 2.3684	* 2.6749	* 2.6136
9	* 1.7843	* 1.5797	* 1.8443	* 1.6718	* 1.8710	* 1.7200	* 1.8346	* 1.3109
	* 2.6704	* 2.9901	* 2.4830	* 2.7233	* 2.3732	* 2.5536	* 2.3792	* 3.2706
10	* 1.6547	* 1.8443	* 1.3388	* 1.8657	* 1.6943	* 1.8668	* 1.5369	* .9029
	* 2.7850	* 2.4830	* 3.4327	* 2.4543	* 2.7170	* 2.4224	* 2.8901	* 4.7425
11	* 1.8464	* 1.6708	* 1.8646	* 1.6376	* 1.8228	* 1.5658	* 1.5969	* .7347
	* 2.4659	* 2.7233	* 2.4556	* .8531	* 2.5733	* 2.9467	* 2.8901	* 5.9447
12	* 1.4791	* 1.8700	* 1.6933	* 1.8190	* 1.3612	* 1.5658	* 1.1106	*
	* 2.9692	* 2.3732	* 2.7185	* 2.5775	* 2.9209	* 2.7393	* 4.0472	*
13	* 1.8668	* 1.7190	* 1.8668	* 1.5647	* 1.5679	* 1.4533	* .8054	*
	* 2.3684	* 2.5550	* 2.4237	* 2.9467	* 2.7377	* 2.8759	* 5.3253	*
14	* 1.6247	* 1.8346	* 1.5369	* 1.5969	* 1.1106	* .8054	*	*
	* 2.6749	* 2.3792	* 2.8919	* 2.8919	* 4.0472	* 5.3192	*	*
15	* 1.6343	* 1.3109	* .9018	* .7347	* F-SUB-Q			
	* 2.6136	* 3.2729	* 4.7471	* 5.9522	* M-SUB-Q			

TABLE 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	* 1.1749	* 1.7950	* 1.6493	* 1.8389	* 1.4683	* 1.8539	* 1.6097	* 1.6151
	* 4.0144	* 2.7075	* 2.8706	* 2.5606	* 3.0920	* 2.4777	* 2.8186	* 2.7734
9	* 1.7950	* 1.5894	* 1.8378	* 1.6643	* 1.8668	* 1.7072	* 1.8196	* 1.2970
	* 2.7075	* 3.0546	* 2.5662	* 2.8254	* 2.4830	* 2.6842	* 2.5070	* 3.4725
10	* 1.6493	* 1.8378	* 1.3377	* 1.8625	* 1.6933	* 1.8635	* 1.5294	* .8954
	* 2.8706	* 2.5662	* 3.5293	* 2.5578	* 2.8375	* 2.5452	* 3.0606	* 5.0528
11	* 1.8389	* 1.6643	* 1.8614	* 1.6590	* 1.8464	* 1.5915	* 1.6054	* .7336
	* 2.5606	* 2.8272	* 2.5592	* 2.8973	* 2.6121	* 3.0132	* 3.0269	* 6.3716
12	* 1.4683	* 1.8657	* 1.6922	* 1.8432	* 1.5658	* 1.6643	* 1.1363	*
	* 3.0920	* 2.4830	* 2.8392	* 2.6165	* 2.9824	* 2.8152	* 4.1963	*
13	* 1.8539	* 1.7061	* 1.8625	* 1.5915	* 1.6665	* 1.5551	* .8332	*
	* 2.4777	* 2.6842	* 2.5466	* 3.0151	* 2.8135	* 2.9843	* 5.5758	*
14	* 1.6097	* 1.8196	* 1.5294	* 1.6054	* 1.1363	* .8332	*	*
	* 2.8186	* 2.5083	* 3.0626	* 3.0269	* 4.1963	* 5.5759	*	*
15	* 1.6151	* 1.2970	* .8943	* .7326	* F-SUB-Q			
	* 2.7734	* 3.4725	* 5.0580	* 6.3715	* 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	* 1.2070	* 1.8314	* 1.6686	* 1.8657	* 1.4801	* 1.8753	* 1.6215	* 1.6322
	* 3.9394	* 2.6239	* 2.7522	* 2.4491	* 2.9692	* 2.3720	* 2.7044	* 2.6612
9	* 1.8314	* 1.6172	* 1.8646	* 1.6836	* 1.8957	* 1.7232	* 1.8410	* 1.3077
	* 2.6239	* 2.9411	* 2.4543	* 2.7138	* 2.3768	* 2.5718	* 2.3976	* 3.3313
10	* 1.6686	* 1.8646	* 1.3527	* 1.8935	* 1.7168	* 1.8935	* 1.5487	* .9029
	* 2.7522	* 2.4543	* 3.3875	* 2.4478	* 2.7217	* 2.4363	* 2.9337	* 4.8876
11	* 1.8657	* 1.6825	* 1.8914	* 1.6986	* 1.8935	* 1.6333	* 1.6418	* .7433
	* 2.4491	* 2.7138	* 2.4491	* 2.8444	* 2.5564	* 2.9579	* 2.9579	* 6.2171
12	* 1.4801	* 1.8946	* 1.7157	* 1.8892	* 1.6365	* 1.7404	* 1.1695	*
	* 2.9692	* 2.3768	* 2.7233	* 2.5620	* 2.9227	* 2.7506	* 4.1113	*
13	* 1.8753	* 1.7222	* 1.8925	* 1.6333	* 1.7414	* 1.6365	* .8654	*
	* 2.3720	* 2.5733	* 2.4376	* 2.9579	* 2.7473	* 2.9099	* 5.4509	*
14	* 1.6215	* 1.8400	* 1.5476	* 1.6408	* 1.1695	* .8664	*	*
	* 2.7044	* 2.3988	* 2.9355	* 2.9579	* 4.1113	* 5.4445	*	*
15	* 1.6322	* 1.3077	* .9018	* .7422	* F-SUB-Q			
	* 2.6612	* 3.3313	* 4.8925	* 6.2254	* M-SUB-Q			

TABLE 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	* 1.2199	* 1.8582	* 1.6847	* 1.8882	* 1.4876	* 1.8935	* 1.6311	* 1.6483
	* 3.8069	* 2.4711	* 2.6034	* 2.3121	* 2.8192	* 2.2433	* 2.5648	* 2.5137
9	* 1.8582	* 1.6365	* 1.8860	* 1.6986	* 1.9192	* 1.7372	* 1.8582	* 1.3163
	* 2.4711	* 2.7784	* 2.3167	* 2.5704	* 2.2476	* 2.4363	* 2.2683	* 3.1557
10	* 1.6847	* 1.8860	* 1.3634	* 1.9257	* 1.7361	* 1.9171	* 1.5637	* .9071
	* 2.6034	* 2.3167	* 3.2115	* 2.3121	* 2.5775	* 2.3019	* 2.7767	* 4.6427
11	* 1.8882	* 1.6975	* 1.9224	* 1.7265	* 1.9267	* 1.6611	* 1.6686	* .7497
	* 2.3121	* 2.5718	* 2.3133	* 2.7329	* 2.4504	* 2.8444	* 2.7950	* 5.8990
12	* 1.4876	* 1.9182	* 1.7339	* 1.9235	* 1.6750	* 1.7854	* 1.1910	*
	* 2.8192	* 2.2487	* 2.5789	* 2.4543	* 2.8152	* 2.6447	* 3.9681	*
13	* 1.8935	* 1.7372	* 1.9160	* 1.6611	* 1.7864	* 1.6879	* .8868	*
	* 2.2433	* 2.4376	* 2.3030	* 2.8444	* 2.6417	* 2.8000	* 5.2646	*
14	* 1.6311	* 1.8582	* 1.5637	* 1.6686	* 1.1920	* .8879	*	*
	* 2.5648	* 2.2683	* 2.7784	* 2.7967	* 3.9681	* 5.2587	*	*
15	* 1.6483	* 1.3163	* .9071	* .7486	* F-SUB-Q			
	* 2.5137	* 3.1557	* 4.6471	* 5.9064	* 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	* 1.2188	* 1.8560	* 1.6783	* 1.8828	* 1.4801	* 1.8860	* 1.6194	* 1.6365
	* 3.6918	* 2.3517	* 2.4856	* 2.2041	* 2.6962	* 2.1454	* 2.4594	* 2.4099
9	* 1.8560	* 1.6322	* 1.8817	* 1.6911	* 1.9139	* 1.7275	* 1.8485	* 1.3055
	* 2.3517	* 2.6492	* 2.2093	* 2.4568	* 2.1483	* 2.3329	* 2.1703	* 3.0288
10	* 1.6783	* 1.8817	* 1.3591	* 1.9257	* 1.7297	* 1.9117	* 1.5562	* .9018
	* 2.4856	* 2.2093	* 3.0631	* 2.2051	* 2.4620	* 2.1979	* 2.6597	* 4.4552
11	* 1.8828	* 1.6900	* 1.9224	* 1.7232	* 1.9278	* 1.6590	* 1.6665	* .7454
	* 2.2041	* 2.4581	* 2.2072	* 2.6477	* 2.3756	* 2.7701	* 2.6688	* 5.6533
12	* 1.4801	* 1.9128	* 1.7286	* 1.9235	* 1.6772	* 1.7918	* 1.1910	*
	* 2.6962	* 2.1493	* 2.4646	* 2.3805	* 2.7425	* 2.5733	* 3.8727	*
13	* 1.8860	* 1.7265	* 1.9107	* 1.6590	* 1.7929	* 1.6965	* .8889	*
	* 2.1454	* 2.3341	* 2.1999	* 2.7701	* 2.5704	* 2.7281	* 5.1416	*
14	* 1.6194	* 1.8485	* 1.5551	* 1.6654	* 1.1910	* .8900	*	*
	* 2.4594	* 2.1713	* 2.6612	* 2.6688	* 3.8727	* 5.1417	*	*
15	* 1.6365	* 1.3055	* .9007	* .7454	* F-SUB-Q			
	* 2.4099	* 3.0288	* 4.4593	* 5.6600	* M-SUB-Q			

TABLE 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	* 1.1856	* 1.8078	* 1.6333	* 1.8336	* 1.4373	* 1.8314	* 1.5712	* 1.5819
	* 3.6170	* 2.2939	* 2.4300	* 2.1553	* 2.6485	* 2.1067	* 2.4199	* 2.3817
9	* 1.8078	* 1.5904	* 1.8325	* 1.6451	* 1.8603	* 1.6761	* 1.7939	* 1.2638
	* 2.2939	* 2.5861	* 2.1602	* 2.4050	* 2.1095	* 2.2928	* 2.1356	* 2.9901
10	* 1.6333	* 1.8325	* 1.3227	* 1.8753	* 1.6836	* 1.8582	* 1.5090	* .8707
	* 2.4300	* 2.1602	* 2.9958	* 2.1593	* 2.4112	* 2.1553	* 2.6150	* 4.4002
11	* 1.8336	* 1.6440	* 1.8721	* 1.6783	* 1.8764	* 1.6140	* 1.6172	* .7208
	* 2.1553	* 2.4062	* 2.1602	* 2.5861	* 2.3213	* 2.7313	* 2.6180	* 5.5848
12	* 1.4373	* 1.8593	* 1.6825	* 1.8732	* 1.6354	* 1.7457	* 1.1578	*
	* 2.6485	* 2.1105	* 2.4137	* 2.3259	* 2.7201	* 2.5550	* 3.8408	*
13	* 1.8314	* 1.6761	* 1.8571	* 1.6140	* 1.7468	* 1.6515	* .8643	*
	* 2.1067	* 2.2939	* 2.1573	* 2.7313	* 2.5522	* 2.7154	* 5.1245	*
14	* 1.5712	* 1.7929	* 1.5090	* 1.6172	* 1.1588	* .8643	*	*
	* 2.4199	* 2.1356	* 2.6165	* 2.6180	* 3.8408	* 5.1246	*	*
15	* 1.5819	* 1.2638	* .8697	* .7197	* F-SUB-Q			
	* 2.3817	* 2.9901	* 4.4041	* 5.5847	* 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	* 1.2017	* 1.8400	* 1.6536	* 1.8625	* 1.4512	* 1.8550	* 1.5819	* 1.6022
	* 3.3701	* 2.1395	* 2.2816	* 2.0183	* 2.5026	* 1.9841	* 2.2962	* 2.2487
9	* 1.8400	* 1.6108	* 1.8614	* 1.6622	* 1.8882	* 1.6933	* 1.8153	* 1.2734
	* 2.1395	* 2.4224	* 2.0218	* 2.2628	* 1.9866	* 2.1673	* 2.0157	* 2.8357
10	* 1.6536	* 1.8614	* 1.3377	* 1.9032	* 1.7007	* 1.8828	* 1.5240	* .8782
	* 2.2816	* 2.0218	* 2.8140	* 2.0236	* 2.2683	* 2.0254	* 2.4698	* 4.1705
11	* 1.8625	* 1.6611	* 1.9000	* 1.6965	* 1.9042	* 1.6290	* 1.6397	* .7272
	* 2.0183	* 2.2639	* 2.0254	* 2.4262	* 2.1593	* 2.5508	* 2.4543	* 5.2660
12	* 1.4512	* 1.8871	* 1.6997	* 1.9000	* 1.6515	* 1.7693	* 1.1674	*
	* 2.5026	* 1.9874	* 2.2705	* 2.1643	* 2.5648	* 2.4025	* 3.6177	*
13	* 1.8550	* 1.6922	* 1.8817	* 1.6290	* 1.7714	* 1.6772	* .8739	*
	* 1.9841	* 2.1683	* 2.0271	* 2.5508	* 2.4000	* 2.5536	* 4.8452	*
14	* 1.5819	* 1.8143	* 1.5230	* 1.6386	* 1.1674	* .8739	*	*
	* 2.2962	* 2.0157	* 2.4711	* 2.4556	* 3.6177	* 4.8402	*	*
15	* 1.6022	* 1.2734	* .8771	* .7261	* F-SUB-Q			
	* 2.2487	* 2.8375	* 4.1740	* 5.2719	* M-SUB-Q			

TABLE 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	* 1.1888	* 1.8218	* 1.6343	* 1.8421	* 1.4266	* 1.8261	* 1.5508	* 1.5679
	* 3.1851	* 2.0467	* 2.1968	* 1.9444	* 2.4355	* 1.9299	* 2.2465	* 2.2062
9	* 1.8218	* 1.5947	* 1.8410	* 1.6397	* 1.8625	* 1.6622	* 1.7821	* 1.2456
	* 2.0467	* 2.3236	* 1.9476	* 2.1855	* 1.9323	* 2.1143	* 1.9682	* 2.7850
10	* 1.6343	* 1.8410	* 1.3205	* 1.8753	* 1.6750	* 1.8528	* 1.4940	* .8579
	* 2.1968	* 1.9476	* 2.7120	* 1.9542	* 2.1927	* 1.9632	* 2.4075	* 4.0895
11	* 1.8421	* 1.6386	* 1.8721	* 1.6708	* 1.8764	* 1.6001	* 1.6086	* .7101
	* 1.9444	* 2.1855	* 1.9558	* 2.3294	* 2.0721	* 2.4517	* 2.3756	* 5.1428
12	* 1.4266	* 1.8614	* 1.6729	* 1.8732	* 1.6226	* 1.7382	* 1.1428	*
	* 2.4355	* 1.9323	* 2.1948	* 2.0767	* 2.4478	* 2.2928	* 3.4750	*
13	* 1.8261	* 1.6611	* 1.8518	* 1.6001	* 1.7404	* 1.6461	* .8547	*
	* 1.9299	* 2.1152	* 1.9649	* 2.4517	* 2.2917	* 2.4543	* 4.6596	*
14	* 1.5508	* 1.7811	* 1.4930	* 1.6076	* 1.1428	* .8557	*	*
	* 2.2465	* 1.9690	* 2.4087	* 2.3768	* 3.4750	* 4.6550	*	*
15	* 1.5679	* 1.2456	* .8568	* .7090	* F-SUB-Q			
	* 2.2062	* 2.7850	* 4.0929	* 5.1484	* 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	* 1.1503	* 1.7575	* 1.5797	* 1.7736	* 1.3666	* 1.7436	* 1.4780	* 1.4769
	* 3.1441	* 2.0079	* 2.1683	* 1.9307	* 2.4432	* 1.9412	* 2.2705	* 2.2584
9	* 1.7575	* 1.5433	* 1.7725	* 1.5787	* 1.7854	* 1.5862	* 1.6933	* 1.1792
	* 2.0079	* 2.2783	* 1.9331	* 2.1653	* 1.9428	* 2.1307	* 1.9934	* 2.8375
10	* 1.5797	* 1.7725	* 1.2745	* 1.7939	* 1.6076	* 1.7693	* 1.4223	* .8118
	* 2.1683	* 1.9331	* 2.6775	* 1.9468	* 2.1774	* 1.9673	* 2.4275	* 4.1593
11	* 1.7736	* 1.5776	* 1.7907	* 1.6022	* 1.7950	* 1.5262	* 1.5240	* .6704
	* 1.9307	* 2.1663	* 1.9485	* 2.2783	* 2.0324	* 2.4287	* 2.3817	* 5.2007
12	* 1.3666	* 1.7843	* 1.6054	* 1.7907	* 1.5508	* 1.6515	* 1.0849	*
	* 2.4432	* 1.9436	* 2.1794	* 2.0368	* 2.4325	* 2.2939	* 3.4906	*
13	* 1.7436	* 1.5851	* 1.7671	* 1.5262	* 1.6526	* 1.5551	* .8086	*
	* 1.9412	* 2.1317	* 1.9690	* 2.4287	* 2.2928	* 2.4594	* 4.6785	*
14	* 1.4780	* 1.6922	* 1.4212	* 1.5240	* 1.0849	* .8086	*	*
	* 2.2705	* 1.9942	* 2.4287	* 2.3829	* 3.4906	* 4.6738	*	*
15	* 1.4769	* 1.1792	* .8107	* .6704	* F-SUB-Q			
	* 2.2584	* 2.8375	* 4.1628	* 5.2065	* M-SUB-Q			

TABLE 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	* 1.1503	* 1.7468	* 1.5733	* 1.7505	* 1.3505	* 1.7125	* 1.4405	* 1.4212
	* 2.9131	* 1.9133	* 2.0860	* 1.8674	* 2.3854	* 1.9071	* 2.2519	* 2.2761
9	* 1.7468	* 1.5401	* 1.7586	* 1.5658	* 1.7607	* 1.5540	* 1.6483	* 1.1385
	* 1.9133	* 2.1673	* 1.8689	* 2.0916	* 1.8901	* 2.1000	* 1.9782	* 2.8478
10	* 1.5733	* 1.7586	* 1.2713	* 1.7629	* 1.5862	* 1.7329	* 1.3869	* .7883
	* 2.0860	* 1.8689	* 2.5692	* 1.8916	* 2.1105	* 1.9268	* 2.3963	* 4.1407
11	* 1.7586	* 1.5647	* 1.7597	* 1.5787	* 1.7629	* 1.4898	* 1.4780	* .6501
	* 1.8674	* 2.0916	* 1.8932	* 2.1876	* 1.9624	* 2.3493	* 2.3399	* 5.1485
12	* 1.3505	* 1.7586	* 1.5851	* 1.7586	* 1.5165	* 1.6054	* 1.0507	*
	* 2.3054	* 1.8916	* 2.1124	* 1.9665	* 2.3612	* 2.2411	* 3.3992	*
13	* 1.7125	* 1.5530	* 1.7318	* 1.4898	* 1.6065	* 1.5048	* .7829	*
	* 1.9071	* 2.1019	* 1.9283	* 2.3493	* 2.2400	* 2.4389	* 4.6131	*
14	* 1.4405	* 1.6483	* 1.3859	* 1.4769	* 1.0507	* .7829	*	*
	* 2.2519	* 1.9790	* 2.3976	* 2.3411	* 3.3992	* 4.6132	*	*
5	* 1.4212	* 1.1385	* .7872	* .6501	* F-SUB-Q			
	* 2.2761	* 2.8478	* 4.1442	* 5.1541	* 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	* 1.1245	* 1.6783	* 1.5144	* 1.6868	* 1.2991	* 1.6268	* 1.3484	* 1.2691
	* 2.8505	* 1.9048	* 2.0916	* 1.8802	* 2.4065	* 1.9468	* 2.3423	* 2.4843
9	* 1.6783	* 1.4876	* 1.6868	* 1.5058	* 1.6761	* 1.4756	* 1.5380	* 1.0399
	* 1.9048	* 2.1464	* 1.8810	* 2.1010	* 1.9157	* 2.1473	* 2.0602	* 3.0387
10	* 1.5144	* 1.6868	* 1.2413	* 1.6761	* 1.5090	* 1.6354	* 1.3055	* .7304
	* 2.0916	* 1.8810	* 2.5355	* 1.9173	* 2.1404	* 1.9723	* 2.4659	* 4.3425
11	* 1.6868	* 1.5058	* 1.6750	* 1.4962	* 1.6665	* 1.3902	* 1.3591	* .5998
	* 1.8802	* 2.1010	* 1.9181	* 2.2083	* 1.9849	* 2.4162	* 2.4427	* 5.3954
12	* 1.2991	* 1.6740	* 1.5058	* 1.6622	* 1.4212	* 1.4908	* .9714	*
	* 2.4065	* 1.9173	* 2.1424	* 1.9900	* 2.3878	* 2.2917	* 3.5169	*
13	* 1.6268	* 1.4748	* 1.6343	* 1.3891	* 1.4919	* 1.3912	* .7240	*
	* 1.9468	* 2.1483	* 1.9740	* 2.4162	* 2.2906	* 2.4922	* 4.7409	*
14	* 1.3484	* 1.5380	* 1.3045	* 1.3591	* .9714	* .7240	*	*
	* 2.3423	* 2.0611	* 2.4685	* 2.4440	* 3.5169	* 4.7409	*	*
15	* 1.2691	* 1.0399	* .7294	* .5998	* F-SUB-Q			
	* 2.4843	* 3.0307	* 4.3463	* 5.4016	* M-SUB-Q			

TABLE 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	* .9960 *	* 1.5155 *	* 1.2906 *	* 1.5272 *	* 1.1192 *	* 1.4576 *	* 1.1192 *	.9650 *
	* 3.0876 *	* 2.0440 *	* 2.3865 *	* 2.0183 *	* 2.7296 *	* 2.1181 *	* 2.7587 *	* 3.2011 *
9	* 1.5155 *	* 1.2734 *	* 1.5283 *	* 1.2884 *	* 1.5058 *	* 1.2541 *	* 1.3013 *	.8300 *
	* 2.0440 *	* 2.4262 *	* 2.0210 *	* 2.3914 *	* 2.0666 *	* 2.4646 *	* 2.3841 *	* 3.7274 *
10	* 1.2906 *	* 1.5283 *	* 1.0988 *	* 1.5090 *	* 1.2649 *	* 1.4266 *	* 1.0956 *	.5965 *
	* 2.3865 *	* 2.0210 *	* 2.7886 *	* 2.0721 *	* 2.4790 *	* 2.2103 *	* 2.8618 *	* 5.1944 *
11	* 1.5272 *	* 1.2884 *	* 1.5080 *	* 1.2541 *	* 1.4705 *	* 1.1363 *	* 1.0946 *	.4884 *
	* 2.0183 *	* 2.3914 *	* 2.0739 *	* 2.5369 *	* 2.1917 *	* 2.8548 *	* 2.9560 *	* 6.4609 *
12	* 1.1192 *	* 1.5048 *	* 1.2638 *	* 1.4683 *	* 1.1749 *	* 1.2456 *	.7915 *	
	* 2.7296 *	* 2.0675 *	* 2.4803 *	* 2.1948 *	* 2.7933 *	* 2.6658 *	* 4.1850 *	
13	* 1.4576 *	* 1.2541 *	* 1.4266 *	* 1.1353 *	* 1.2456 *	* 1.1299 *	.5923 *	
	* 2.1181 *	* 2.4659 *	* 2.2114 *	* 2.8548 *	* 2.6643 *	* 2.9597 *	* 5.6096 *	
14	* 1.1192 *	* 1.3002 *	* 1.0956 *	* 1.0946 *	.7915 *	.5923 *		
	* 2.7587 *	* 2.3853 *	* 2.8636 *	* 2.9579 *	* 4.1850 *	* 5.6097 *		
15	* .9650 *	* .8300 *	* .5965 *	.4873 *	F-SUB-Q			
	* 3.2011 *	* 3.7304 *	* 5.2000 *	* 6.4697 *	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	* .6908 *	* .5826 *	* .5451 *	* .5869 *	* .7197 *	* .5612 *	* .4830 *	.3299 *
	* 4.3290 *	* 5.1324 *	* 5.4882 *	* 5.0876 *	* 4.1494 *	* 5.3316 *	* 6.2190 *	* 9.1042 *
9	* .5826 *	* .5580 *	* .5901 *	* .5462 *	* .5794 *	* .5376 *	* .4798 *	.3342 *
	* 5.1324 *	* 5.3683 *	* 5.0711 *	* 5.4818 *	* 5.1779 *	* 5.5934 *	* 6.2691 *	* 8.9990 *
10	* .5451 *	* .5901 *	* .7486 *	* .5837 *	* .5344 *	* .5366 *	* .4648 *	.3738 *
	* 5.4882 *	* 5.0711 *	* 3.9841 *	* 5.1779 *	* 5.6612 *	* 5.6818 *	* 6.5596 *	* 8.0862 *
11	* .5869 *	* .5451 *	* .5826 *	* .5419 *	* .5548 *	* .4969 *	* .3931 *	.3031 *
	* 5.0876 *	* 5.4818 *	* 5.1836 *	* 5.6338 *	* 5.6001 *	* 6.2607 *	* 7.9701 *	* 10.1609 *
12	* .7197 *	* .5794 *	* .5344 *	* .5537 *	* .5023 *	* .4584 *	* .3491 *	
	* 4.1494 *	* 5.1779 *	* 5.6680 *	* 5.6068 *	* 6.2859 *	* 7.0127 *	* 9.1758 *	
13	* .5612 *	* .5376 *	* .5366 *	* .4969 *	* .4584 *	* .4059 *	* .3727 *	
	* 5.3316 *	* 5.5934 *	* 5.6887 *	* 6.2607 *	* 7.0127 *	* 7.9837 *	* 8.6560 *	
14	* .4830 *	* .4798 *	* .4637 *	* .3931 *	* .3491 *	* .3727 *		
	* 6.2190 *	* 6.2691 *	* 6.5596 *	* 7.9701 *	* 9.1758 *	* 8.6562 *		
15	* .3299 *	* .3342 *	* .3738 *	.3020 *	F-SUB-Q			
	* 9.1042 *	* 8.9990 *	* 8.0858 *	* 10.1606 *	M-SUB-Q			

TABLE 3

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	* 3.9277	* 5.0987	* 4.9334	* 5.1245	* 3.9277	* 5.2938	* 5.2391	* 7.5159
	* 3.5935	* 4.4997	* 4.4545	* 4.5458	* 3.6441	* 4.7185	* 4.7987	* 6.6626
	* 3.2716	* 3.9401	* 4.0010	* 3.9958	* 3.3565	* 4.1563	* 4.3423	* 5.7817
	* 3.0601	* 3.5780	* 3.6962	* 3.6446	* 3.1371	* 3.7904	* 4.0293	* 5.1831
	* 2.5993	* 3.0032	* 3.2132	* 3.0941	* 2.7395	* 3.2492	* 3.5569	* 4.3745
9	* 5.0987	* 4.7193	* 5.0648	* 4.9255	* 5.1418	* 4.8625	* 5.8650	* 7.0137
	* 4.4997	* 4.2884	* 4.4367	* 4.4673	* 4.5793	* 4.4545	* 5.2093	* 6.3622
	* 3.9401	* 3.8713	* 3.9501	* 4.0217	* 4.0322	* 4.0322	* 4.5658	* 5.6864
	* 3.5780	* 3.5904	* 3.6029	* 3.7139	* 3.6787	* 3.7492	* 4.1412	* 5.2092
	* 3.0032	* 3.1593	* 3.0524	* 3.2589	* 3.1337	* 3.3124	* 3.5384	* 4.5023
10	* 4.9334	* 5.0564	* 3.6630	* 5.0480	* 4.8703	* 5.3402	* 5.3685	* 6.3948
	* 4.4545	* 4.4802	* 3.3895	* 4.4932	* 4.4609	* 4.7474	* 4.8971	* 5.7709
	* 4.0010	* 3.9451	* 3.1172	* 3.9602	* 4.0479	* 4.1675	* 4.4039	* 5.1065
	* 3.6962	* 3.6026	* 2.9479	* 3.6192	* 3.7444	* 3.7945	* 4.0603	* 4.6585
	* 3.2132	* 3.0499	* 2.5565	* 3.0848	* 3.2883	* 3.2418	* 3.5528	* 3.8513
11	* 5.1245	* 4.9255	* 5.0480	* 4.7193	* 5.1418	* 4.9414	* 6.4490	* 7.1120
	* 4.5458	* 4.4673	* 4.4932	* 4.3182	* 4.5658	* 4.5062	* 5.6760	* 6.3622
	* 3.9958	* 4.0217	* 3.9602	* 3.9152	* 4.0062	* 4.0745	* 4.9204	* 5.5942
	* 3.6446	* 3.7136	* 3.6192	* 3.6401	* 3.6399	* 3.7760	* 4.4151	* 5.0735
	* 3.0941	* 3.2589	* 3.0874	* 3.2240	* 3.0803	* 3.3059	* 3.7265	* 4.2421
12	* 3.9277	* 5.1418	* 4.8703	* 5.1331	* 5.0147	* 5.7980	* 6.3152	*
	* 3.6441	* 4.5793	* 4.4609	* 4.5658	* 4.5658	* 5.0898	* 5.6553	*
	* 3.3565	* 4.0322	* 4.0479	* 4.0062	* 4.0799	* 4.4102	* 5.0077	*
	* 3.1371	* 3.6746	* 3.7444	* 3.6439	* 3.7438	* 3.9470	* 4.5694	*
	* 2.7395	* 3.1337	* 3.2883	* 3.0829	* 3.2101	* 3.3142	* 3.9292	*
13	* 5.2938	* 4.8625	* 5.3402	* 4.9334	* 5.7980	* 6.3415	* 6.1246	*
	* 4.7185	* 4.4545	* 4.7474	* 4.4997	* 5.0898	* 5.5147	* 5.4184	*
	* 4.1563	* 4.0374	* 4.1675	* 4.0745	* 4.4102	* 4.7329	* 4.7329	*
	* 3.7904	* 3.7492	* 3.7945	* 3.7760	* 3.9470	* 4.2179	* 4.2760	*
	* 3.2492	* 3.3124	* 3.2418	* 3.2988	* 3.3142	* 3.5292	* 3.5712	*
14	* 5.2391	* 5.8650	* 5.3685	* 6.4490	* 6.3152	* 6.1246	*	*
	* 4.7987	* 5.2093	* 4.8971	* 5.6760	* 5.6553	* 5.4184	*	*
	* 4.3423	* 4.5658	* 4.4039	* 4.9204	* 5.0077	* 4.7329	*	*
	* 4.0293	* 4.1412	* 4.0603	* 4.4151	* 4.5694	* 4.2760	*	*
	* 3.5569	* 3.5384	* 3.5557	* 3.7265	* 3.9292	* 3.5712	*	*
15	* 7.5159	* 7.0137	* 6.4083	* 7.1286	* 4	EFPD 118 % POWER		
	* 6.6626	* 6.3622	* 5.7709	* 6.3622	* 100	EFPD 118 % POWER		
	* 5.7817	* 5.6864	* 5.1149	* 5.6043	* 200	EFPD 118 % POWER		
	* 5.1831	* 5.2092	* 4.6590	* 5.0740	* 300	EFPD 118 % POWER		
	* 4.3745	* 4.5023	* 3.8560	* 4.2470	* 450	EFPD 118 % POWER		

TABLE 3 (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	* 2.8771	* 2.1946	* 2.3307	* 2.2026	* 2.6937	* 2.2716	* 2.5687	* 2.8081
	* 2.6356	* 2.0253	* 2.1727	* 2.0386	* 2.5119	* 2.1092	* 2.4105	* 2.6334
	* 2.4199	* 1.8885	* 2.0319	* 1.9059	* 2.3415	* 1.9725	* 2.2531	* 2.4428
	* 2.2882	* 1.8189	* 1.9590	* 1.8393	* 2.2474	* 1.9030	* 2.1678	* 2.3413
	* 2.1126	* 1.7323	* 1.8496	* 1.7622	* 2.1298	* 1.8231	* 2.0674	* 2.2102
9	* 2.1946	* 2.3469	* 2.1994	* 2.3415	* 2.2010	* 2.4082	* 2.3744	* 3.1156
	* 2.0253	* 2.1834	* 2.0293	* 2.1880	* 2.0426	* 2.2597	* 2.2114	* 2.9373
	* 1.8885	* 2.0385	* 1.8932	* 2.0494	* 1.9130	* 2.1164	* 2.0602	* 2.7452
	* 1.8189	* 1.9614	* 1.8242	* 1.9763	* 1.8468	* 2.0406	* 1.9800	* 2.6372
	* 1.7323	* 1.8430	* 1.7417	* 1.8735	* 1.7705	* 1.9433	* 1.8885	* 2.4812
10	* 2.3307	* 2.1994	* 2.6819	* 2.1758	* 2.3148	* 2.2415	* 2.5884	* 4.1023
	* 2.1727	* 2.0293	* 2.5079	* 2.0200	* 2.1696	* 2.0823	* 2.4313	* 3.8002
	* 2.0319	* 1.8932	* 2.3274	* 1.8920	* 2.0346	* 1.9466	* 2.2746	* 3.4846
	* 1.9590	* 1.8242	* 2.2281	* 1.8272	* 1.9637	* 1.8765	* 2.1814	* 3.2813
	* 1.8496	* 1.7414	* 2.0974	* 1.7498	* 1.8675	* 1.7897	* 2.0629	* 3.0163
11	* 2.2026	* 2.3415	* 2.1773	* 2.3095	* 2.1789	* 2.4063	* 2.5136	* 4.6615
	* 2.0386	* 2.1865	* 2.0213	* 2.1606	* 2.0213	* 2.2482	* 2.3239	* 4.2884
	* 1.9059	* 2.0480	* 1.8932	* 2.0213	* 1.8885	* 2.0964	* 2.1442	* 3.8956
	* 1.8393	* 1.9763	* 1.8283	* 1.9477	* 1.8153	* 2.0154	* 2.0431	* 3.6441
	* 1.7622	* 1.8735	* 1.7508	* 1.8475	* 1.7258	* 1.9177	* 1.9292	* 3.3159
12	* 2.6937	* 2.2010	* 2.3148	* 2.1820	* 2.3523	* 2.3148	* 3.0716	
	* 2.5119	* 2.0426	* 2.1696	* 2.0240	* 2.1880	* 2.1324	* 2.8510	
	* 2.3415	* 1.9130	* 2.0346	* 1.8885	* 2.0319	* 1.9663	* 2.6356	
	* 2.2474	* 1.8468	* 1.9637	* 1.8153	* 1.9450	* 1.8751	* 2.5038	
	* 2.1298	* 1.7702	* 1.8675	* 1.7258	* 1.8329	* 1.7656	* 2.3263	
13	* 2.2716	* 2.4082	* 2.2415	* 2.4063	* 2.3130	* 2.4848	* 4.0210	
	* 2.1092	* 2.2597	* 2.0809	* 2.2482	* 2.1309	* 2.2729	* 3.6484	
	* 1.9725	* 2.1164	* 1.9466	* 2.0964	* 1.9650	* 2.0795	* 3.3029	
	* 1.9030	* 2.0406	* 1.8765	* 2.0154	* 1.8740	* 1.9682	* 3.0805	
	* 1.8231	* 1.9433	* 1.7897	* 1.9177	* 1.7646	* 1.8303	* 2.7920	
14	* 2.5687	* 2.3744	* 2.5884	* 2.5156	* 3.0716	* 4.0210		
	* 2.4105	* 2.2114	* 2.4332	* 2.3239	* 2.8510	* 3.6484		
	* 2.2531	* 2.0602	* 2.2746	* 2.1457	* 2.6356	* 3.3029		
	* 2.1678	* 1.9800	* 2.1814	* 2.0431	* 2.5038	* 3.0803		
	* 2.0674	* 1.8885	* 2.0639	* 1.9292	* 2.3268	* 2.7920		
15	* 2.8081	* 3.1156	* 4.1023	* 4.6615	* 4 EFPD	118 % POWER		
	* 2.6334	* 2.9373	* 3.8049	* 4.2884	* 100 EFPD	118 % POWER		
	* 2.4428	* 2.7452	* 3.4846	* 3.8956	* 200 EFPD	118 % POWER		
	* 2.3413	* 2.6372	* 3.2846	* 3.6481	* 300 EFPD	118 % POWER		
	* 2.2102	* 2.4812	* 3.0172	* 3.3159	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 2.4063	* 1.7646	* 1.9048	* 1.7677	* 2.1994	* 1.8184	* 2.0498	* 2.1451
	* 2.2515	* 1.6621	* 1.8167	* 1.6692	* 2.0964	* 1.7249	* 1.9725	* 2.0671
	* 2.1107	* 1.5889	* 1.7403	* 1.5996	* 1.9941	* 1.6541	* 1.8932	* 1.9763
	* 2.0311	* 1.5588	* 1.7096	* 1.5722	* 1.9443	* 1.6269	* 1.8622	* 1.9406
	* 1.9435	* 1.5518	* 1.6814	* 1.5690	* 1.9088	* 1.6245	* 1.8543	* 1.9170
9	* 1.7646	* 1.9265	* 1.7666	* 1.9072	* 1.7575	* 1.9450	* 1.8663	* 2.4727
	* 1.6621	* 1.8339	* 1.6648	* 1.8274	* 1.6656	* 1.8703	* 1.7772	* 2.3883
	* 1.5889	* 1.7531	* 1.5914	* 1.7541	* 1.5996	* 1.7947	* 1.7003	* 2.2947
	* 1.5588	* 1.7208	* 1.5612	* 1.7256	* 1.5737	* 1.7665	* 1.6694	* 2.2535
	* 1.5518	* 1.6851	* 1.5541	* 1.7012	* 1.5740	* 1.7557	* 1.6651	* 2.1981
10	* 1.9048	* 1.7666	* 2.2316	* 1.7285	* 1.8640	* 1.7759	* 2.0949	* 3.3122
	* 1.8167	* 1.6656	* 2.1324	* 1.6401	* 1.7916	* 1.6837	* 2.0070	* 3.1361
	* 1.7403	* 1.5922	* 2.0226	* 1.5768	* 1.7249	* 1.6145	* 1.9201	* 2.9429
	* 1.7096	* 1.5612	* 1.9614	* 1.5541	* 1.7010	* 1.5887	* 1.8709	* 2.8249
	* 1.6814	* 1.5541	* 1.9076	* 1.5548	* 1.6862	* 1.5840	* 1.8360	* 2.6930
11	* 1.7677	* 1.9072	* 1.7295	* 1.8561	* 1.7295	* 1.9168	* 1.9676	* 3.8097
	* 1.6692	* 1.8274	* 1.6410	* 1.7813	* 1.6375	* 1.8371	* 1.8547	* 3.5728
	* 1.5996	* 1.7541	* 1.5784	* 1.7125	* 1.5704	* 1.7631	* 1.7591	* 3.3242
	* 1.5722	* 1.7256	* 1.5548	* 1.6872	* 1.5454	* 1.7349	* 1.7178	* 3.1809
	* 1.5690	* 1.7012	* 1.5556	* 1.6707	* 1.5396	* 1.7226	* 1.6957	* 2.9910
12	* 2.1994	* 1.7575	* 1.8640	* 1.7295	* 1.8801	* 1.8119	* 2.4808	*
	* 2.0964	* 1.6656	* 1.7916	* 1.6375	* 1.7978	* 1.7069	* 2.3539	*
	* 1.9941	* 1.5996	* 1.7249	* 1.5712	* 1.7220	* 1.6213	* 2.2256	*
	* 1.9443	* 1.5737	* 1.7011	* 1.5455	* 1.6926	* 1.5837	* 2.1597	*
	* 1.9088	* 1.5740	* 1.6862	* 1.5401	* 1.6747	* 1.5686	* 2.0813	*
13	* 1.8184	* 1.9450	* 1.7759	* 1.9156	* 1.8108	* 1.9327	* 3.2075	*
	* 1.7249	* 1.8703	* 1.6837	* 1.8371	* 1.7059	* 1.8072	* 2.9682	*
	* 1.6541	* 1.7947	* 1.6145	* 1.7621	* 1.6204	* 1.7012	* 2.7549	*
	* 1.6269	* 1.7665	* 1.5888	* 1.7349	* 1.5829	* 1.6479	* 2.6276	*
	* 1.6245	* 1.7557	* 1.5840	* 1.7226	* 1.5680	* 1.6051	* 2.4719	*
14	* 2.0498	* 1.8663	* 2.0949	* 1.9676	* 2.4808	* 3.2075	*	*
	* 1.9725	* 1.7772	* 2.0083	* 1.8547	* 2.3539	* 2.9682	*	*
	* 1.8932	* 1.7003	* 1.9201	* 1.7591	* 2.2256	* 2.7549	*	*
	* 1.8622	* 1.6694	* 1.8709	* 1.7187	* 2.1597	* 2.6276	*	*
	* 1.8543	* 1.6651	* 1.8368	* 1.6957	* 2.0813	* 2.4705	*	*
15	* 2.1451	* 2.4727	* 3.3158	* 3.8097	* 4 EFPD	* 118 % POWER		
	* 2.0671	* 2.3883	* 3.1393	* 3.5769	* 100 EFPD	* 118 % POWER		
	* 1.9763	* 2.2947	* 2.9429	* 3.3242	* 200 EFPD	* 118 % POWER		
	* 1.9406	* 2.2535	* 2.8274	* 3.1839	* 300 EFPD	* 118 % POWER		
	* 1.9170	* 2.1977	* 2.6947	* 2.9910	* 450 EFPD	* 118 % POWER		

TABLE 3 (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	* 2.1512	* 1.5358	* 1.6836	* 1.5342	* 1.9400	* 1.5642	* 1.7822	* 1.8108
	* 2.0426	* 1.4659	* 1.6349	* 1.4694	* 1.8771	* 1.5079	* 1.7472	* 1.7833
	* 1.9417	* 1.4222	* 1.5881	* 1.4295	* 1.8125	* 1.4715	* 1.7069	* 1.7433
	* 1.8842	* 1.4124	* 1.5784	* 1.4221	* 1.7865	* 1.4673	* 1.7066	* 1.7427
	* 1.8434	* 1.4453	* 1.5956	* 1.4605	* 1.7986	* 1.5075	* 1.7474	* 1.7729

9	* 1.5358	* 1.7101	* 1.5335	* 1.6799	* 1.5167	* 1.6986	* 1.5554	* 2.1331
	* 1.4659	* 1.6550	* 1.4680	* 1.6367	* 1.4590	* 1.6603	* 1.5424	* 2.1064
	* 1.4222	* 1.6045	* 1.4249	* 1.5955	* 1.4242	* 1.6204	* 1.5028	* 2.0657
	* 1.4124	* 1.5904	* 1.4143	* 1.5904	* 1.4213	* 1.6192	* 1.4997	* 2.0577
	* 1.4453	* 1.6027	* 1.4472	* 1.6133	* 1.4646	* 1.6560	* 1.5459	* 2.0592

10	* 1.6836	* 1.5335	* 1.9856	* 1.4863	* 1.6295	* 1.5212	* 1.8184	* 2.9101
	* 1.6349	* 1.4687	* 1.9272	* 1.4334	* 1.5938	* 1.4659	* 1.7742	* 2.8021
	* 1.5881	* 1.4249	* 1.8603	* 1.4023	* 1.5610	* 1.4314	* 1.7230	* 2.6742
	* 1.5784	* 1.4149	* 1.8217	* 1.4016	* 1.5610	* 1.4297	* 1.6991	* 2.6058
	* 1.5956	* 1.4472	* 1.8079	* 1.4467	* 1.5951	* 1.4725	* 1.7161	* 2.5442

11	* 1.5342	* 1.6799	* 1.4885	* 1.6183	* 1.4798	* 1.6652	* 1.6799	* 3.3635
	* 1.4694	* 1.6367	* 1.4347	* 1.5816	* 1.4249	* 1.6264	* 1.6095	* 3.2140
	* 1.4295	* 1.5955	* 1.4030	* 1.5485	* 1.3929	* 1.5897	* 1.5539	* 3.0469
	* 1.4221	* 1.5904	* 1.4028	* 1.5478	* 1.3920	* 1.5886	* 1.5447	* 2.9636
	* 1.4605	* 1.6133	* 1.4479	* 1.5812	* 1.4342	* 1.6274	* 1.5731	* 2.8509

12	* 1.9400	* 1.5167	* 1.6295	* 1.4798	* 1.6321	* 1.5459	* 2.1650	*
	* 1.8771	* 1.4597	* 1.5946	* 1.4249	* 1.5906	* 1.4792	* 2.0893	*
	* 1.8125	* 1.4249	* 1.5610	* 1.3929	* 1.5532	* 1.4314	* 2.0148	*
	* 1.7865	* 1.4213	* 1.5610	* 1.3921	* 1.5515	* 1.4230	* 1.9843	*
	* 1.7986	* 1.4646	* 1.5951	* 1.4347	* 1.5863	* 1.4614	* 1.9641	*

13	* 1.5642	* 1.6986	* 1.5212	* 1.6652	* 1.5444	* 1.6304	* 2.7748	*
	* 1.5079	* 1.6603	* 1.4659	* 1.6264	* 1.4778	* 1.5485	* 2.6134	*
	* 1.4715	* 1.6213	* 1.4314	* 1.5897	* 1.4308	* 1.4877	* 2.4700	*
	* 1.4673	* 1.6192	* 1.4297	* 1.5886	* 1.4224	* 1.4670	* 2.3905	*
	* 1.5075	* 1.6561	* 1.4725	* 1.6274	* 1.4607	* 1.4801	* 2.3117	*

14	* 1.7822	* 1.5954	* 1.8194	* 1.6808	* 2.1634	* 2.7748	*	*
	* 1.7472	* 1.5424	* 1.7742	* 1.6095	* 2.0893	* 2.6112	*	*
	* 1.7069	* 1.5028	* 1.7230	* 1.5547	* 2.0148	* 2.4680	*	*
	* 1.7066	* 1.4997	* 1.6991	* 1.5447	* 1.9843	* 2.3905	*	*
	* 1.7474	* 1.5459	* 1.7161	* 1.5731	* 1.9641	* 2.3100	*	*

15	* 1.8108	* 2.1331	* 2.9123	* 3.3672	* 4 EFPD 118	* POWER		
	* 1.7833	* 2.1064	* 2.8047	* 3.2140	* 100 EFPD 118	* POWER		
	* 1.7433	* 2.0657	* 2.6742	* 3.0499	* 200 EFPD 118	* POWER		
	* 1.7427	* 2.0577	* 2.6080	* 2.9664	* 300 EFPD 118	* POWER		
	* 1.7729	* 2.0592	* 2.5442	* 2.8509	* 450 EFPD 118	* POWER		

TABLE 3 (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	* 2.0806	* 1.4571	* 1.6114	* 1.4530	* 1.8470	* 1.4698	* 1.6836	* 1.6873
	* 1.9979	* 1.4081	* 1.5865	* 1.4087	* 1.8125	* 1.4361	* 1.6764	* 1.6910
	* 1.9130	* 1.3793	* 1.5578	* 1.3836	* 1.7671	* 1.4177	* 1.6612	* 1.6819
	* 1.8670	* 1.3798	* 1.5576	* 1.3877	* 1.7570	* 1.4276	* 1.6779	* 1.7035
	* 1.8457	* 1.4363	* 1.6020	* 1.4508	* 1.7905	* 1.4884	* 1.7433	* 1.7640
9	* 1.4571	* 1.6409	* 1.4523	* 1.6029	* 1.4297	* 1.6088	* 1.4929	* 2.0119
	* 1.4081	* 1.6095	* 1.4087	* 1.5833	* 1.3935	* 1.5955	* 1.4645	* 2.0213
	* 1.3793	* 1.5752	* 1.3811	* 1.5602	* 1.3750	* 1.5768	* 1.4441	* 2.0109
	* 1.3798	* 1.5701	* 1.3816	* 1.5654	* 1.3740	* 1.5861	* 1.4582	* 2.0254
	* 1.4363	* 1.6101	* 1.4394	* 1.6171	* 1.4545	* 1.6480	* 1.5337	* 2.0604
10	* 1.6114	* 1.4523	* 1.9060	* 1.3989	* 1.5475	* 1.4284	* 1.7178	* 2.7798
	* 1.5865	* 1.4081	* 1.8715	* 1.3659	* 1.5363	* 1.3941	* 1.7003	* 2.7140
	* 1.5578	* 1.3817	* 1.8231	* 1.3523	* 1.5219	* 1.3787	* 1.6701	* 2.6245
	* 1.5576	* 1.3816	* 1.7942	* 1.3647	* 1.5332	* 1.3913	* 1.6635	* 2.5817
	* 1.6020	* 1.4394	* 1.8044	* 1.4375	* 1.5992	* 1.4625	* 1.7092	* 2.5664
11	* 1.4530	* 1.6029	* 1.4008	* 1.5366	* 1.3887	* 1.5780	* 1.5747	* 3.2245
	* 1.4087	* 1.5833	* 1.3677	* 1.5234	* 1.3540	* 1.5649	* 1.5302	* 3.1235
	* 1.3836	* 1.5610	* 1.3534	* 1.5086	* 1.3406	* 1.5485	* 1.4992	* 3.0085
	* 1.3877	* 1.5662	* 1.3658	* 1.5198	* 1.3540	* 1.5607	* 1.5058	* 2.9546
	* 1.4508	* 1.6029	* 1.4382	* 1.5870	* 1.4254	* 1.6311	* 1.5650	* 2.8896
12	* 1.8470	* 1.4304	* 1.5483	* 1.3887	* 1.5451	* 1.4474	* 2.0553	*
	* 1.8125	* 1.3941	* 1.5370	* 1.3546	* 1.5279	* 1.4030	* 2.0148	*
	* 1.7671	* 1.3756	* 1.5219	* 1.3406	* 1.5108	* 1.3750	* 1.9688	*
	* 1.7570	* 1.3846	* 1.5333	* 1.3540	* 1.5219	* 1.3839	* 1.9568	*
	* 1.7905	* 1.4545	* 1.6000	* 1.4256	* 1.5915	* 1.4529	* 1.9743	*
13	* 1.4698	* 1.6088	* 1.4284	* 1.5780	* 1.4460	* 1.5167	* 2.6218	*
	* 1.4361	* 1.5955	* 1.3941	* 1.5649	* 1.4017	* 1.4597	* 2.5038	*
	* 1.4177	* 1.5776	* 1.3787	* 1.5485	* 1.3744	* 1.4209	* 2.3994	*
	* 1.4276	* 1.5861	* 1.3913	* 1.5607	* 1.3827	* 1.4178	* 2.3471	*
	* 1.4884	* 1.6480	* 1.4625	* 1.6311	* 1.4524	* 1.4642	* 2.3125	*
14	* 1.6836	* 1.4929	* 1.7188	* 1.5755	* 2.0553	* 2.6218	*	*
	* 1.6764	* 1.4645	* 1.7003	* 1.5302	* 2.0148	* 2.5038	*	*
	* 1.6612	* 1.4441	* 1.6701	* 1.4992	* 1.9688	* 2.3994	*	*
	* 1.6779	* 1.4582	* 1.6636	* 1.5058	* 1.9568	* 2.3455	*	*
	* 1.7433	* 1.5337	* 1.7095	* 1.5652	* 1.9743	* 2.3112	*	*
15	* 1.6873	* 2.0119	* 2.7798	* 3.2279	* 4 EFPD	118 % POWER		
	* 1.6910	* 2.0213	* 2.7140	* 3.1267	* 100 EFPD	118 % POWER		
	* 1.6819	* 2.0109	* 2.6267	* 3.0085	* 200 EFPD	118 % POWER		
	* 1.7035	* 2.0254	* 2.5839	* 2.9548	* 300 EFPD	118 % POWER		
	* 1.7640	* 2.0604	* 2.5671	* 2.8923	* 450 EFPD	118 % POWER		

TABLE 3 (CONTINUED)

M-SUB-C VALUFS (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	* 2.0877	* 1.4502	* 1.6097	* 1.4419	* 1.8293	* 1.4495	* 1.6652	* 1.6579
	* 2.0279	* 1.4183	* 1.6037	* 1.4151	* 1.8178	* 1.4341	* 1.6810	* 1.6883
	* 1.9539	* 1.3998	* 1.5889	* 1.4017	* 1.7885	* 1.4295	* 1.6837	* 1.7012
	* 1.9132	* 1.4047	* 1.5944	* 1.4110	* 1.7886	* 1.4483	* 1.7123	* 1.7379
	* 1.9037	* 1.4680	* 1.6462	* 1.4813	* 1.8317	* 1.5190	* 1.7874	* 1.8030
9	* 1.4502	* 1.6427	* 1.4419	* 1.5954	* 1.4132	* 1.5928	* 1.4691	* 1.9908
	* 1.4183	* 1.6298	* 1.4151	* 1.5955	* 1.3960	* 1.6004	* 1.4604	* 2.0279
	* 1.3998	* 1.6070	* 1.4011	* 1.5865	* 1.3898	* 1.5971	* 1.4556	* 2.0426
	* 1.4047	* 1.6084	* 1.4066	* 1.6001	* 1.4060	* 1.6159	* 1.4798	* 2.0717
	* 1.4680	* 1.6568	* 1.4735	* 1.6594	* 1.4877	* 1.6874	* 1.5689	* 2.1121
10	* 1.6097	* 1.4419	* 1.9025	* 1.3842	* 1.5389	* 1.4105	* 1.7005	* 2.7647
	* 1.6037	* 1.4151	* 1.8908	* 1.3682	* 1.5470	* 1.3941	* 1.7040	* 2.7331
	* 1.5889	* 1.4011	* 1.8547	* 1.3665	* 1.5462	* 1.3923	* 1.6901	* 2.6719
	* 1.5944	* 1.4066	* 1.8314	* 1.3867	* 1.5665	* 1.4136	* 1.6946	* 2.6486
	* 1.6462	* 1.4728	* 1.8599	* 1.4779	* 1.6480	* 1.5043	* 1.7613	* 2.6582
11	* 1.4419	* 1.5962	* 1.3861	* 1.5265	* 1.3711	* 1.5658	* 1.5546	* 3.2211
	* 1.4151	* 1.5963	* 1.3695	* 1.5332	* 1.3546	* 1.5728	* 1.5302	* 3.1585
	* 1.4017	* 1.5873	* 1.3677	* 1.5325	* 1.3534	* 1.5720	* 1.5160	* 3.0740
	* 1.4110	* 1.6009	* 1.3873	* 1.5533	* 1.3751	* 1.5953	* 1.5349	* 3.0428
	* 1.4313	* 1.6594	* 1.4791	* 1.6399	* 1.4666	* 1.6871	* 1.6144	* 3.0097
12	* 1.8293	* 1.4138	* 1.5389	* 1.3711	* 1.5327	* 1.4291	* 2.0470	
	* 1.8178	* 1.3967	* 1.5477	* 1.3546	* 1.5355	* 1.4017	* 2.0306	
	* 1.7885	* 1.3904	* 1.5462	* 1.3534	* 1.5332	* 1.3885	* 2.0057	
	* 1.7886	* 1.4060	* 1.5673	* 1.3757	* 1.5548	* 1.4066	* 2.0065	
	* 1.8317	* 1.4877	* 1.6488	* 1.4673	* 1.6441	* 1.4965	* 2.0493	
13	* 1.4495	* 1.5937	* 1.4105	* 1.5658	* 1.4277	* 1.4921	* 2.6061	
	* 1.4341	* 1.6012	* 1.3941	* 1.5728	* 1.4011	* 1.4542	* 2.5181	
	* 1.4295	* 1.5971	* 1.3923	* 1.5720	* 1.3873	* 1.4314	* 2.4389	
	* 1.4483	* 1.6159	* 1.4136	* 1.5953	* 1.4060	* 1.4376	* 2.4025	
	* 1.5190	* 1.6874	* 1.5043	* 1.6871	* 1.4958	* 1.5045	* 2.3966	
14	* 1.6652	* 1.4691	* 1.7005	* 1.5554	* 2.0457	* 2.6039		
	* 1.6810	* 1.4604	* 1.7050	* 1.5302	* 2.0306	* 2.5181		
	* 1.6837	* 1.4556	* 1.6910	* 1.5160	* 2.0057	* 2.4389		
	* 1.7123	* 1.4798	* 1.6955	* 1.5349	* 2.0065	* 2.4025		
	* 1.7874	* 1.5689	* 1.7616	* 1.6144	* 2.0493	* 2.3966		
15	* 1.6579	* 1.9908	* 2.7647	* 3.2211	* 4 EFPD	118 % POWER		
	* 1.6883	* 2.0279	* 2.7355	* 3.1617	* 100 EFPD	118 % POWER		
	* 1.7012	* 2.0426	* 2.6742	* 3.0771	* 200 EFPD	118 % POWER		
	* 1.7379	* 2.0717	* 2.6509	* 3.0429	* 300 EFPD	118 % POWER		
	* 1.8030	* 2.1121	* 2.6605	* 3.0105	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 2.1619	* 1.4805	* 1.6471	* 1.4691	* 1.8629	* 1.4677	* 1.6873	* 1.6743
	* 2.1207	* 1.4645	* 1.6594	* 1.4583	* 1.8726	* 1.4708	* 1.7258	* 1.7297
	* 2.0548	* 1.4549	* 1.6550	* 1.4542	* 1.8569	* 1.4778	* 1.7452	* 1.7611
	* 2.0145	* 1.4644	* 1.6675	* 1.4685	* 1.8644	* 1.5032	* 1.7833	* 1.8083
	* 1.9941	* 1.5197	* 1.7153	* 1.5347	* 1.9059	* 1.5744	* 1.8591	* 1.8703
9	* 1.4805	* 1.6845	* 1.4691	* 1.6286	* 1.4324	* 1.6148	* 1.4841	* 2.0199
	* 1.4645	* 1.6892	* 1.4583	* 1.6471	* 1.4354	* 1.6445	* 1.4948	* 2.0865
	* 1.4549	* 1.6764	* 1.4535	* 1.6497	* 1.4394	* 1.6541	* 1.5035	* 2.1207
	* 1.4644	* 1.6828	* 1.4658	* 1.6694	* 1.4617	* 1.6820	* 1.5370	* 2.1591
	* 1.5197	* 1.7258	* 1.5287	* 1.7278	* 1.5424	* 1.7531	* 1.6196	* 2.1942
10	* 1.6471	* 1.4684	* 1.9512	* 1.4066	* 1.5682	* 1.4311	* 1.7266	* 2.8237
	* 1.6594	* 1.4576	* 1.9588	* 1.4074	* 1.5955	* 1.4321	* 1.7521	* 2.8277
	* 1.6550	* 1.4535	* 1.9344	* 1.4164	* 1.6070	* 1.4427	* 1.7521	* 2.7895
	* 1.6675	* 1.4658	* 1.9315	* 1.4429	* 1.6353	* 1.4714	* 1.7655	* 2.7771
	* 1.7153	* 1.5287	* 1.9381	* 1.5340	* 1.7144	* 1.5602	* 1.8306	* 2.7672
11	* 1.4691	* 1.6295	* 1.4086	* 1.5586	* 1.3944	* 1.5962	* 1.5772	* 3.3014
	* 1.4583	* 1.6480	* 1.4087	* 1.5833	* 1.3941	* 1.6230	* 1.5712	* 3.2785
	* 1.4542	* 1.6506	* 1.4177	* 1.5946	* 1.4042	* 1.6358	* 1.5712	* 3.2174
	* 1.4685	* 1.6702	* 1.4442	* 1.6235	* 1.4330	* 1.6668	* 1.5994	* 3.2002
	* 1.5347	* 1.7278	* 1.5347	* 1.7078	* 1.5332	* 1.7571	* 1.6932	* 3.1714
12	* 1.8629	* 1.4324	* 1.5690	* 1.3944	* 1.5658	* 1.4523	* 2.0935	*
	* 1.8726	* 1.4354	* 1.5963	* 1.3941	* 1.5865	* 1.4421	* 2.1021	*
	* 1.8569	* 1.4401	* 1.6079	* 1.4042	* 1.5971	* 1.4401	* 2.0922	*
	* 1.8644	* 1.4624	* 1.6362	* 1.4337	* 1.6270	* 1.4674	* 2.1015	*
	* 1.9059	* 1.5431	* 1.7153	* 1.5332	* 1.7182	* 1.5712	* 2.1561	*
13	* 1.4677	* 1.6157	* 1.4311	* 1.5962	* 1.4509	* 1.5151	* 2.6654	*
	* 1.4708	* 1.6445	* 1.4321	* 1.6230	* 1.4407	* 1.4934	* 2.6047	*
	* 1.4778	* 1.6541	* 1.4427	* 1.6358	* 1.4394	* 1.4827	* 2.5449	*
	* 1.5032	* 1.6820	* 1.4714	* 1.6668	* 1.4666	* 1.4969	* 2.5176	*
	* 1.5744	* 1.7541	* 1.5610	* 1.7571	* 1.5704	* 1.5770	* 2.5297	*
14	* 1.6873	* 1.4848	* 1.7275	* 1.5780	* 2.0935	* 2.6631	*	*
	* 1.7258	* 1.4948	* 1.7521	* 1.5712	* 2.1007	* 2.6047	*	*
	* 1.7452	* 1.5035	* 1.7521	* 1.5712	* 2.0922	* 2.5449	*	*
	* 1.7833	* 1.5370	* 1.7664	* 1.5994	* 2.1015	* 2.5176	*	*
	* 1.8591	* 1.6204	* 1.8306	* 1.6932	* 2.1576	* 2.5297	*	*
15	* 1.6743	* 2.0212	* 2.8263	* 3.3050	* 4 EFPD 118 % POWER			
	* 1.7297	* 2.0865	* 2.8302	* 3.2785	* 100 EFPD 118 % POWER			
	* 1.7611	* 2.1207	* 2.7895	* 3.2207	* 200 EFPD 118 % POWER			
	* 1.8083	* 2.1606	* 2.7796	* 3.2033	* 300 EFPD 118 % POWER			
	* 1.8703	* 2.1942	* 2.7696	* 3.1714	* 450 EFPD 118 % POWER			

TABLE 3 (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	* 2.2300	* 1.5024	* 1.6743	* 1.4863	* 1.8836	* 1.4776	* 1.6996	* 1.6753
	* 2.2129	* 1.5028	* 1.7069	* 1.4920	* 1.9165	* 1.4984	* 1.7611	* 1.7551
	* 2.1546	* 1.5021	* 1.7134	* 1.4977	* 1.9153	* 1.5175	* 1.7978	* 1.8051
	* 2.1021	* 1.5116	* 1.7268	* 1.5130	* 1.9236	* 1.5447	* 1.8361	* 1.8547
	* 2.0671	* 1.5602	* 1.7742	* 1.5712	* 1.9650	* 1.5996	* 1.9095	* 1.9153
9	* 1.5024	* 1.7159	* 1.4863	* 1.6507	* 1.4426	* 1.6252	* 1.4907	* 2.0347
	* 1.5028	* 1.7413	* 1.4920	* 1.6901	* 1.4638	* 1.6783	* 1.5190	* 2.1309
	* 1.5021	* 1.7394	* 1.4977	* 1.7050	* 1.4806	* 1.7031	* 1.5408	* 2.1849
	* 1.5116	* 1.7443	* 1.5123	* 1.7268	* 1.5057	* 1.7326	* 1.5760	* 2.2240
	* 1.5602	* 1.7864	* 1.5696	* 1.7864	* 1.5784	* 1.8051	* 1.6568	* 2.2515
10	* 1.6743	* 1.4863	* 1.9869	* 1.4211	* 1.5895	* 1.4426	* 1.7414	* 2.8582
	* 1.7069	* 1.4920	* 2.0187	* 1.4387	* 1.6375	* 1.4624	* 1.7885	* 2.8962
	* 1.7134	* 1.4970	* 2.0044	* 1.4583	* 1.6612	* 1.4834	* 1.8020	* 2.8801
	* 1.7268	* 1.5123	* 1.9813	* 1.4891	* 1.6947	* 1.5145	* 1.8178	* 2.8642
	* 1.7742	* 1.5696	* 1.9915	* 1.5720	* 1.7711	* 1.5996	* 1.8726	* 2.8432
11	* 1.4863	* 1.6516	* 1.4231	* 1.5813	* 1.4118	* 1.6165	* 1.5887	* 3.3487
	* 1.4920	* 1.6510	* 1.4401	* 1.6264	* 1.4281	* 1.6639	* 1.6012	* 3.3674
	* 1.4977	* 1.7059	* 1.4597	* 1.6506	* 1.4495	* 1.6910	* 1.6145	* 3.3349
	* 1.5130	* 1.7278	* 1.4905	* 1.6865	* 1.4855	* 1.7306	* 1.6488	* 3.3171
	* 1.5712	* 1.7854	* 1.5728	* 1.7661	* 1.5696	* 1.8146	* 1.7355	* 3.2579
12	* 1.8836	* 1.4433	* 1.5904	* 1.4118	* 1.5937	* 1.4705	* 2.1286	*
	* 1.9165	* 1.4638	* 1.6375	* 1.4281	* 1.6349	* 1.4756	* 2.1636	*
	* 1.9153	* 1.4813	* 1.6621	* 1.4495	* 1.6585	* 1.4862	* 2.1666	*
	* 1.9236	* 1.5057	* 1.6957	* 1.4855	* 1.6975	* 1.5214	* 2.1849	*
	* 1.9650	* 1.5784	* 1.7711	* 1.5704	* 1.7813	* 1.6204	* 2.2288	*
13	* 1.4776	* 1.6260	* 1.4433	* 1.6165	* 1.4691	* 1.5296	* 2.7057	*
	* 1.4984	* 1.6783	* 1.4624	* 1.6639	* 1.4749	* 1.5242	* 2.6719	*
	* 1.5175	* 1.7031	* 1.4841	* 1.6910	* 1.4848	* 1.5257	* 2.6312	*
	* 1.5447	* 1.7335	* 1.5145	* 1.7306	* 1.5206	* 1.5479	* 2.6149	*
	* 1.5996	* 1.8051	* 1.6004	* 1.8146	* 1.6204	* 1.6379	* 2.6362	*
14	* 1.6996	* 1.4907	* 1.7424	* 1.5895	* 2.1286	* 2.7033	*	*
	* 1.7611	* 1.5190	* 1.7895	* 1.6012	* 2.1621	* 2.6719	*	*
	* 1.7978	* 1.5408	* 1.8030	* 1.6154	* 2.1666	* 2.6312	*	*
	* 1.8361	* 1.5760	* 1.8188	* 1.6488	* 2.1849	* 2.6149	*	*
	* 1.9095	* 1.6568	* 1.8726	* 1.7355	* 2.2288	* 2.6340	*	*
15	* 1.6753	* 2.0361	* 2.8582	* 3.3523	* 4 EFPD	118 % POWER		
	* 1.7551	* 2.1309	* 2.8962	* 3.3674	* 100 EFPD	118 % POWER		
	* 1.8051	* 2.1849	* 2.8828	* 3.3385	* 200 EFPD	118 % POWER		
	* 1.8547	* 2.2240	* 2.8695	* 3.3206	* 300 EFPD	118 % POWER		
	* 1.9153	* 2.2515	* 2.8432	* 3.2579	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 2.3165	* 1.5690	* 1.7494	* 1.5475	* 1.9563	* 1.5312	* 1.7605	* 1.7266
	* 2.3362	* 1.5865	* 1.8030	* 1.5712	* 2.0122	* 1.5704	* 1.8448	* 1.8317
	* 2.2998	* 1.5946	* 1.8210	* 1.5865	* 2.0240	* 1.6004	* 1.8966	* 1.8966
	* 2.2433	* 1.6045	* 1.8350	* 1.6029	* 2.0372	* 1.6324	* 1.9429	* 1.9551
	* 2.1834	* 1.6488	* 1.8840	* 1.6497	* 2.0698	* 1.6755	* 2.0096	* 2.0122
9	* 1.5690	* 1.7958	* 1.5483	* 1.7207	* 1.4965	* 1.6827	* 1.5405	* 2.1051
	* 1.5865	* 1.8426	* 1.5720	* 1.7823	* 1.5363	* 1.7571	* 1.5881	* 2.2288
	* 1.5946	* 1.8503	* 1.5857	* 1.8083	* 1.5665	* 1.7978	* 1.6221	* 2.2998
	* 1.6045	* 1.8558	* 1.6020	* 1.8328	* 1.5930	* 1.8339	* 1.6639	* 2.3485
	* 1.6488	* 1.8966	* 1.6506	* 1.8932	* 1.6541	* 1.9001	* 1.7403	* 2.3701
10	* 1.7494	* 1.5483	* 2.0792	* 1.4798	* 1.6579	* 1.4965	* 1.8076	* 2.9668
	* 1.8030	* 1.5712	* 2.1353	* 1.5153	* 1.7268	* 1.5347	* 1.8771	* 3.0379
	* 1.8210	* 1.5857	* 2.1309	* 1.5454	* 1.7641	* 1.5673	* 1.9036	* 3.0379
	* 1.8350	* 1.6020	* 2.1064	* 1.5776	* 1.7988	* 1.6012	* 1.9236	* 3.0320
	* 1.8840	* 1.6506	* 2.1007	* 1.6488	* 1.8760	* 1.6810	* 1.9688	* 2.9911
11	* 1.5475	* 1.7217	* 1.4820	* 1.6525	* 1.4726	* 1.6864	* 1.6507	* 3.4907
	* 1.5712	* 1.7823	* 1.5167	* 1.7191	* 1.5072	* 1.7561	* 1.6819	* 3.5443
	* 1.5865	* 1.8093	* 1.5470	* 1.7561	* 1.5393	* 1.7967	* 1.7078	* 3.5362
	* 1.6029	* 1.8328	* 1.5784	* 1.7916	* 1.5744	* 1.8361	* 1.7443	* 3.5241
	* 1.6497	* 1.8932	* 1.6497	* 1.8726	* 1.6497	* 1.9213	* 1.8188	* 3.4269
12	* 1.9563	* 1.4973	* 1.6588	* 1.4733	* 1.6679	* 1.5335	* 2.2284	*
	* 2.0122	* 1.5363	* 1.7278	* 1.5072	* 1.7306	* 1.5563	* 2.2880	*
	* 2.0240	* 1.5673	* 1.7651	* 1.5393	* 1.7671	* 1.5784	* 2.3032	*
	* 2.0372	* 1.5938	* 1.7999	* 1.5752	* 1.8051	* 1.6137	* 2.3187	*
	* 2.0698	* 1.6541	* 1.8771	* 1.6506	* 1.8897	* 1.7125	* 2.3610	*
13	* 1.5312	* 1.6836	* 1.4973	* 1.6864	* 1.5319	* 1.5954	* 2.8316	*
	* 1.5704	* 1.7571	* 1.5355	* 1.7561	* 1.5555	* 1.6062	* 2.8277	*
	* 1.6004	* 1.7988	* 1.5673	* 1.7967	* 1.5776	* 1.6188	* 2.8021	*
	* 1.6324	* 1.8339	* 1.6012	* 1.8361	* 1.6120	* 1.6401	* 2.7771	*
	* 1.6755	* 1.9001	* 1.6810	* 1.9213	* 1.7116	* 1.7182	* 2.7647	*
14	* 1.7605	* 1.5405	* 1.8076	* 1.6507	* 2.2284	* 2.8316	*	*
	* 1.8448	* 1.5881	* 1.8771	* 1.6819	* 2.2880	* 2.8277	*	*
	* 1.8966	* 1.6221	* 1.9036	* 1.7078	* 2.3032	* 2.7996	*	*
	* 1.9429	* 1.6639	* 1.9236	* 1.7443	* 2.3187	* 2.7771	*	*
	* 2.0096	* 1.7403	* 1.9688	* 1.8188	* 2.3610	* 2.7647	*	*
15	* 1.7266	* 2.1051	* 2.9697	* 3.4948	* 4 EFPD	118 % POWER		
	* 1.8317	* 2.2288	* 3.0409	* 3.5483	* 100 EFPD	118 % POWER		
	* 1.8966	* 2.2998	* 3.0439	* 3.5362	* 200 EFPD	118 % POWER		
	* 1.9551	* 2.3485	* 3.0379	* 3.5241	* 300 EFPD	118 % POWER		
	* 2.0122	* 2.3701	* 2.9911	* 3.4307	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 2.4747	* 1.6817	* 1.8720	* 1.6552	* 2.0863	* 1.6295	* 1.8697	* 1.8370
	* 2.5201	* 1.7182	* 1.9490	* 1.6985	* 2.1681	* 1.6892	* 1.9788	* 1.9663
	* 2.4938	* 1.7345	* 1.9763	* 1.7220	* 2.1911	* 1.7306	* 2.0453	* 2.0507
	* 2.4544	* 1.7502	* 1.9979	* 1.7452	* 2.2114	* 1.7711	* 2.1021	* 2.1222
	* 2.4012	* 1.7978	* 2.0548	* 1.7957	* 2.2564	* 1.8178	* 2.1788	* 2.1834
9	* 1.6817	* 1.9253	* 1.6561	* 1.8403	* 1.5970	* 1.7884	* 1.6365	* 2.2382
	* 1.7182	* 1.9941	* 1.6994	* 1.9248	* 1.6709	* 1.8862	* 1.7050	* 2.3920
	* 1.7345	* 2.0122	* 1.7220	* 1.9626	* 1.7002	* 1.9405	* 1.7521	* 2.4838
	* 1.7502	* 2.0240	* 1.7452	* 1.9954	* 1.7155	* 1.9890	* 1.8030	* 2.5449
	* 1.7978	* 2.0712	* 1.8020	* 2.0616	* 1.8020	* 2.0643	* 1.8885	* 2.5680
10	* 1.8720	* 1.6552	* 2.2349	* 1.5854	* 1.7759	* 1.5970	* 1.9253	* 3.1741
	* 1.9490	* 1.6994	* 2.3153	* 1.6419	* 1.8692	* 1.6559	* 2.0200	* 3.2820
	* 1.9763	* 1.7220	* 2.3222	* 1.6828	* 1.9189	* 1.6994	* 2.0589	* 3.2994
	* 1.9979	* 1.7452	* 2.3032	* 1.7230	* 1.9626	* 1.7423	* 2.0893	* 3.3029
	* 2.0548	* 1.8020	* 2.3015	* 1.7967	* 2.0466	* 1.8253	* 2.1368	* 3.2613
11	* 1.6552	* 1.8403	* 1.5879	* 1.7749	* 1.5829	* 1.8097	* 1.7677	* 3.7579
	* 1.6985	* 1.9248	* 1.6436	* 1.8658	* 1.6367	* 1.9024	* 1.8199	* 3.8425
	* 1.7220	* 1.9626	* 1.6846	* 1.9153	* 1.6810	* 1.9564	* 1.8569	* 3.8473
	* 1.7452	* 1.9954	* 1.7239	* 1.9601	* 1.7220	* 2.0070	* 1.9024	* 3.8425
	* 1.7957	* 2.0616	* 1.7967	* 2.0466	* 1.7947	* 2.0922	* 1.9713	* 3.7362
12	* 2.0863	* 1.5970	* 1.7770	* 1.5829	* 1.7948	* 1.6498	* 2.3968	*
	* 2.1681	* 1.6568	* 1.8703	* 1.6375	* 1.8805	* 1.6920	* 2.4818	*
	* 2.1911	* 1.7012	* 1.9201	* 1.6810	* 1.9308	* 1.7249	* 2.5140	*
	* 2.2114	* 1.7355	* 1.9638	* 1.7239	* 1.9788	* 1.7691	* 2.5386	*
	* 2.2564	* 1.8020	* 2.0480	* 1.7957	* 2.0671	* 1.8558	* 2.5596	*
13	* 1.6295	* 1.7884	* 1.5979	* 1.8097	* 1.6480	* 1.7188	* 3.0592	*
	* 1.6892	* 1.8874	* 1.6559	* 1.9024	* 1.6910	* 1.7472	* 3.0832	*
	* 1.7306	* 1.9417	* 1.7003	* 1.9564	* 1.7239	* 1.7711	* 3.0680	*
	* 1.7711	* 1.9890	* 1.7423	* 2.0070	* 1.7681	* 1.7988	* 3.0529	*
	* 1.8178	* 2.0643	* 1.8263	* 2.0922	* 1.8547	* 1.8591	* 2.9969	*
14	* 1.8697	* 1.6365	* 1.9265	* 1.7677	* 2.3968	* 3.0592	*	*
	* 1.9788	* 1.7059	* 2.0200	* 1.8199	* 2.4818	* 3.0801	*	*
	* 2.0453	* 1.7521	* 2.0602	* 1.8580	* 2.5140	* 3.0680	*	*
	* 2.1021	* 1.8030	* 2.0893	* 1.9024	* 2.5386	* 3.0529	*	*
	* 2.1788	* 1.8885	* 2.1383	* 1.9713	* 2.5596	* 2.9969	*	*
15	* 1.8370	* 2.2382	* 3.1774	* 3.7579	* 4 EFPD 118	* POWER		
	* 1.9663	* 2.3920	* 3.2820	* 3.8473	* 100 EFPD 118	* POWER		
	* 2.0507	* 2.4838	* 3.2994	* 3.8473	* 200 EFPD 118	* POWER		
	* 2.1222	* 2.5449	* 3.3100	* 3.8473	* 300 EFPD 118	* POWER		
	* 2.1834	* 2.5680	* 3.2613	* 3.7407	* 450 EFPD 118	* POWER		

TABLE 3 (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	* 2.5074	* 1.7246	* 1.9072	* 1.6930	* 2.1257	* 1.6561	* 1.9025	* 1.8515
	* 2.5744	* 1.7792	* 2.0044	* 1.7541	* 2.2320	* 1.7355	* 2.0359	* 2.0031
	* 2.5499	* 1.8093	* 2.0507	* 1.7916	* 2.2746	* 1.7926	* 2.1207	* 2.1064
	* 2.5491	* 1.8361	* 2.0879	* 1.8274	* 2.3101	* 1.8448	* 2.1926	* 2.1926
	* 2.5407	* 1.8828	* 2.1727	* 1.8794	* 2.1628	* 1.8920	* 2.2829	* 2.2663
9	* 1.7246	* 1.9500	* 1.6939	* 1.8895	* 1.6304	* 1.8194	* 1.6597	* 2.2716
	* 1.7792	* 2.0413	* 1.7551	* 1.9954	* 1.7078	* 1.9393	* 1.7462	* 2.4544
	* 1.8093	* 2.0809	* 1.7926	* 2.0480	* 1.7671	* 2.0122	* 1.8072	* 2.5659
	* 1.8361	* 2.1107	* 1.8274	* 2.0922	* 1.8167	* 2.0754	* 1.8715	* 2.6424
	* 1.8828	* 2.1895	* 1.8851	* 2.1773	* 1.8840	* 2.1666	* 1.9700	* 2.6765
10	* 1.9072	* 1.6939	* 2.3008	* 1.6243	* 1.8271	* 1.6304	* 1.9664	* 3.2177
	* 2.0044	* 1.7541	* 2.3828	* 1.6985	* 1.9429	* 1.7069	* 2.0823	* 3.3601
	* 2.0507	* 1.7916	* 2.3994	* 1.7531	* 2.0096	* 1.7651	* 2.1397	* 3.4006
	* 2.0879	* 1.8263	* 2.4049	* 1.8051	* 2.0671	* 1.8199	* 2.1818	* 3.4231
	* 2.1727	* 1.8851	* 2.4275	* 1.8805	* 2.1576	* 1.9095	* 2.2401	* 3.3895
11	* 1.6930	* 1.8895	* 1.6269	* 1.8249	* 1.6191	* 1.8572	* 1.8033	* 3.8288
	* 1.7541	* 1.9954	* 1.7003	* 1.9381	* 1.6910	* 1.9725	* 1.8737	* 3.9602
	* 1.7916	* 2.0494	* 1.7551	* 2.0044	* 1.7492	* 2.0440	* 1.9272	* 3.9907
	* 1.8274	* 2.0936	* 1.8072	* 2.0643	* 1.8040	* 2.1078	* 1.9851	* 4.0113
	* 1.8794	* 2.1757	* 1.8817	* 2.1561	* 1.8783	* 2.2035	* 2.0671	* 3.9054
12	* 2.1257	* 1.6304	* 1.8271	* 1.6200	* 1.8426	* 1.6855	* 2.4647	*
	* 2.2320	* 1.7078	* 1.9441	* 1.6920	* 1.9515	* 1.7443	* 2.5766	*
	* 2.2746	* 1.7671	* 2.0109	* 1.7492	* 2.0174	* 1.7916	* 2.6201	*
	* 2.3101	* 1.8167	* 2.0685	* 1.8051	* 2.0795	* 1.8481	* 2.6582	*
	* 2.3628	* 1.8840	* 2.1576	* 1.8794	* 2.1757	* 1.9490	* 2.6904	*
13	* 1.6561	* 1.8205	* 1.6304	* 1.8572	* 1.6836	* 1.7524	* 3.1316	*
	* 1.7355	* 1.9405	* 1.7069	* 1.9725	* 1.7433	* 1.7978	* 3.1811	*
	* 1.7926	* 2.0122	* 1.7661	* 2.0440	* 1.7895	* 1.8339	* 3.1876	*
	* 1.8448	* 2.0768	* 1.8210	* 2.1078	* 1.8470	* 1.8737	* 3.1844	*
	* 1.8920	* 2.1666	* 1.9095	* 2.2035	* 1.9478	* 1.9417	* 3.1361	*
14	* 1.9025	* 1.6606	* 1.9664	* 1.8033	* 2.4647	* 3.1284	*	*
	* 2.0359	* 1.7462	* 2.0837	* 1.8749	* 2.5766	* 3.1811	*	*
	* 2.1207	* 1.8072	* 2.1397	* 1.9272	* 2.6201	* 3.1844	*	*
	* 2.1926	* 1.8715	* 2.1834	* 1.9851	* 2.6582	* 3.1811	*	*
	* 2.2829	* 1.9700	* 2.2417	* 2.0671	* 2.6904	* 3.1361	*	*
15	* 1.8515	* 2.2716	* 3.2211	* 3.8288	* 4 EFPD 118 % POWER			
	* 2.0031	* 2.4544	* 3.3601	* 3.9602	* 100 EFPD 118 % POWER			
	* 2.1064	* 2.5659	* 3.4081	* 3.9958	* 200 EFPD 118 % POWER			
	* 2.1926	* 2.6424	* 3.4269	* 4.0113	* 300 EFPD 118 % POWER			
	* 2.2663	* 2.6765	* 3.3932	* 3.9054	* 450 EFPD 118 % POWER			

TABLE 3 (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	* 2.6017	* 1.7937	* 1.9676	* 1.7739	* 2.1994	* 1.7246	* 1.9856	* 1.9241
	* 2.6928	* 1.8625	* 2.0865	* 1.8481	* 2.3257	* 1.8296	* 2.1442	* 2.1007
	* 2.7092	* 1.9001	* 2.1546	* 1.8920	* 2.3920	* 1.9013	* 2.2482	* 2.2240
	* 2.7116	* 1.9405	* 2.2129	* 1.9368	* 2.4447	* 1.9588	* 2.3362	* 2.3274
	* 2.7116	* 2.0187	* 2.3362	* 2.0083	* 2.5324	* 2.0226	* 2.4351	* 2.4180
9	* 1.7937	* 2.0132	* 1.7739	* 1.9500	* 1.7034	* 1.8989	* 1.7295	* 2.3688
	* 1.8625	* 2.1251	* 1.8492	* 2.0754	* 1.8009	* 2.0426	* 1.8350	* 2.5809
	* 1.9001	* 2.1865	* 1.8908	* 2.1501	* 1.8760	* 2.1324	* 1.9130	* 2.7140
	* 1.9405	* 2.2385	* 1.9356	* 2.2145	* 1.9344	* 2.2098	* 1.9915	* 2.8072
	* 2.0187	* 2.3557	* 2.0174	* 2.3362	* 2.0122	* 2.3153	* 2.1064	* 2.8589
10	* 1.9676	* 1.7739	* 2.3799	* 1.7005	* 1.9096	* 1.7034	* 2.0553	* 3.3709
	* 2.0865	* 1.8492	* 2.4838	* 1.7936	* 2.0399	* 1.7999	* 2.1957	* 3.5443
	* 2.1546	* 1.8908	* 2.5242	* 1.8636	* 2.1222	* 1.8726	* 2.2696	* 3.6144
	* 2.2129	* 1.9356	* 2.5491	* 1.9296	* 2.1926	* 1.9429	* 2.3274	* 3.6527
	* 2.3362	* 2.0174	* 2.6223	* 2.0122	* 2.3153	* 2.0386	* 2.4031	* 3.6356
11	* 1.7739	* 1.9512	* 1.7034	* 1.9156	* 1.6977	* 1.9487	* 1.8825	* 4.0104
	* 1.8481	* 2.0768	* 1.7967	* 2.0426	* 1.7895	* 2.0879	* 1.9725	* 4.1787
	* 1.8920	* 2.1516	* 1.8658	* 2.1236	* 1.8625	* 2.1757	* 2.0413	* 4.2299
	* 1.9368	* 2.2145	* 1.9308	* 2.1957	* 1.9296	* 2.2531	* 2.1135	* 4.2707
	* 2.0083	* 2.3362	* 2.0135	* 2.3187	* 2.0122	* 2.3646	* 2.2114	* 4.1843
12	* 2.1994	* 1.7043	* 1.9108	* 1.6986	* 1.9376	* 1.7666	* 2.5884	
	* 2.3257	* 1.8009	* 2.0413	* 1.7895	* 2.0698	* 1.8459	* 2.7283	
	* 2.3920	* 1.8760	* 2.1222	* 1.8625	* 2.1531	* 1.9071	* 2.7895	
	* 2.4447	* 1.9344	* 2.1942	* 1.9320	* 2.2272	* 1.9776	* 2.8432	
	* 2.5324	* 2.0122	* 2.3153	* 2.0135	* 2.3432	* 2.0936	* 2.8908	
13	* 1.7246	* 1.8989	* 1.7043	* 1.9475	* 1.7656	* 1.8381	* 3.2907	
	* 1.8296	* 2.0440	* 1.7999	* 2.0879	* 1.8437	* 1.9024	* 3.3711	
	* 1.9013	* 2.1324	* 1.8737	* 2.1757	* 1.9059	* 1.9527	* 3.3969	
	* 1.9588	* 2.2098	* 1.9429	* 2.2531	* 1.9776	* 2.0057	* 3.4081	
	* 2.0226	* 2.3170	* 2.0386	* 2.3646	* 2.0922	* 2.0865	* 3.3711	
14	* 1.9856	* 1.7295	* 2.0553	* 1.8825	* 2.5884	* 3.2872		
	* 2.1442	* 1.8361	* 2.1973	* 1.9738	* 2.7307	* 3.3711		
	* 2.2482	* 1.9130	* 2.2712	* 2.0413	* 2.7895	* 3.3932		
	* 2.3362	* 1.9915	* 2.3292	* 2.1150	* 2.8432	* 3.4081		
	* 2.4351	* 2.1064	* 2.4031	* 2.2114	* 2.8908	* 3.3711		
15	* 1.9241	* 2.3688	* 3.3746	* 4.0104	* 4 EFPD	118 % POWER		
	* 2.1007	* 2.5809	* 3.5483	* 4.1787	* 100 EFPD	118 % POWER		
	* 2.2240	* 2.7140	* 3.6186	* 4.2299	* 200 EFPD	118 % POWER		
	* 2.3274	* 2.8072	* 3.6613	* 4.2707	* 300 EFPD	118 % POWER		
	* 2.4180	* 2.8589	* 3.6356	* 4.1843	* 450 EFPD	118 % POWER		

Catawba 2 Cycle 10 Core Operating Limits Report

TABLE 3 (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	* 2.7057	* 1.8617	* 2.0361	* 1.8326	* 2.2699	* 1.8086	* 2.0567	* 2.0172
	* 2.7721	* 1.9165	* 2.1383	* 1.8966	* 2.3846	* 1.8920	* 2.2082	* 2.1942
	* 2.7921	* 1.9478	* 2.2051	* 1.9381	* 2.4582	* 1.9564	* 2.3222	* 2.3468
	* 2.7921	* 1.9966	* 2.2729	* 1.9954	* 2.5304	* 2.0332	* 2.4409	* 2.4938
	* 2.8828	* 2.1576	* 2.4838	* 2.1576	* 2.7187	* 2.1926	* 2.6356	* 2.6334
9	* 1.8617	* 2.0920	* 1.8337	* 2.0092	* 1.7822	* 1.9550	* 1.8227	* 2.5053
	* 1.9165	* 2.1849	* 1.8966	* 2.1236	* 1.8658	* 2.0879	* 1.9201	* 2.7187
	* 1.9478	* 2.2401	* 1.9381	* 2.2020	* 1.9284	* 2.1895	* 2.0044	* 2.8721
	* 1.9966	* 2.2998	* 1.9941	* 2.2812	* 1.9992	* 2.2913	* 2.1049	* 3.0056
	* 2.1576	* 2.5018	* 2.1591	* 2.4938	* 2.1712	* 2.4978	* 2.2796	* 3.1110
10	* 2.0361	* 1.8337	* 2.4828	* 1.7749	* 1.9588	* 1.7822	* 2.1376	* 3.5477
	* 2.1383	* 1.8966	* 2.5638	* 1.8536	* 2.0837	* 1.8647	* 2.2696	* 3.7543
	* 2.2051	* 1.9381	* 2.5916	* 1.9225	* 2.1742	* 1.9393	* 2.3701	* 3.8283
	* 2.2729	* 1.9941	* 2.6245	* 1.9992	* 2.2679	* 2.0213	* 2.4582	* 3.9103
	* 2.4838	* 2.1551	* 2.7696	* 2.1696	* 2.4858	* 2.2114	* 2.6047	* 3.9501
11	* 1.8326	* 2.0105	* 1.7780	* 1.9651	* 1.7739	* 2.0172	* 1.9973	* 4.1927
	* 1.8966	* 2.1251	* 1.8569	* 2.0851	* 1.8536	* 2.1427	* 2.0768	* 4.3853
	* 1.9381	* 2.2035	* 1.9236	* 2.1773	* 1.9225	* 2.2417	* 2.1516	* 4.4737
	* 1.9954	* 2.2812	* 2.0005	* 2.2712	* 1.9992	* 2.3503	* 2.2515	* 4.5524
	* 2.1576	* 2.4918	* 2.1696	* 2.4918	* 2.1788	* 2.5638	* 2.4012	* 4.5458
12	* 2.2699	* 1.7822	* 1.9600	* 1.7780	* 2.0000	* 1.8686	* 2.7423	*
	* 2.3846	* 1.8670	* 2.0851	* 1.8558	* 2.1164	* 1.9332	* 2.8668	*
	* 2.4582	* 1.9296	* 2.1757	* 1.9236	* 2.2114	* 2.0005	* 2.9318	*
	* 2.5304	* 2.0005	* 2.2679	* 2.0018	* 2.3153	* 2.0922	* 3.0261	*
	* 2.7187	* 2.1712	* 2.4858	* 2.1788	* 2.5324	* 2.2696	* 3.1267	*
13	* 1.8086	* 1.9563	* 1.7822	* 2.0172	* 1.8674	* 1.9550	* 3.5068	*
	* 1.8920	* 2.0879	* 1.8658	* 2.1427	* 1.9320	* 2.0109	* 3.5935	*
	* 1.9564	* 2.1895	* 1.9393	* 2.2417	* 1.9992	* 2.0698	* 3.6271	*
	* 2.0332	* 2.2913	* 2.0226	* 2.3485	* 2.0908	* 2.1471	* 3.6656	*
	* 2.1926	* 2.4978	* 2.2114	* 2.5638	* 2.2679	* 2.2712	* 3.6699	*
14	* 2.0567	* 1.8236	* 2.1376	* 1.9973	* 2.7423	* 3.5068	*	*
	* 2.2082	* 1.9201	* 2.2696	* 2.0768	* 2.8668	* 3.5935	*	*
	* 2.3222	* 2.0044	* 2.3701	* 2.1516	* 2.9318	* 3.6228	*	*
	* 2.4409	* 2.1049	* 2.4602	* 2.2515	* 3.0261	* 3.6656	*	*
	* 2.6356	* 2.2796	* 2.6069	* 2.4012	* 3.1267	* 3.6699	*	*
15	* 2.0172	* 2.5053	* 3.5518	* 4.1927	* 4 EFPD 118 % POWER			
	* 2.1942	* 2.7187	* 3.7543	* 4.3915	* 100 EFPD 118 % POWER			
	* 2.3468	* 2.8721	* 3.8330	* 4.4737	* 200 EFPD 118 % POWER			
	* 2.4938	* 3.0056	* 3.9152	* 4.5591	* 300 EFPD 118 % POWER			
	* 2.6334	* 3.1110	* 3.9551	* 4.5458	* 450 EFPD 118 % POWER			

TABLE 3 (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	* 2.5972	* 1.7958	* 1.9727	* 1.7718	* 2.1962	* 1.7454	* 1.9869	* 1.9400
	* 2.6628	* 1.8514	* 2.0768	* 1.8350	* 2.3101	* 1.8263	* 2.1339	* 2.1121
	* 2.6742	* 1.9062	* 2.1383	* 1.8726	* 2.3755	* 1.8851	* 2.2401	* 2.2515
	* 2.6881	* 1.9260	* 2.1988	* 1.9225	* 2.4389	* 1.9539	* 2.3468	* 2.3846
	* 2.7796	* 2.0643	* 2.3883	* 2.0643	* 2.6112	* 2.0992	* 2.5407	* 2.5659
9	* 1.7958	* 2.0172	* 1.7728	* 1.9487	* 1.7266	* 1.8871	* 1.7615	* 2.4177
	* 1.8514	* 2.1150	* 1.8350	* 2.0630	* 1.8104	* 2.0174	* 1.8558	* 2.6267
	* 1.8862	* 2.1742	* 1.8726	* 2.1353	* 1.8647	* 2.1135	* 1.9320	* 2.7746
	* 1.9260	* 2.2256	* 1.9225	* 2.2051	* 1.9272	* 2.2082	* 2.0187	* 2.8989
	* 2.0643	* 2.4049	* 2.0657	* 2.3957	* 2.0754	* 2.3975	* 2.1926	* 3.0320
10	* 1.9727	* 1.7728	* 2.3781	* 1.7256	* 1.9036	* 1.7266	* 2.0693	* 3.4669
	* 2.0768	* 1.8350	* 2.4661	* 1.8040	* 2.0279	* 1.8104	* 2.1973	* 3.6271
	* 2.1383	* 1.8726	* 2.5038	* 1.8603	* 2.1107	* 1.8726	* 2.2913	* 3.7006
	* 2.1988	* 1.9225	* 2.5407	* 1.9272	* 2.1942	* 1.9466	* 2.3791	* 3.7771
	* 2.3883	* 2.0657	* 2.6650	* 2.0740	* 2.3864	* 2.1150	* 2.5160	* 3.8521
11	* 1.7718	* 1.9500	* 1.7275	* 1.9084	* 1.7236	* 1.9588	* 1.9413	* 4.1414
	* 1.8350	* 2.0643	* 1.8061	* 2.0293	* 1.8030	* 2.0837	* 2.0200	* 4.2884
	* 1.8726	* 2.1368	* 1.8614	* 2.1150	* 1.8591	* 2.1742	* 2.0837	* 4.3545
	* 1.9225	* 2.2051	* 1.9284	* 2.1973	* 1.9272	* 2.2696	* 2.1666	* 4.4227
	* 2.0643	* 2.3957	* 2.0740	* 2.3938	* 2.0823	* 2.4602	* 2.3135	* 4.4481
12	* 2.1962	* 1.7266	* 1.9060	* 1.7266	* 1.9425	* 1.8151	* 2.6631	
	* 2.3101	* 1.8114	* 2.0293	* 1.8051	* 2.0589	* 1.8817	* 2.7845	
	* 2.3755	* 1.8658	* 2.1121	* 1.8614	* 2.1457	* 1.9381	* 2.8380	
	* 2.4389	* 1.9284	* 2.1942	* 1.9284	* 2.2369	* 2.0135	* 2.9180	
	* 2.6112	* 2.0754	* 2.3883	* 2.0837	* 2.4313	* 2.1803	* 3.0499	
13	* 1.7454	* 1.8883	* 1.7275	* 1.9588	* 1.8140	* 1.9036	* 3.4551	
	* 1.8263	* 2.0187	* 1.8114	* 2.0837	* 1.8794	* 1.9576	* 3.5122	
	* 1.8851	* 2.1150	* 1.8737	* 2.1742	* 1.9368	* 2.0083	* 3.5322	
	* 1.9539	* 2.2082	* 1.9478	* 2.2696	* 2.0135	* 2.0754	* 3.5646	
	* 2.0992	* 2.3975	* 2.1150	* 2.4602	* 2.1788	* 2.2129	* 3.5976	
14	* 1.9869	* 1.7615	* 2.0693	* 1.9413	* 2.6631	* 3.4551		
	* 2.1339	* 1.8558	* 2.1988	* 2.0200	* 2.7115	* 3.5122		
	* 2.2401	* 1.9320	* 2.2913	* 2.0851	* 2.8311	* 3.5281		
	* 2.3468	* 2.0187	* 2.3810	* 2.1666	* 2.9180	* 3.5605		
	* 2.5407	* 2.1926	* 2.5181	* 2.3135	* 3.0499	* 3.5976		
15	* 1.9400	* 2.4177	* 3.4669	* 4.1414	* 4 EFPD	118 % POWER		
	* 2.1121	* 2.6267	* 3.6271	* 4.2884	* 100 EFPD	118 % POWER		
	* 2.2515	* 2.7746	* 3.7050	* 4.3545	* 200 EFPD	118 % POWER		
	* 2.3846	* 2.8989	* 3.7817	* 4.4227	* 300 EFPD	118 % POWER		
	* 2.5659	* 3.0320	* 3.8521	* 4.4481	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 2.4489	* 1.6817	* 1.8527	* 1.6643	* 2.0735	* 1.6534	* 1.8848	* 1.8326
	* 2.4998	* 1.7287	* 1.9466	* 1.7182	* 2.1758	* 1.7287	* 2.0226	* 1.9928
	* 2.5029	* 1.7586	* 2.0047	* 1.7554	* 2.2373	* 1.7701	* 2.1092	* 2.1121
	* 2.5119	* 1.7957	* 2.0561	* 1.7936	* 2.2829	* 1.8220	* 2.1926	* 2.2193
	* 2.6062	* 1.9321	* 2.2406	* 1.9324	* 2.4420	* 1.9599	* 2.3703	* 2.3767
9	* 1.6817	* 1.8930	* 1.6652	* 1.8415	* 1.6356	* 1.7895	* 1.6661	* 2.2921
	* 1.7287	* 1.9801	* 1.7182	* 1.9441	* 1.7097	* 1.9118	* 1.7531	* 2.4858
	* 1.7586	* 2.0296	* 1.7544	* 2.0090	* 1.7482	* 1.9877	* 1.8125	* 2.6090
	* 1.7957	* 2.0795	* 1.7926	* 2.0616	* 1.7957	* 2.0643	* 1.8805	* 2.7069
	* 1.9321	* 2.2553	* 1.9324	* 2.2459	* 1.9388	* 2.2415	* 2.0428	* 2.8514
10	* 1.8527	* 1.6643	* 2.2382	* 1.6339	* 1.8076	* 1.6365	* 1.9638	* 3.2625
	* 1.9466	* 1.7182	* 2.3118	* 1.7012	* 1.9177	* 1.7087	* 2.0782	* 3.4008
	* 2.0047	* 1.7544	* 2.3389	* 1.7423	* 1.9839	* 1.7551	* 2.1501	* 3.4672
	* 2.0561	* 1.7926	* 2.3736	* 1.7957	* 2.0480	* 1.8125	* 2.2256	* 3.5241
	* 2.2406	* 1.9324	* 2.4821	* 1.9385	* 2.2362	* 1.9699	* 2.3890	* 3.5930
11	* 1.6643	* 1.8426	* 1.6365	* 1.8140	* 1.6321	* 1.8617	* 1.8359	* 3.8875
	* 1.7182	* 1.9441	* 1.7031	* 1.9225	* 1.7003	* 1.9713	* 1.9013	* 4.0062
	* 1.7554	* 2.0090	* 1.7433	* 1.9877	* 1.7423	* 2.0426	* 1.9466	* 4.0469
	* 1.7936	* 2.0616	* 1.7957	* 2.0534	* 1.7957	* 2.1178	* 2.0096	* 4.1063
	* 1.9324	* 2.2459	* 1.9388	* 2.2399	* 1.9424	* 2.2962	* 2.1478	* 4.1185
12	* 2.0735	* 1.6365	* 1.8086	* 1.6356	* 1.8482	* 1.7256	* 2.5345	*
	* 2.1758	* 1.7106	* 1.9189	* 1.7031	* 1.9502	* 1.7762	* 2.6356	*
	* 2.2373	* 1.7492	* 1.9851	* 1.7443	* 2.0174	* 1.8157	* 2.6650	*
	* 2.2829	* 1.7967	* 2.0480	* 1.7978	* 2.0908	* 1.8760	* 2.7163	*
	* 2.4420	* 1.9397	* 2.2362	* 1.9437	* 2.2710	* 2.0281	* 2.8236	*
13	* 1.6534	* 1.7895	* 1.6374	* 1.8617	* 1.7236	* 1.8076	* 3.3267	*
	* 1.7287	* 1.9118	* 1.7097	* 1.9713	* 1.7752	* 1.8525	* 3.3747	*
	* 1.7701	* 1.9890	* 1.7551	* 2.0426	* 1.8146	* 1.8897	* 3.3711	*
	* 1.8220	* 2.0643	* 1.8125	* 2.1178	* 1.8749	* 1.9429	* 3.3784	*
	* 1.9599	* 2.2415	* 1.9699	* 2.2962	* 2.0268	* 2.0746	* 3.4161	*
14	* 1.8848	* 1.6670	* 1.9638	* 1.8370	* 2.5345	* 3.3267	*	*
	* 2.0226	* 1.7541	* 2.0795	* 1.9013	* 2.6356	* 3.3711	*	*
	* 2.1092	* 1.8135	* 2.1501	* 1.9466	* 2.6650	* 3.3674	*	*
	* 2.1926	* 1.8817	* 2.2272	* 2.0096	* 2.7163	* 3.3784	*	*
	* 2.3703	* 2.0428	* 2.3904	* 2.1478	* 2.8236	* 3.4161	*	*
15	* 1.8326	* 2.2921	* 3.2660	* 3.8925	* 4 EFPD	* 118 % POWER		
	* 1.9928	* 2.4858	* 3.4046	* 4.0113	* 100 EFPD	* 118 % POWER		
	* 2.1121	* 2.6090	* 3.4683	* 4.0469	* 200 EFPD	* 118 % POWER		
	* 2.2193	* 2.7069	* 3.5281	* 4.1063	* 300 EFPD	* 118 % POWER		
	* 2.3767	* 2.8514	* 3.5941	* 4.1185	* 450 EFPD	* 118 % POWER		

Catawba 2 Cycle 10 Core Operating Limits Report

TABLE 3 (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	* 2.3095	* 1.5796	* 1.7424	* 1.5626	* 1.9525	* 1.5610	* 1.7980	* 1.7565
	* 2.3488	* 1.6172	* 1.8243	* 1.6072	* 2.0388	* 1.6181	* 1.9108	* 1.8876
	* 2.3422	* 1.6401	* 1.8734	* 1.6369	* 2.0903	* 1.6614	* 1.9927	* 1.9934
	* 2.3427	* 1.6788	* 1.9268	* 1.6815	* 2.1407	* 1.7153	* 2.0685	* 2.0893
	* 2.4227	* 1.7902	* 2.0812	* 1.7902	* 2.2661	* 1.8146	* 2.2007	* 2.2035
9	* 1.5796	* 1.7811	* 1.5634	* 1.7325	* 1.5467	* 1.7053	* 1.5887	* 2.1805
	* 1.6172	* 1.8549	* 1.6072	* 1.8211	* 1.5997	* 1.8053	* 1.6552	* 2.3400
	* 1.6401	* 1.8963	* 1.6366	* 1.8779	* 1.6369	* 1.8793	* 1.7118	* 2.4557
	* 1.6788	* 1.9425	* 1.6797	* 1.9328	* 1.6892	* 1.9453	* 1.7701	* 2.5504
	* 1.7902	* 2.0949	* 1.7910	* 2.0868	* 1.7957	* 2.0802	* 1.8923	* 2.6444
10	* 1.7424	* 1.5634	* 2.1065	* 1.5412	* 1.7043	* 1.5483	* 1.8617	* 3.0903
	* 1.8243	* 1.6072	* 2.1669	* 1.5964	* 1.7990	* 1.6072	* 1.9578	* 3.2012
	* 1.8734	* 1.6366	* 2.1875	* 1.6343	* 1.8613	* 1.6508	* 2.0256	* 3.2491
	* 1.9268	* 1.6797	* 2.2109	* 1.6865	* 1.9280	* 1.7040	* 2.0950	* 3.2983
	* 2.0812	* 1.7910	* 2.3064	* 1.7946	* 2.0756	* 1.8234	* 2.2157	* 3.3352
11	* 1.5626	* 1.7334	* 1.5436	* 1.7120	* 1.5405	* 1.7677	* 1.7414	* 3.6807
	* 1.6072	* 1.8222	* 1.5981	* 1.8053	* 1.5964	* 1.8616	* 1.7918	* 3.7730
	* 1.6369	* 1.8779	* 1.6360	* 1.8644	* 1.6343	* 1.9224	* 1.8312	* 3.7916
	* 1.6815	* 1.9328	* 1.6874	* 1.9308	* 1.6865	* 1.9902	* 1.8862	* 3.8317
	* 1.7902	* 2.0868	* 1.7954	* 2.0788	* 1.7978	* 2.1301	* 1.9880	* 3.8263
12	* 1.9525	* 1.5475	* 1.7053	* 1.5436	* 1.7554	* 1.6409	* 2.3968	*
	* 2.0388	* 1.6005	* 1.8000	* 1.5981	* 1.8426	* 1.6792	* 2.4841	*
	* 2.0903	* 1.6377	* 1.8621	* 1.6360	* 1.8989	* 1.7108	* 2.5038	*
	* 2.1407	* 1.6898	* 1.9292	* 1.6883	* 1.9626	* 1.7561	* 2.5491	*
	* 2.2661	* 1.7964	* 2.0760	* 1.7988	* 2.1056	* 1.8763	* 2.6199	*
13	* 1.5610	* 1.7062	* 1.5491	* 1.7677	* 1.6392	* 1.7256	* 3.1511	*
	* 1.6181	* 1.8063	* 1.6072	* 1.8616	* 1.6783	* 1.7601	* 3.1714	*
	* 1.6614	* 1.8802	* 1.6517	* 1.9224	* 1.7099	* 1.7823	* 3.1566	*
	* 1.7153	* 1.9466	* 1.7040	* 1.9902	* 1.7551	* 1.8146	* 3.1681	*
	* 1.8146	* 2.0812	* 1.8242	* 2.1301	* 1.8751	* 1.9168	* 3.1652	*
14	* 1.7980	* 1.5895	* 1.8629	* 1.7414	* 2.3968	* 3.1478	*	*
	* 1.9108	* 1.6552	* 1.9590	* 1.7918	* 2.4841	* 3.1714	*	*
	* 1.9927	* 1.7127	* 2.0266	* 1.8312	* 2.5038	* 3.1557	*	*
	* 2.0685	* 1.7701	* 2.0964	* 1.8862	* 2.5491	* 3.1681	*	*
	* 2.2007	* 1.8923	* 2.2168	* 1.9880	* 2.6199	* 3.1652	*	*
15	* 1.7565	* 2.1805	* 3.0903	* 3.6851	* 4 EFPD	118 % POWER		
	* 1.8876	* 2.3417	* 3.2045	* 3.7730	* 100 EFPD	118 % POWER		
	* 1.9934	* 2.4557	* 3.2525	* 3.7950	* 200 EFPD	118 % POWER		
	* 2.0893	* 2.5504	* 3.3018	* 3.8364	* 300 EFPD	118 % POWER		
	* 2.2035	* 2.6444	* 3.3379	* 3.8263	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 2.2349	* 1.5197	* 1.6780	* 1.5054	* 1.8895	* 1.5069	* 1.7394	* 1.7072
	* 2.2634	* 1.5511	* 1.7485	* 1.5426	* 1.9629	* 1.5550	* 1.8375	* 1.8224
	* 2.2524	* 1.5696	* 1.7919	* 1.5666	* 2.0058	* 1.5907	* 1.9075	* 1.9152
	* 2.2424	* 1.5997	* 1.8342	* 1.6022	* 2.0444	* 1.6360	* 1.9766	* 2.0021
	* 2.3296	* 1.6974	* 1.9710	* 1.6957	* 2.1489	* 1.7176	* 2.0806	* 2.0897
9	* 1.5197	* 1.7149	* 1.5062	* 1.6697	* 1.4907	* 1.6463	* 1.5358	* 2.1183
	* 1.5511	* 1.7775	* 1.5426	* 1.7465	* 1.5342	* 1.7319	* 1.5908	* 2.2585
	* 1.5696	* 1.8129	* 1.5664	* 1.7961	* 1.5658	* 1.7961	* 1.6386	* 2.3554
	* 1.5997	* 1.8495	* 1.6006	* 1.8407	* 1.6088	* 1.8539	* 1.6949	* 2.4358
	* 1.6974	* 1.9832	* 1.6992	* 1.9747	* 1.7023	* 1.9672	* 1.7909	* 2.5047
10	* 1.6780	* 1.5062	* 2.0361	* 1.4834	* 1.6427	* 1.4929	* 1.8022	* 3.0138
	* 1.7485	* 1.5426	* 2.0855	* 1.5289	* 1.7233	* 1.5419	* 1.8820	* 3.0992
	* 1.7919	* 1.5664	* 2.0990	* 1.5619	* 1.7789	* 1.5792	* 1.9397	* 3.1291
	* 1.8342	* 1.6006	* 2.1126	* 1.6080	* 1.8342	* 1.6274	* 2.0008	* 3.1601
	* 1.9710	* 1.6985	* 2.2188	* 1.7006	* 1.9635	* 1.7291	* 2.0936	* 3.1707
11	* 1.5054	* 1.6707	* 1.4856	* 1.6471	* 1.4827	* 1.7034	* 1.6845	* 3.5938
	* 1.5426	* 1.7475	* 1.5305	* 1.7271	* 1.5282	* 1.7826	* 1.7223	* 3.6491
	* 1.5666	* 1.7961	* 1.5635	* 1.7799	* 1.5619	* 1.8375	* 1.7543	* 3.6536
	* 1.6022	* 1.8407	* 1.6088	* 1.8364	* 1.6089	* 1.8993	* 1.8042	* 3.6724
	* 1.6957	* 1.9747	* 1.7013	* 1.9651	* 1.7025	* 2.0122	* 1.8818	* 3.6398
12	* 1.8895	* 1.4914	* 1.6436	* 1.4848	* 1.6883	* 1.5796	* 2.3165	*
	* 1.9629	* 1.5350	* 1.7252	* 1.5305	* 1.7614	* 1.6073	* 2.3851	*
	* 2.0058	* 1.5666	* 1.7796	* 1.5635	* 1.8121	* 1.6334	* 2.3986	*
	* 2.0444	* 1.6089	* 1.8353	* 1.6105	* 1.8729	* 1.6821	* 2.4358	*
	* 2.1489	* 1.7023	* 1.9635	* 1.7034	* 1.9877	* 1.7735	* 2.4772	*
13	* 1.5069	* 1.6471	* 1.4936	* 1.7034	* 1.5780	* 1.6652	* 3.0531	*
	* 1.5550	* 1.7329	* 1.5419	* 1.7826	* 1.6065	* 1.6868	* 3.0535	*
	* 1.5907	* 1.7964	* 1.5794	* 1.8375	* 1.6325	* 1.7068	* 3.0283	*
	* 1.6360	* 1.8550	* 1.6282	* 1.8993	* 1.6811	* 1.7433	* 3.0304	*
	* 1.7176	* 1.9675	* 1.7291	* 2.0122	* 1.7725	* 1.8115	* 2.9999	*
14	* 1.7394	* 1.5358	* 1.8022	* 1.6845	* 2.3165	* 3.0531	*	*
	* 1.8375	* 1.5916	* 1.8832	* 1.7223	* 2.3833	* 3.0505	*	*
	* 1.9075	* 1.6386	* 1.9400	* 1.7543	* 2.3986	* 3.0283	*	*
	* 1.9766	* 1.6949	* 2.0008	* 1.8042	* 2.4358	* 3.0304	*	*
	* 2.0806	* 1.7909	* 2.0946	* 1.8818	* 2.4772	* 2.9999	*	*
15	* 1.7072	* 2.1183	* 3.0138	* 3.5938	* 4 EFPD	118 % POWER		
	* 1.8224	* 2.2585	* 3.1023	* 3.6534	* 100 EFPD	118 % POWER		
	* 1.9152	* 2.3567	* 3.1322	* 3.6579	* 200 EFPD	118 % POWER		
	* 2.0021	* 2.4358	* 3.1633	* 3.6724	* 300 EFPD	118 % POWER		
	* 2.0897	* 2.5047	* 3.1707	* 3.6398	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 2.0835	* 1.4086	* 1.5626	* 1.3957	* 1.7656	* 1.4021	* 1.6278	* 1.5887
	* 2.1055	* 1.4338	* 1.6259	* 1.4259	* 1.8268	* 1.4397	* 1.7120	* 1.6869
	* 2.0932	* 1.4484	* 1.6642	* 1.4457	* 1.8608	* 1.4683	* 1.7712	* 1.7664
	* 2.0769	* 1.4720	* 1.6984	* 1.4734	* 1.8897	* 1.5041	* 1.8263	* 1.8381
	* 2.0975	* 1.5473	* 1.8074	* 1.5452	* 1.9676	* 1.5612	* 1.9054	* 1.9009
9	* 1.4086	* 1.5962	* 1.3963	* 1.5578	* 1.3836	* 1.5350	* 1.4304	* 1.9830
	* 1.4338	* 1.6527	* 1.4259	* 1.6251	* 1.4193	* 1.6099	* 1.4739	* 2.1040
	* 1.4484	* 1.6840	* 1.4450	* 1.6684	* 1.4445	* 1.6633	* 1.5119	* 2.1849
	* 1.4720	* 1.7124	* 1.4727	* 1.7049	* 1.4790	* 1.7133	* 1.5569	* 2.2483
	* 1.5473	* 1.8179	* 1.5477	* 1.8137	* 1.5487	* 1.8021	* 1.6315	* 2.2879
10	* 1.5626	* 1.3963	* 1.9013	* 1.3767	* 1.5312	* 1.3874	* 1.6845	* 2.8237
	* 1.6259	* 1.4259	* 1.9410	* 1.4129	* 1.6024	* 1.4265	* 1.7516	* 2.8916
	* 1.6642	* 1.4450	* 1.9505	* 1.4403	* 1.6509	* 1.4565	* 1.7986	* 2.9081
	* 1.6984	* 1.4727	* 1.9564	* 1.4776	* 1.6965	* 1.4954	* 1.8469	* 2.9188
	* 1.8074	* 1.5477	* 2.0006	* 1.5477	* 1.8018	* 1.5699	* 1.9163	* 2.8963
11	* 1.3957	* 1.5586	* 1.3786	* 1.5358	* 1.3755	* 1.5904	* 1.5674	* 3.3709
	* 1.4259	* 1.6259	* 1.4148	* 1.6049	* 1.4122	* 1.6572	* 1.5942	* 3.4090
	* 1.4457	* 1.6684	* 1.4417	* 1.6518	* 1.4403	* 1.7044	* 1.6178	* 3.3990
	* 1.4734	* 1.7049	* 1.4790	* 1.6983	* 1.4783	* 1.7550	* 1.6566	* 3.3946
	* 1.5452	* 1.8137	* 1.5485	* 1.8028	* 1.5479	* 1.8438	* 1.7129	* 3.3240
12	* 1.7656	* 1.3842	* 1.5327	* 1.3786	* 1.5739	* 1.4684	* 2.1711	*
	* 1.8268	* 1.4200	* 1.6041	* 1.4148	* 1.6362	* 1.4859	* 2.2214	*
	* 1.8608	* 1.4452	* 1.6518	* 1.4418	* 1.6804	* 1.5060	* 2.2268	*
	* 1.8897	* 1.4790	* 1.6965	* 1.4797	* 1.7295	* 1.5429	* 2.2483	*
	* 1.9676	* 1.5493	* 1.8018	* 1.5487	* 1.8219	* 1.6148	* 2.2662	*
13	* 1.4021	* 1.5358	* 1.3887	* 1.5904	* 1.4670	* 1.5451	* 2.8555	*
	* 1.4397	* 1.6107	* 1.4272	* 1.6572	* 1.4852	* 1.5559	* 2.8362	*
	* 1.4683	* 1.6642	* 1.4572	* 1.7044	* 1.5051	* 1.5698	* 2.8056	*
	* 1.5041	* 1.7143	* 1.4961	* 1.7550	* 1.5422	* 1.5994	* 2.7902	*
	* 1.5612	* 1.8021	* 1.5699	* 1.8435	* 1.6145	* 1.6451	* 2.7368	*
14	* 1.6278	* 1.4304	* 1.6855	* 1.5682	* 2.1711	* 2.8528	*	*
	* 1.7120	* 1.4739	* 1.7516	* 1.5942	* 2.2214	* 2.8361	*	*
	* 1.7712	* 1.5124	* 1.7989	* 1.6180	* 2.2268	* 2.8038	*	*
	* 1.8263	* 1.5569	* 1.8480	* 1.6566	* 2.2483	* 2.7902	*	*
	* 1.9054	* 1.6315	* 1.9163	* 1.7129	* 2.2662	* 2.7368	*	*
15	* 1.5887	* 1.9830	* 2.8263	* 3.3709	* 4 EFPD	118 % POWER		
	* 1.6869	* 2.1040	* 2.8943	* 3.4127	* 100 EFPD	118 % POWER		
	* 1.7664	* 2.1860	* 2.9108	* 3.4027	* 200 EFPD	118 % POWER		
	* 1.8381	* 2.2483	* 2.9215	* 3.3982	* 300 EFPD	118 % POWER		
	* 1.9009	* 2.2891	* 2.8970	* 3.3275	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 1.9973	* 1.3457	* 1.4958	* 1.3356	* 1.7005	* 1.3481	* 1.5707	* 1.5350
	* 2.0193	* 1.3694	* 1.5552	* 1.3628	* 1.7546	* 1.3797	* 1.6441	* 1.6209
	* 2.0055	* 1.3820	* 1.5898	* 1.3795	* 1.7820	* 1.4019	* 1.6933	* 1.6871
	* 1.9836	* 1.4000	* 1.6175	* 1.4013	* 1.8006	* 1.4297	* 1.7360	* 1.7457
	* 1.9650	* 1.4454	* 1.6901	* 1.4461	* 1.8411	* 1.4631	* 1.7879	* 1.7815
9	* 1.3457	* 1.5265	* 1.3356	* 1.4943	* 1.3269	* 1.4784	* 1.3780	* 1.9205
	* 1.3694	* 1.5797	* 1.3633	* 1.5567	* 1.3580	* 1.5436	* 1.4136	* 2.0246
	* 1.3820	* 1.6093	* 1.3795	* 1.5944	* 1.3789	* 1.5889	* 1.4435	* 2.0916
	* 1.4000	* 1.6320	* 1.4007	* 1.6234	* 1.4057	* 1.6294	* 1.4780	* 2.1380
	* 1.4454	* 1.7003	* 1.4454	* 1.6947	* 1.4502	* 1.6894	* 1.5290	* 2.1459
10	* 1.4958	* 1.3356	* 1.8249	* 1.3206	* 1.4705	* 1.3333	* 1.6260	* 2.7448
	* 1.5552	* 1.3633	* 1.8619	* 1.3521	* 1.5344	* 1.3663	* 1.6824	* 2.7904
	* 1.5898	* 1.3795	* 1.8685	* 1.3746	* 1.5776	* 1.3906	* 1.7196	* 2.7914
	* 1.6175	* 1.4013	* 1.8667	* 1.4038	* 1.6141	* 1.4205	* 1.7557	* 2.7847
	* 1.6901	* 1.4448	* 1.8728	* 1.4489	* 1.6865	* 1.4719	* 1.7972	* 2.7116
11	* 1.3356	* 1.4951	* 1.3229	* 1.4748	* 1.3200	* 1.5319	* 1.5121	* 3.2766
	* 1.3628	* 1.5575	* 1.3538	* 1.5375	* 1.3515	* 1.5894	* 1.5299	* 3.2936
	* 1.3795	* 1.5944	* 1.3760	* 1.5784	* 1.3746	* 1.6287	* 1.5459	* 3.2679
	* 1.4013	* 1.6234	* 1.4051	* 1.6158	* 1.4044	* 1.6679	* 1.5724	* 3.2415
	* 1.4461	* 1.6947	* 1.4496	* 1.6893	* 1.4514	* 1.7303	* 1.6052	* 3.1092
12	* 1.7005	* 1.3275	* 1.4719	* 1.3229	* 1.5151	* 1.4138	* 2.1022	*
	* 1.7546	* 1.3586	* 1.5360	* 1.3538	* 1.5685	* 1.4240	* 2.1375	*
	* 1.7820	* 1.3795	* 1.5784	* 1.3760	* 1.6054	* 1.4375	* 2.1333	*
	* 1.8006	* 1.4064	* 1.6150	* 1.4057	* 1.6432	* 1.4647	* 2.1409	*
	* 1.8411	* 1.4502	* 1.6875	* 1.4521	* 1.7096	* 1.5128	* 2.1276	*
13	* 1.3481	* 1.4791	* 1.3345	* 1.5319	* 1.4125	* 1.4899	* 2.7697	*
	* 1.3797	* 1.5443	* 1.3669	* 1.5894	* 1.4233	* 1.4917	* 2.7340	*
	* 1.4019	* 1.5895	* 1.3908	* 1.6287	* 1.4368	* 1.4983	* 2.6904	*
	* 1.4297	* 1.6302	* 1.4212	* 1.6679	* 1.4640	* 1.5163	* 2.6582	*
	* 1.4631	* 1.6894	* 1.4721	* 1.7303	* 1.5120	* 1.5388	* 2.5697	*
14	* 1.5707	* 1.3786	* 1.6269	* 1.5129	* 2.1022	* 2.7672	*	*
	* 1.6441	* 1.4136	* 1.6833	* 1.5299	* 2.1375	* 2.7340	*	*
	* 1.6933	* 1.4441	* 1.7203	* 1.5459	* 2.1333	* 2.6904	*	*
	* 1.7360	* 1.4780	* 1.7567	* 1.5731	* 2.1409	* 2.6582	*	*
	* 1.7879	* 1.5290	* 1.7982	* 1.6052	* 2.1276	* 2.5697	*	*
15	* 1.5350	* 1.9217	* 2.7472	* 3.2801	* 4 EFPD	118 % POWER		
	* 1.6209	* 2.0259	* 2.7955	* 3.2970	* 100 EFPD	118 % POWER		
	* 1.6871	* 2.0920	* 2.7957	* 3.2704	* 200 EFPD	118 % POWER		
	* 1.7457	* 2.1380	* 2.7872	* 3.2449	* 300 EFPD	118 % POWER		
	* 1.7815	* 2.1459	* 2.7137	* 3.1123	* 450 EFPD	118 % POWER		

TABLE 3 (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	* 1.9664	* 1.3258	* 1.4698	* 1.3177	* 1.6873	* 1.3398	* 1.5650	* 1.5475
	* 1.9935	* 1.3527	* 1.5300	* 1.3475	* 1.7390	* 1.3700	* 1.6312	* 1.6227
	* 1.9820	* 1.3658	* 1.5648	* 1.3640	* 1.7626	* 1.3882	* 1.6705	* 1.6761
	* 1.9559	* 1.3799	* 1.5875	* 1.3805	* 1.7725	* 1.4074	* 1.7025	* 1.7194
	* 1.9252	* 1.3941	* 1.6217	* 1.3934	* 1.7722	* 1.4112	* 1.7111	* 1.7134

9	* 1.3258	* 1.4987	* 1.3177	* 1.4741	* 1.3137	* 1.4698	* 1.3761	* 1.9314
	* 1.3527	* 1.5537	* 1.3475	* 1.5345	* 1.3451	* 1.5292	* 1.4073	* 2.0207
	* 1.3658	* 1.5838	* 1.3634	* 1.5696	* 1.3640	* 1.5674	* 1.4303	* 2.0715
	* 1.3799	* 1.6015	* 1.3799	* 1.5932	* 1.3842	* 1.5981	* 1.4549	* 2.1014
	* 1.3941	* 1.6319	* 1.3959	* 1.6252	* 1.3985	* 1.6186	* 1.4693	* 2.0594

10	* 1.4698	* 1.3177	* 1.7980	* 1.3103	* 1.4536	* 1.3258	* 1.6234	* 2.7647
	* 1.5300	* 1.3475	* 1.8389	* 1.3410	* 1.5151	* 1.3563	* 1.6716	* 2.7956
	* 1.5648	* 1.3634	* 1.8451	* 1.3604	* 1.5546	* 1.3761	* 1.6988	* 2.7766
	* 1.5875	* 1.3805	* 1.8398	* 1.3823	* 1.5834	* 1.3979	* 1.7223	* 2.7498
	* 1.6217	* 1.3953	* 1.8313	* 1.3973	* 1.6160	* 1.4215	* 1.7216	* 2.6153

11	* 1.3177	* 1.4748	* 1.3126	* 1.4585	* 1.3098	* 1.5243	* 1.5159	* 3.3086
	* 1.3475	* 1.5353	* 1.3428	* 1.5180	* 1.3405	* 1.5758	* 1.5270	* 3.3041
	* 1.3640	* 1.5698	* 1.3618	* 1.5562	* 1.3600	* 1.6084	* 1.5351	* 3.2535
	* 1.3805	* 1.5932	* 1.3836	* 1.5851	* 1.3823	* 1.6369	* 1.5501	* 3.2042
	* 1.3934	* 1.6252	* 1.3979	* 1.6177	* 1.3992	* 1.6565	* 1.5443	* 3.0006

12	* 1.6873	* 1.3149	* 1.4543	* 1.3126	* 1.5054	* 1.4132	* 2.1065	*
	* 1.7390	* 1.3457	* 1.5165	* 1.3428	* 1.5529	* 1.4182	* 2.1288	*
	* 1.7626	* 1.3646	* 1.5554	* 1.3618	* 1.5840	* 1.4252	* 2.1163	*
	* 1.7725	* 1.3848	* 1.5843	* 1.3842	* 1.6122	* 1.4427	* 2.1058	*
	* 1.7722	* 1.3991	* 1.6160	* 1.3998	* 1.6373	* 1.4569	* 2.0446	*

13	* 1.3398	* 1.4705	* 1.3269	* 1.5243	* 1.4118	* 1.4965	* 2.7900	*
	* 1.3700	* 1.5300	* 1.3575	* 1.5758	* 1.4176	* 1.4903	* 2.7389	*
	* 1.3882	* 1.5682	* 1.3767	* 1.6084	* 1.4245	* 1.4891	* 2.6784	*
	* 1.4074	* 1.5981	* 1.3985	* 1.6369	* 1.4414	* 1.4949	* 2.6263	*
	* 1.4112	* 1.6186	* 1.4216	* 1.6565	* 1.4562	* 1.4891	* 2.4821	*

14	* 1.5650	* 1.3767	* 1.6243	* 1.5167	* 2.1065	* 2.7900	*	*
	* 1.6312	* 1.4073	* 1.6716	* 1.5270	* 2.1288	* 2.7389	*	*
	* 1.6705	* 1.4303	* 1.6995	* 1.5353	* 2.1163	* 2.6767	*	*
	* 1.7025	* 1.4549	* 1.7223	* 1.5501	* 2.1058	* 2.6242	*	*
	* 1.7111	* 1.4693	* 1.7216	* 1.5443	* 2.0446	* 2.4821	*	*

15	* 1.5475	* 1.9314	* 2.7672	* 3.3122	* 4 EFPD 118	% POWER		
	* 1.6227	* 2.0207	* 2.7981	* 3.3042	* 100 EFPD 118	% POWER		
	* 1.6761	* 2.0715	* 2.7790	* 3.2569	* 200 EFPD 118	% POWER		
	* 1.7194	* 2.1014	* 2.7522	* 3.2043	* 300 EFPD 118	% POWER		
	* 1.7134	* 2.0594	* 2.6155	* 3.0032	* 450 EFPD 118	% POWER		

Catawba 2 Cycle 10 Core Operating Limits Report

TABLE 3 (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	1.8813	1.2720	1.4079	1.2667	1.6295	1.3003	1.5312	1.5350
	1.9221	1.3072	1.4755	1.3034	1.6862	1.3325	1.5928	1.5986
	1.9214	1.3252	1.5160	1.3235	1.7120	1.3500	1.6274	1.6388
	1.9005	1.3392	1.5393	1.3398	1.7193	1.3657	1.6497	1.6683
	1.8366	1.3272	1.5432	1.3244	1.6851	1.3388	1.6213	1.6225
9	1.2720	1.4331	1.2667	1.4151	1.2699	1.4297	1.3475	1.9120
	1.3072	1.4969	1.3034	1.4819	1.3050	1.4883	1.3756	1.9898
	1.3252	1.5338	1.3235	1.5212	1.3258	1.5235	1.3939	2.0264
	1.3392	1.5531	1.3392	1.5446	1.3433	1.5477	1.4111	2.0404
	1.3272	1.5524	1.3294	1.5456	1.3301	1.5343	1.3920	1.9510
10	1.4079	1.2667	1.7227	1.2699	1.4034	1.2898	1.5904	2.7275
	1.4755	1.3034	1.7738	1.3039	1.4686	1.3211	1.6347	2.7463
	1.5160	1.3235	1.7884	1.3241	1.5096	1.3395	1.6559	2.7160
	1.5393	1.3398	1.7856	1.3427	1.5362	1.3568	1.6692	2.6690
	1.5432	1.3294	1.7433	1.3295	1.5350	1.3486	1.6299	2.4757
11	1.2667	1.4151	1.2704	1.4112	1.2710	1.4885	1.4921	3.2730
	1.3034	1.4819	1.3056	1.4734	1.3034	1.5384	1.4983	3.2524
	1.3235	1.5218	1.3258	1.5125	1.3235	1.5679	1.5003	3.1894
	1.3398	1.5446	1.3438	1.5385	1.3421	1.5889	1.5056	3.1138
	1.3244	1.5456	1.3307	1.5373	1.3307	1.5722	1.4633	2.8435
12	1.6295	1.2710	1.4047	1.2736	1.4670	1.3868	2.0792	
	1.6862	1.3056	1.4699	1.3056	1.5144	1.3897	2.0944	
	1.7120	1.3264	1.5103	1.3252	1.5437	1.3927	2.0748	
	1.7193	1.3439	1.5370	1.3438	1.5657	1.4015	2.0512	
	1.6851	1.3307	1.5357	1.3318	1.5534	1.3816	1.9414	
13	1.3003	1.4304	1.2903	1.4892	1.3855	1.4741	2.7597	
	1.3325	1.4890	1.3217	1.5384	1.3885	1.4644	2.6986	
	1.3500	1.5242	1.3401	1.5685	1.3919	1.4569	2.6270	
	1.3657	1.5484	1.3568	1.5889	1.4009	1.4527	2.5568	
	1.3388	1.5344	1.3492	1.5722	1.3809	1.4116	2.3578	
14	1.5312	1.3481	1.5920	1.4921	2.0792	2.7597		
	1.5928	1.3762	1.6356	1.4990	2.0944	2.6985		
	1.6274	1.3939	1.6567	1.5003	2.0748	2.6248		
	1.6497	1.4111	1.6701	1.5056	2.0512	2.5568		
	1.6213	1.3921	1.6307	1.4640	1.9414	2.3560		
15	1.5350	1.9120	2.7300	3.2730	4 EFPD	118 % POWER		
	1.5986	1.9898	2.7487	3.2558	100 EFPD	118 % POWER		
	1.6388	2.0264	2.7184	3.1894	200 EFPD	118 % POWER		
	1.6683	2.0404	2.6713	3.1169	300 EFPD	118 % POWER		
	1.6225	1.9510	2.4777	2.8462	450 EFPD	118 % POWER		

TABLE 3 (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	* 1.8482	* 1.2667	* 1.4002	* 1.2636	* 1.6234	* 1.3087	* 1.5674	* 1.6480
	* 1.9150	* 1.3190	* 1.4833	* 1.3162	* 1.6945	* 1.3528	* 1.6322	* 1.7011
	* 1.9371	* 1.3502	* 1.5366	* 1.3490	* 1.7311	* 1.3781	* 1.6641	* 1.7247
	* 1.9299	* 1.3704	* 1.5671	* 1.3710	* 1.7452	* 1.3957	* 1.6818	* 1.7354
	* 1.8429	* 1.3363	* 1.5448	* 1.3319	* 1.6814	* 1.3429	* 1.6163	* 1.6369
9	* 1.2667	* 1.4211	* 1.2636	* 1.4073	* 1.2752	* 1.4399	* 1.3811	* 2.0092
	* 1.3190	* 1.5020	* 1.3167	* 1.4890	* 1.3240	* 1.5093	* 1.4151	* 2.0791
	* 1.3502	* 1.5517	* 1.3490	* 1.5411	* 1.3543	* 1.5502	* 1.4344	* 2.1012
	* 1.3704	* 1.5791	* 1.3704	* 1.5710	* 1.3753	* 1.5734	* 1.4478	* 2.0996
	* 1.3363	* 1.5540	* 1.3370	* 1.5455	* 1.3359	* 1.5306	* 1.3958	* 1.9556
10	* 1.4002	* 1.2636	* 1.6911	* 1.2747	* 1.4125	* 1.3064	* 1.6217	* 2.8289
	* 1.4833	* 1.3167	* 1.7658	* 1.3234	* 1.4883	* 1.3476	* 1.6781	* 2.8444
	* 1.5366	* 1.3490	* 1.7988	* 1.3542	* 1.5373	* 1.3721	* 1.6964	* 2.7981
	* 1.5671	* 1.3710	* 1.8062	* 1.3753	* 1.5671	* 1.3895	* 1.7030	* 2.7322
	* 1.5448	* 1.3370	* 1.7422	* 1.3376	* 1.5373	* 1.3539	* 1.6222	* 2.4729
11	* 1.2636	* 1.4079	* 1.2757	* 1.4237	* 1.2849	* 1.5265	* 1.5530	* 3.4163
	* 1.3162	* 1.4897	* 1.3246	* 1.4969	* 1.3285	* 1.5815	* 1.5609	* 3.3836
	* 1.3490	* 1.5411	* 1.3548	* 1.5434	* 1.3560	* 1.6119	* 1.5581	* 3.2952
	* 1.3710	* 1.5711	* 1.3759	* 1.5718	* 1.3765	* 1.6296	* 1.5545	* 3.1937
	* 1.3319	* 1.5455	* 1.3382	* 1.5410	* 1.3405	* 1.5762	* 1.4723	* 2.8419
12	* 1.6234	* 1.2763	* 1.4132	* 1.2876	* 1.4965	* 1.4277	* 2.1573	*
	* 1.6945	* 1.3246	* 1.4897	* 1.3314	* 1.5499	* 1.4360	* 2.1691	*
	* 1.7311	* 1.3549	* 1.5386	* 1.3579	* 1.5823	* 1.4397	* 2.1543	*
	* 1.7452	* 1.3759	* 1.5679	* 1.3777	* 1.6027	* 1.4444	* 2.1153	*
	* 1.6814	* 1.3559	* 1.5380	* 1.3411	* 1.5572	* 1.3896	* 1.9507	*
13	* 1.3087	* 1.4406	* 1.3075	* 1.5273	* 1.4264	* 1.5250	* 2.8662	*
	* 1.3528	* 1.5100	* 1.3487	* 1.5815	* 1.4354	* 1.5181	* 2.8009	*
	* 1.3781	* 1.5509	* 1.3726	* 1.6125	* 1.4390	* 1.5091	* 2.7173	*
	* 1.3957	* 1.5742	* 1.3901	* 1.6296	* 1.4438	* 1.4996	* 2.6303	*
	* 1.3429	* 1.5306	* 1.3540	* 1.5762	* 1.3890	* 1.4219	* 2.3678	*
14	* 1.5674	* 1.3817	* 1.6226	* 1.5538	* 2.1573	* 2.8662	*	*
	* 1.6322	* 1.4157	* 1.6790	* 1.5609	* 2.1691	* 2.8008	*	*
	* 1.6641	* 1.4346	* 1.6966	* 1.5581	* 2.1543	* 2.7173	*	*
	* 1.6818	* 1.4478	* 1.7030	* 1.5545	* 2.1153	* 2.6303	*	*
	* 1.6163	* 1.3958	* 1.6222	* 1.4723	* 1.9507	* 2.3678	*	*
15	* 1.6480	* 2.0105	* 2.8316	* 3.4201	* 4 EFPD	118 % POWER		
	* 1.7011	* 2.0791	* 2.8470	* 3.3873	* 100 EFPD	118 % POWER		
	* 1.7247	* 2.1012	* 2.8000	* 3.2962	* 200 EFPD	118 % POWER		
	* 1.7354	* 2.0996	* 2.7346	* 3.1937	* 300 EFPD	118 % POWER		
	* 1.6369	* 1.9556	* 2.4749	* 2.8422	* 450 EFPD	118 % POWER		

Catawba 2 Cycle 10 Core Operating Limits Report

TABLE 3 (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	* 2.0092	* 1.3415	* 1.5731	* 1.3356	* 1.8119	* 1.3989	* 1.8108	* 2.0849
	* 2.1030	* 1.4197	* 1.6736	* 1.4138	* 1.8987	* 1.4631	* 1.8791	* 2.1116
	* 2.1447	* 1.4682	* 1.7358	* 1.4638	* 1.9429	* 1.4999	* 1.9062	* 2.0977
	* 2.1490	* 1.4909	* 1.7690	* 1.4887	* 1.9602	* 1.5156	* 1.9106	* 2.0659
	* 2.0229	* 1.4353	* 1.7039	* 1.4326	* 1.8527	* 1.4381	* 1.7820	* 1.8676
9	* 1.3415	* 1.5904	* 1.3333	* 1.5763	* 1.3571	* 1.6226	* 1.5618	* 2.4216
	* 1.4197	* 1.6891	* 1.4126	* 1.6745	* 1.4288	* 1.7030	* 1.6069	* 2.4771
	* 1.4682	* 1.7485	* 1.4626	* 1.7348	* 1.4743	* 1.7465	* 1.6225	* 2.4695
	* 1.4909	* 1.7781	* 1.4873	* 1.7669	* 1.4966	* 1.7669	* 1.6218	* 2.4320
	* 1.4353	* 1.7114	* 1.4326	* 1.6985	* 1.4321	* 1.6749	* 1.5121	* 2.1879
10	* 1.5731	* 1.3333	* 1.8381	* 1.3535	* 1.6114	* 1.4311	* 1.8504	* 3.3413
	* 1.6736	* 1.4126	* 1.9378	* 1.4268	* 1.7002	* 1.4884	* 1.9233	* 3.3364
	* 1.7358	* 1.4626	* 1.9895	* 1.4729	* 1.7534	* 1.5195	* 1.9380	* 3.2522
	* 1.7690	* 1.4873	* 2.0071	* 1.4952	* 1.7822	* 1.5321	* 1.9272	* 3.1416
	* 1.7039	* 1.4326	* 1.9056	* 1.4334	* 1.7040	* 1.4488	* 1.7770	* 2.7576
11	* 1.3356	* 1.5763	* 1.3547	* 1.6269	* 1.3925	* 1.7884	* 1.8448	* 4.0586
	* 1.4138	* 1.6745	* 1.4275	* 1.7123	* 1.4535	* 1.8467	* 1.8500	* 3.9823
	* 1.4638	* 1.7348	* 1.4736	* 1.7624	* 1.4905	* 1.8717	* 1.8323	* 3.8283
	* 1.4887	* 1.7669	* 1.4959	* 1.7894	* 1.5075	* 1.8782	* 1.8070	* 3.6610
	* 1.4326	* 1.6985	* 1.4334	* 1.7088	* 1.4368	* 1.7609	* 1.6504	* 3.1624
12	* 1.8119	* 1.3577	* 1.6123	* 1.3944	* 1.7325	* 1.6330	* 2.5430	*
	* 1.8987	* 1.4295	* 1.7011	* 1.4556	* 1.7924	* 1.6461	* 2.5502	*
	* 1.9429	* 1.4744	* 1.7544	* 1.4920	* 1.8207	* 1.6413	* 2.5135	*
	* 1.9602	* 1.4966	* 1.7822	* 1.5090	* 1.8327	* 1.6287	* 2.4610	*
	* 1.8527	* 1.4327	* 1.7041	* 1.4381	* 1.7297	* 1.5113	* 2.1987	*
13	* 1.3989	* 1.6226	* 1.4318	* 1.7895	* 1.6330	* 1.7969	* 3.3746	*
	* 1.4631	* 1.7030	* 1.4891	* 1.8478	* 1.6452	* 1.7831	* 3.2870	*
	* 1.4999	* 1.7465	* 1.5203	* 1.8721	* 1.6405	* 1.7594	* 3.1627	*
	* 1.5156	* 1.7669	* 1.5321	* 1.8782	* 1.6286	* 1.7343	* 3.0341	*
	* 1.4381	* 1.6749	* 1.4494	* 1.7609	* 1.5113	* 1.5858	* 2.6545	*
14	* 1.8108	* 1.5618	* 1.8504	* 1.8459	* 2.5430	* 3.3746	*	*
	* 1.8791	* 1.6069	* 1.9234	* 1.8500	* 2.5502	* 3.2870	*	*
	* 1.9062	* 1.6227	* 1.9392	* 1.8326	* 2.5135	* 3.1604	*	*
	* 1.9106	* 1.6218	* 1.9272	* 1.8070	* 2.4610	* 3.0341	*	*
	* 1.7820	* 1.5121	* 1.7771	* 1.6504	* 2.1987	* 2.6522	*	*
15	* 2.0849	* 2.4216	* 3.3450	* 4.0586	* 4 EFPD	118 % POWER		
	* 2.1116	* 2.4771	* 3.3400	* 3.9874	* 100 EFPD	118 % POWER		
	* 2.0977	* 2.4700	* 3.2547	* 3.8330	* 200 EFPD	118 % POWER		
	* 2.0659	* 2.4320	* 3.1448	* 3.6653	* 300 EFPD	118 % POWER		
	* 1.8676	* 2.1879	* 2.7600	* 3.1656	* 450 EFPD	118 % POWER		

Catawba 2 Cycle 10 Core Operating Limits Report

TABLE 3 (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	* 2.7697	* 3.2801	* 3.5109	* 3.2695	* 2.6772	* 3.4201	* 3.9583	* 5.7650
	* 2.9167	* 3.2976	* 3.6288	* 3.2870	* 2.7959	* 3.3986	* 4.0132	* 5.5370
	* 2.9702	* 3.2599	* 3.6378	* 3.2531	* 2.8301	* 3.3289	* 3.9464	* 5.1865
	* 2.9559	* 3.1804	* 3.5559	* 3.1770	* 2.8087	* 3.2266	* 3.8233	* 4.8372
	* 2.6934	* 2.8326	* 3.1499	* 2.8251	* 2.5404	* 2.8331	* 3.3175	* 3.9814

9	* 3.2801	* 3.4279	* 3.2451	* 3.5109	* 3.3122	* 3.5769	* 3.9842	* 5.6790
	* 3.2976	* 3.5623	* 3.2663	* 3.6416	* 3.3151	* 3.6716	* 3.8974	* 5.5868
	* 3.2599	* 3.5885	* 3.2404	* 3.6432	* 3.2737	* 3.6592	* 3.7431	* 5.3381
	* 3.1804	* 3.5277	* 3.1673	* 3.5600	* 3.1901	* 3.5681	* 3.5722	* 5.0417
	* 2.8326	* 3.1435	* 2.8199	* 3.1467	* 2.8228	* 3.1217	* 3.0607	* 4.2064

10	* 3.5109	* 3.2451	* 2.5644	* 3.2907	* 3.5938	* 3.5769	* 4.1190	* 5.0732
	* 3.6288	* 3.2663	* 2.7082	* 3.2976	* 3.7068	* 3.5299	* 4.1252	* 4.9463
	* 3.6378	* 3.2395	* 2.7652	* 3.2634	* 3.7073	* 3.4319	* 4.0165	* 4.6894
	* 3.5559	* 3.1673	* 2.7563	* 3.1804	* 3.6140	* 3.3127	* 3.8663	* 4.4045
	* 3.1499	* 2.8199	* 2.5219	* 2.8251	* 3.1757	* 2.8882	* 3.3282	* 3.6512

11	* 3.2695	* 3.5149	* 3.2943	* 3.5518	* 3.4708	* 3.8629	* 4.8470	* 6.2504
	* 3.2870	* 3.6459	* 3.3010	* 3.6674	* 3.4362	* 3.9121	* 4.6362	* 6.0081
	* 3.2531	* 3.6463	* 3.2634	* 3.6766	* 3.3577	* 3.8581	* 4.3512	* 5.6229
	* 3.1770	* 3.5600	* 3.1835	* 3.6014	* 3.2536	* 3.7494	* 4.0800	* 5.2200
	* 2.8251	* 3.1496	* 2.8253	* 3.1822	* 2.8563	* 3.2825	* 3.4116	* 4.2636

12	* 2.6772	* 3.3122	* 3.5938	* 3.4748	* 3.8288	* 4.1812	* 5.4453	*
	* 2.7959	* 3.3151	* 3.7111	* 3.4400	* 3.8876	* 4.0081	* 5.2738	*
	* 2.8301	* 3.2737	* 3.7073	* 3.3613	* 3.8390	* 3.8014	* 5.0129	*
	* 2.8087	* 3.1901	* 3.6140	* 3.2537	* 3.7359	* 3.6014	* 4.7267	*
	* 2.5404	* 2.8228	* 3.1757	* 2.8589	* 3.2515	* 3.0729	* 3.9560	*

13	* 3.4201	* 3.5769	* 3.5769	* 3.8629	* 4.1812	* 4.7193	* 5.0987	*
	* 3.3986	* 3.6716	* 3.5338	* 3.9121	* 4.0081	* 4.4824	* 4.8535	*
	* 3.3289	* 3.6592	* 3.4347	* 3.8581	* 3.8014	* 4.2039	* 4.5470	*
	* 3.2266	* 3.5681	* 3.3128	* 3.7494	* 3.6014	* 3.9399	* 4.2418	*
	* 2.8331	* 3.1217	* 2.8882	* 3.2790	* 3.0701	* 3.2967	* 3.5116	*

14	* 3.9583	* 3.9842	* 4.1190	* 4.8548	* 5.4453	* 5.0987	*	*
	* 4.0132	* 3.8975	* 4.1252	* 4.6362	* 5.2738	* 4.8535	*	*
	* 3.9464	* 3.7431	* 4.0217	* 4.3512	* 5.0129	* 4.5470	*	*
	* 3.8233	* 3.5722	* 3.8663	* 4.0800	* 4.7267	* 4.2418	*	*
	* 3.3175	* 3.0607	* 3.3282	* 3.4116	* 3.9560	* 3.5116	*	*

15	* 5.7650	* 5.6790	* 5.0817	* 6.2632	* 4 EFPD	118 % POWER		
	* 5.5370	* 5.5868	* 4.9540	* 6.0083	* 100 EFPD	118 % POWER		
	* 5.1865	* 5.3381	* 4.6965	* 5.6257	* 200 EFPD	118 % POWER		
	* 4.8372	* 5.0417	* 4.4105	* 5.2202	* 300 EFPD	118 % POWER		
	* 3.9814	* 4.2064	* 3.6555	* 4.2641	* 450 EFPD	118 % POWER		

Table 7
Maximum Allowable Radial Peaks (MARPS)

MkBW Fuel MARPs

<u>Core Height</u> (ft)	← Axial Peak →										
	1.05	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1
0.12	1.695	1.725	1.790	1.847	1.897	1.903	1.834	1.780	1.697	1.620	1.520
1.2	1.692	1.723	1.784	1.839	1.886	1.867	1.811	1.788	1.714	1.639	1.525
2.4	1.696	1.725	1.781	1.833	1.872	1.823	1.768	1.751	1.694	1.639	1.542
3.6	1.699	1.726	1.778	1.822	1.830	1.779	1.726	1.705	1.652	1.603	1.541
4.8	1.701	1.725	1.772	1.810	1.784	1.733	1.682	1.664	1.614	1.565	1.501
6.0	1.703	1.725	1.763	1.779	1.732	1.686	1.638	1.622	1.574	1.529	1.461
7.2	1.703	1.721	1.751	1.731	1.683	1.633	1.587	1.571	1.527	1.488	1.424
8.4	1.698	1.709	1.719	1.677	1.628	1.579	1.534	1.522	1.479	1.440	1.373
9.6	1.690	1.694	1.668	1.617	1.574	1.529	1.487	1.476	1.436	1.399	1.337
10.8	1.679	1.666	1.619	1.566	1.518	1.476	1.434	1.427	1.390	1.355	1.294
12.0	1.653	1.624	1.569	1.520	1.471	1.432	1.394	1.389	1.356	1.327	1.273