

**Appendix A**

**Power Distribution Monitoring Factors**

<b>Table</b>	<b>Description</b>	<b>Page</b>
TABLE A-1	F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) NORMAL OPERATION .....	2
TABLE A-2	M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION .....	218
TABLE A-3	F-DEL-H & M-DEL-H VALUES NORMAL OPERATION .....	242
TABLE A-4	F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) POWER ESCALATION .....	251
TABLE A-5	M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION .....	299
TABLE A-6	F-DEL-H & M-DEL-H VALUES POWER ESCALATION .....	305

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1

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

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

	H	G	F	E	D	C	B	A
8	* 0.6939	* 0.6444	* 0.6138	* 0.6709	* 0.6177	* 0.5375	* 0.4551	* 0.2858
	* 2.8315	* 3.0420	* 3.1671	* 2.9089	* 3.1584	* 3.5951	* 3.8571	* 5.9812
9	* 0.6444	* 0.6295	* 0.6708	* 0.6172	* 0.6506	* 0.5652	* 0.4692	* 0.2829
	* 3.0420	* 3.0505	* 2.8662	* 3.1479	* 2.9972	* 3.4309	* 3.9604	* 6.3491
10	* 0.6138	* 0.6711	* 0.6080	* 0.6402	* 0.5977	* 0.5597	* 0.4310	
	* 3.1671	* 2.8650	* 3.1047	* 2.9794	* 3.2509	* 3.4815	* 4.4620	
11	* 0.6709	* 0.6169	* 0.6395	* 0.5702	* 0.5812	* 0.5053	* 0.3218	
	* 2.9089	* 3.1492	* 2.9800	* 3.3318	* 3.3619	* 3.8758	* 6.0611	
12	* 0.6177	* 0.6480	* 0.5965	* 0.5808	* 0.5101	* 0.3827		
	* 3.1584	* 3.0095	* 3.2573	* 3.3643	* 3.8432	* 5.1061		
13	* 0.5375	* 0.5625	* 0.5583	* 0.5043	* 0.3812			
	* 3.5951	* 3.4474	* 3.4906	* 3.8833	* 5.1272			
14	* 0.4551	* 0.4680	* 0.4294	* 0.3205				
	* 3.8571	* 3.9701	* 4.4782	* 6.0863				
15	* 0.2858	* 0.2814	* F-SUB-Q					
	* 5.9812	* 6.3825	* 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	* 1.4171	* 1.2456	* 1.1504	* 1.3174	* 1.2145	* 1.0465	* 1.0652	* 0.6141
	* 1.3979	* 1.5887	* 1.7096	* 1.4957	* 1.6210	* 1.8632	* 1.7683	* 3.0249
9	* 1.2456	* 1.2530	* 1.3110	* 1.1904	* 1.3442	* 1.1091	* 1.0568	* 0.5731
	* 1.5887	* 1.5599	* 1.4934	* 1.6506	* 1.4641	* 1.7644	* 1.8077	* 3.2675
10	* 1.1504	* 1.3121	* 1.1525	* 1.2708	* 1.1560	* 1.1982	* 0.8464	
	* 1.7096	* 1.4927	* 1.6810	* 1.5297	* 1.7015	* 1.6407	* 2.2994	
11	* 1.3174	* 1.1895	* 1.2706	* 1.0924	* 1.1609	* 1.0938	* 0.6295	
	* 1.4957	* 1.6519	* 1.5300	* 1.7769	* 1.6993	* 1.8057	* 3.1266	
12	* 1.2145	* 1.3376	* 1.1540	* 1.1600	* 1.0961	* 0.7153		
	* 1.6210	* 1.4715	* 1.7045	* 1.7007	* 1.8045	* 2.7677		
13	* 1.0465	* 1.1046	* 1.1952	* 1.0919	* 0.7133			
	* 1.8632	* 1.7736	* 1.6449	* 1.8091	* 2.7760			
14	* 1.0652	* 1.0542	* 0.8432	* 0.6267				
	* 1.7683	* 1.8120	* 2.3081	* 3.1402				
15	* 0.6141	* 0.5653	* F-SUB-Q					
	* 3.0249	* 3.3122	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.4779	* 1.4130	* 1.3071	* 1.4113	* 1.3768	* 1.2343	* 1.2438	* 0.7440 *
	* 1.3573	* 1.4182	* 1.5290	* 1.4140	* 1.4489	* 1.6036	* 1.5634	* 2.5798 *
9	* 1.4130	* 1.4097	* 1.3536	* 1.3423	* 1.4237	* 1.2799	* 1.2384	* 0.6936 *
	* 1.4182	* 1.4129	* 1.4710	* 1.4861	* 1.4017	* 1.5483	* 1.5777	* 2.7781 *
10	* 1.3071	* 1.3553	* 1.3077	* 1.3672	* 1.3220	* 1.3268	* 1.0147	*
	* 1.5290	* 1.4691	* 1.5153	* 1.4529	* 1.5076	* 1.5008	* 1.9466	*
11	* 1.4113	* 1.3414	* 1.3659	* 1.2560	* 1.2387	* 1.2664	* 0.7428	*
	* 1.4140	* 1.4871	* 1.4542	* 1.5783	* 1.6130	* 1.5780	* 2.6824	*
12	* 1.3768	* 1.4134	* 1.3189	* 1.2373	* 1.2420	* 0.8171	*	*
	* 1.4489	* 1.4122	* 1.5113	* 1.6149	* 1.6119	* 2.4371	*	*
13	* 1.2343	* 1.2724	* 1.3221	* 1.2638	* 0.8154	*	*	*
	* 1.6036	* 1.5576	* 1.5062	* 1.5814	* 2.4426	*	*	*
14	* 1.2438	* 1.2349	* 1.0105	* 0.7394	*	*	*	*
	* 1.5634	* 1.5822	* 1.9548	* 2.6945	*	*	*	*
15	* 0.7440	* 0.6859	* F-SUB-Q					
	* 2.5798	* 2.8088	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.6373	* 1.5414	* 1.4224	* 1.5669	* 1.5155	* 1.3729	* 1.4347	* 0.8301 *
	* 1.2456	* 1.3200	* 1.4303	* 1.2956	* 1.3339	* 1.4682	* 1.3852	* 2.3711 *
9	* 1.5414	* 1.5450	* 1.5056	* 1.4607	* 1.5887	* 1.4214	* 1.4282	* 0.7595 *
	* 1.3200	* 1.3175	* 1.3511	* 1.3897	* 1.2779	* 1.4191	* 1.3967	* 2.5992 *
10	* 1.4224	* 1.5081	* 1.3907	* 1.5174	* 1.4465	* 1.5018	* 1.1176	*
	* 1.4303	* 1.3488	* 1.4544	* 1.3341	* 1.4023	* 1.3485	* 1.8002	*
11	* 1.5669	* 1.4560	* 1.5156	* 1.3506	* 1.3842	* 1.4270	* 0.7947	*
	* 1.2956	* 1.3943	* 1.3358	* 1.4975	* 1.4678	* 1.4234	* 2.5485	*
12	* 1.5155	* 1.5765	* 1.4424	* 1.3823	* 1.3842	* 0.8642	*	*
	* 1.3339	* 1.2880	* 1.4064	* 1.4698	* 1.4698	* 2.3110	*	*
13	* 1.3729	* 1.4112	* 1.4955	* 1.4234	* 0.8628	*	*	*
	* 1.4682	* 1.4294	* 1.3542	* 1.4270	* 2.3151	*	*	*
14	* 1.4347	* 1.4238	* 1.1121	* 0.7905	*	*	*	*
	* 1.3852	* 1.4011	* 1.8092	* 2.5619	*	*	*	*
15	* 0.8301	* 0.7485	* F-SUB-Q					
	* 2.3711	* 2.6370	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.6850	* 1.5708	* 1.4500	* 1.6232	* 1.5683	* 1.4182	* 1.5097	* 0.8706 *
	* 1.2320	* 1.3197	* 1.4302	* 1.2734	* 1.3126	* 1.4493	* 1.3488	* 2.3240 *
9	* 1.5708	* 1.5741	* 1.5448	* 1.4962	* 1.6444	* 1.4696	* 1.5004	* 0.7966 *
	* 1.3197	* 1.3140	* 1.3425	* 1.3818	* 1.2569	* 1.3987	* 1.3606	* 2.5454 *
10	* 1.4500	* 1.5477	* 1.4327	* 1.5714	* 1.4897	* 1.5651	* 1.1705 *	
	* 1.4302	* 1.3399	* 1.4428	* 1.3135	* 1.3843	* 1.3140	* 1.7515 *	
11	* 1.6232	* 1.4907	* 1.5691	* 1.3980	* 1.4383	* 1.4895	* 0.8273 *	
	* 1.2734	* 1.3870	* 1.3155	* 1.4762	* 1.4292	* 1.3695	* 2.4592 *	
12	* 1.5683	* 1.6305	* 1.4847	* 1.4359	* 1.4389	* 0.8968 *		
	* 1.3126	* 1.2678	* 1.3892	* 1.4317	* 1.4186	* 2.2317 *		
13	* 1.4182	* 1.4578	* 1.5575	* 1.4853	* 0.8953 *			
	* 1.4493	* 1.4102	* 1.3206	* 1.3738	* 2.2356 *			
14	* 1.5097	* 1.4950	* 1.1642	* 0.8229 *				
	* 1.3488	* 1.3655	* 1.7611	* 2.4727 *				
15	* 0.8706	* 0.7867	* F-SUB-Q					
	* 2.3240	* 2.5775	* 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	* 1.7075	* 1.5853	* 1.4643	* 1.6574	* 1.6027	* 1.4464	* 1.5558	* 0.8953 *
	* 1.2227	* 1.3186	* 1.4295	* 1.2543	* 1.2936	* 1.4356	* 1.3286	* 2.3018 *
9	* 1.5853	* 1.5948	* 1.5641	* 1.5182	* 1.6786	* 1.5012	* 1.5448	* 0.8204 *
	* 1.3186	* 1.3121	* 1.3398	* 1.3714	* 1.2384	* 1.3773	* 1.3392	* 2.5129 *
10	* 1.4643	* 1.5674	* 1.4566	* 1.6045	* 1.5188	* 1.6055	* 1.2044 *	
	* 1.4295	* 1.3370	* 1.4381	* 1.2995	* 1.3644	* 1.2860	* 1.7165 *	
11	* 1.6574	* 1.5119	* 1.6017	* 1.4290	* 1.4736	* 1.5300	* 0.8491 *	
	* 1.2543	* 1.3773	* 1.3018	* 1.4601	* 1.3969	* 1.3326	* 2.3924 *	
12	* 1.6027	* 1.6634	* 1.5127	* 1.4708	* 1.4751	* 0.9201 *		
	* 1.2936	* 1.2499	* 1.3699	* 1.4003	* 1.3821	* 2.1830 *		
13	* 1.4464	* 1.4901	* 1.5968	* 1.5251	* 0.9185 *			
	* 1.4356	* 1.3879	* 1.2921	* 1.3371	* 2.1869 *			
14	* 1.5558	* 1.5387	* 1.1973	* 0.8443 *				
	* 1.3286	* 1.3446	* 1.7270	* 2.4063 *				
15	* 0.8953	* 0.8106	* F-SUB-Q					
	* 2.3018	* 2.5429	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.7464	* 1.6140	* 1.4908	* 1.7064	* 1.6490	* 1.4847	* 1.6148	* 0.9155 *
	* 1.2004	* 1.3023	* 1.4126	* 1.2238	* 1.2641	* 1.4055	* 1.2912	* 2.2732 *
9	* 1.6140	* 1.6284	* 1.6033	* 1.5518	* 1.7318	* 1.5460	* 1.6037	* 0.8354 *
	* 1.3023	* 1.2931	* 1.3141	* 1.3484	* 1.2057	* 1.3437	* 1.2995	* 2.4894 *
10	* 1.4908	* 1.6067	* 1.4731	* 1.6520	* 1.5581	* 1.6643	* 1.2298	*
	* 1.4126	* 1.3113	* 1.4329	* 1.2680	* 1.3343	* 1.2433	* 1.6871	*
11	* 1.7064	* 1.5449	* 1.6487	* 1.4528	* 1.5228	* 1.5851	* 0.8601	*
	* 1.2238	* 1.3547	* 1.2706	* 1.4440	* 1.3536	* 1.2918	* 2.3693	*
12	* 1.6490	* 1.7156	* 1.5513	* 1.5196	* 1.5258	* 0.9354	*	*
	* 1.2641	* 1.2173	* 1.3404	* 1.3569	* 1.3412	* 2.1639	*	*
13	* 1.4847	* 1.5333	* 1.6544	* 1.5795	* 0.9339	*	*	*
	* 1.4055	* 1.3550	* 1.2498	* 1.2965	* 2.1673	*	*	*
14	* 1.6148	* 1.5969	* 1.2220	* 0.8546	*	*	*	*
	* 1.2912	* 1.3051	* 1.6980	* 2.3845	*	*	*	*
15	* 0.9155	* 0.8237	* F-SUB-Q					
	* 2.2732	* 2.5244	* 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	* 1.7565	* 1.6225	* 1.4987	* 1.7264	* 1.6721	* 1.5028	* 1.6434	* 0.9269 *
	* 1.2062	* 1.3064	* 1.4155	* 1.2200	* 1.2553	* 1.3985	* 1.2816	* 2.2632 *
9	* 1.6225	* 1.6406	* 1.6140	* 1.5650	* 1.7535	* 1.5686	* 1.6317	* 0.8459 *
	* 1.3064	* 1.2940	* 1.3148	* 1.3472	* 1.2007	* 1.3326	* 1.2888	* 2.4795 *
10	* 1.4987	* 1.6176	* 1.4819	* 1.6715	* 1.5768	* 1.6913	* 1.2470	*
	* 1.4155	* 1.3119	* 1.4373	* 1.2615	* 1.3288	* 1.2327	* 1.6727	*
11	* 1.7264	* 1.5574	* 1.6678	* 1.4682	* 1.5449	* 1.6110	* 0.8696	*
	* 1.2200	* 1.3539	* 1.2644	* 1.4392	* 1.3474	* 1.2857	* 2.3677	*
12	* 1.6721	* 1.7364	* 1.5692	* 1.5413	* 1.5486	* 0.9470	*	*
	* 1.2553	* 1.2127	* 1.3353	* 1.3505	* 1.3366	* 2.1669	*	*
13	* 1.5028	* 1.5546	* 1.6803	* 1.6048	* 0.9456	*	*	*
	* 1.3985	* 1.3444	* 1.2396	* 1.2906	* 2.1702	*	*	*
14	* 1.6434	* 1.6243	* 1.2384	* 0.8636	*	*	*	*
	* 1.2816	* 1.2948	* 1.6841	* 2.3838	*	*	*	*
15	* 0.9269	* 0.8342	* F-SUB-Q					
	* 2.2632	* 2.5139	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	1.7938	1.6504	1.5230	1.7718	1.7139	1.5359	1.6955	0.9400
	1.2041	1.3085	1.4183	1.2106	1.2461	1.3896	1.2535	2.2474
9	1.6504	1.6722	1.6521	1.5943	1.8030	1.6078	1.6838	0.8540
	1.3085	1.2906	1.3073	1.3464	1.1888	1.3216	1.2622	2.4725
10	1.5230	1.6557	1.4896	1.7155	1.6119	1.7449	1.2629	
	1.4183	1.3044	1.4427	1.2491	1.3235	1.2172	1.6762	
11	1.7718	1.5860	1.7113	1.4840	1.5891	1.6597	0.8727	
	1.2106	1.3535	1.2521	1.4461	1.3340	1.2722	2.4027	
12	1.7139	1.7849	1.6034	1.5851	1.5937	0.9557		
	1.2461	1.2010	1.3305	1.3379	1.3244	2.1916		
13	1.5359	1.5927	1.7328	1.6528	0.9543			
	1.3896	1.3340	1.2244	1.2773	2.1946			
14	1.6955	1.6757	1.2534	0.8672				
	1.2535	1.2682	1.6886	2.4174				
15	0.9400	0.8389	F-SUB-Q					
	2.2474	2.5166	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	1.7458	1.6162	1.4963	1.7312	1.6883	1.5121	1.6598	0.9366
	1.2712	1.3727	1.4807	1.2721	1.2980	1.4472	1.3087	2.2995
9	1.6162	1.6389	1.6031	1.5762	1.7580	1.5831	1.6466	0.8624
	1.3727	1.3517	1.3833	1.3988	1.2515	1.3767	1.3199	2.4969
10	1.4963	1.6072	1.4902	1.6759	1.5915	1.7058	1.2682	
	1.4807	1.3798	1.4885	1.3116	1.3805	1.2730	1.7097	
11	1.7312	1.5611	1.6716	1.4859	1.5545	1.6233	0.8855	
	1.2721	1.4122	1.3150	1.4818	1.4006	1.3351	2.4287	
12	1.6883	1.7391	1.5827	1.5504	1.5574	0.9673		
	1.2980	1.2652	1.3881	1.4041	1.3915	2.2235		
13	1.5121	1.5674	1.6948	1.6161	0.9655			
	1.4472	1.3901	1.2809	1.3408	2.2274			
14	1.6598	1.6380	1.2584	0.8790				
	1.3087	1.3267	1.7225	2.4459				
15	0.9366	0.8497	F-SUB-Q					
	2.2995	2.5335	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.7994	* 1.6547	* 1.5251	* 1.7916	* 1.7406	* 1.5538	* 1.7280	* 0.9484 *
	* 1.2755	* 1.3869	* 1.5044	* 1.2705	* 1.3011	* 1.4545	* 1.2958	* 2.3367 *
9	* 1.6547	* 1.6814	* 1.6591	* 1.6040	* 1.8261	* 1.6334	* 1.7159	* 0.8630 *
	* 1.3869	* 1.3624	* 1.3818	* 1.4203	* 1.2450	* 1.3778	* 1.3060	* 2.5676 *
10	* 1.5251	* 1.6631	* 1.4960	* 1.7344	* 1.6307	* 1.7764	* 1.2787	*
	* 1.5044	* 1.3785	* 1.5226	* 1.3083	* 1.3879	* 1.2644	* 1.7495	*
11	* 1.7916	* 1.5947	* 1.7295	* 1.4968	* 1.6128	* 1.6879	* 0.8799	*
	* 1.2705	* 1.4285	* 1.3124	* 1.5203	* 1.3931	* 1.3260	* 2.5218	*
12	* 1.7406	* 1.8064	* 1.6209	* 1.6082	* 1.6173	* 0.9664	*	*
	* 1.3011	* 1.2586	* 1.3961	* 1.3979	* 1.3840	* 2.2978	*	*
13	* 1.5538	* 1.6162	* 1.7624	* 1.6799	* 0.9650	*	*	*
	* 1.4545	* 1.3920	* 1.2727	* 1.3319	* 2.3008	*	*	*
14	* 1.7280	* 1.7067	* 1.2680	* 0.8737	*	*	*	*
	* 1.2958	* 1.3129	* 1.7634	* 2.5383	*	*	*	*
15	* 0.9484	* 0.8475	* F-SUB-Q					
	* 2.3367	* 2.6139	* 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	* 1.7976	* 1.6527	* 1.5229	* 1.7983	* 1.7497	* 1.5588	* 1.7405	* 0.9512 *
	* 1.2702	* 1.3814	* 1.4975	* 1.2692	* 1.3066	* 1.4657	* 1.3163	* 2.3957 *
9	* 1.6527	* 1.6826	* 1.6581	* 1.6054	* 1.8327	* 1.6422	* 1.7274	* 0.8668 *
	* 1.3814	* 1.3576	* 1.3761	* 1.4211	* 1.2455	* 1.3907	* 1.3247	* 2.6269 *
10	* 1.5229	* 1.6622	* 1.4965	* 1.7407	* 1.6366	* 1.7870	* 1.2853	*
	* 1.4975	* 1.3727	* 1.5259	* 1.3107	* 1.3936	* 1.2772	* 1.7723	*
11	* 1.7983	* 1.5956	* 1.7354	* 1.5026	* 1.6215	* 1.6981	* 0.8839	*
	* 1.2692	* 1.4296	* 1.3146	* 1.5169	* 1.4036	* 1.3401	* 2.5634	*
12	* 1.7497	* 1.8121	* 1.6261	* 1.6161	* 1.6257	* 0.9714	*	*
	* 1.3066	* 1.2594	* 1.4025	* 1.4082	* 1.3973	* 2.3298	*	*
13	* 1.5588	* 1.6240	* 1.7730	* 1.6895	* 0.9699	*	*	*
	* 1.4657	* 1.4060	* 1.2870	* 1.3467	* 2.3334	*	*	*
14	* 1.7405	* 1.7176	* 1.2743	* 0.8772	*	*	*	*
	* 1.3163	* 1.3321	* 1.7873	* 2.5828	*	*	*	*
15	* 0.9512	* 0.8529	* F-SUB-Q					
	* 2.3957	* 2.6687	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.7544	* 1.6197	* 1.4944	* 1.7614	* 1.7249	* 1.5357	* 1.7098	* 0.9443
	* 1.2856	* 1.3922	* 1.5065	* 1.2797	* 1.3084	* 1.4685	* 1.3216	* 2.3803
9	* 1.6197	* 1.6506	* 1.6154	* 1.5845	* 1.7932	* 1.6187	* 1.6958	* 0.8694
	* 1.3922	* 1.3667	* 1.3952	* 1.4218	* 1.2572	* 1.3929	* 1.3313	* 2.5834
10	* 1.4944	* 1.6198	* 1.4846	* 1.7050	* 1.6115	* 1.7567	* 1.2831	*
	* 1.5065	* 1.3915	* 1.5182	* 1.3210	* 1.3978	* 1.2828	* 1.7528	*
11	* 1.7614	* 1.5677	* 1.6996	* 1.4951	* 1.5905	* 1.6665	* 0.8878	*
	* 1.2797	* 1.4369	* 1.3256	* 1.5057	* 1.4136	* 1.3488	* 2.5212	*
12	* 1.7249	* 1.7719	* 1.6005	* 1.5854	* 1.5940	* 0.9749	*	*
	* 1.3084	* 1.2721	* 1.4073	* 1.4181	* 1.4081	* 2.2942	*	*
13	* 1.5357	* 1.5998	* 1.7431	* 1.6576	* 0.9731	*	*	*
	* 1.4685	* 1.4091	* 1.2926	* 1.3560	* 2.2984	*	*	*
14	* 1.7098	* 1.6854	* 1.2715	* 0.8800	*	*	*	*
	* 1.3216	* 1.3393	* 1.7685	* 2.5432	*	*	*	*
15	* 0.9443	* 0.8560	* F-SUB-Q					
	* 2.3803	* 2.6233	* 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	* 1.7891	* 1.6389	* 1.5091	* 1.7998	* 1.7582	* 1.5610	* 1.7601	* 0.9464
	* 1.2514	* 1.3657	* 1.4807	* 1.2428	* 1.2734	* 1.4328	* 1.2717	* 2.3472
9	* 1.6389	* 1.6734	* 1.6516	* 1.5972	* 1.8402	* 1.6522	* 1.7476	* 0.8616
	* 1.3657	* 1.3377	* 1.3537	* 1.3995	* 1.2156	* 1.3537	* 1.2803	* 2.5764
10	* 1.5091	* 1.6558	* 1.4866	* 1.7439	* 1.6374	* 1.8056	* 1.2800	*
	* 1.4807	* 1.3503	* 1.5018	* 1.2807	* 1.3648	* 1.2383	* 1.7402	*
11	* 1.7998	* 1.5863	* 1.7371	* 1.4885	* 1.6323	* 1.7130	* 0.8724	*
	* 1.2428	* 1.4089	* 1.2856	* 1.4984	* 1.3653	* 1.3004	* 2.5362	*
12	* 1.7582	* 1.8181	* 1.6255	* 1.6252	* 1.6359	* 0.9652	*	*
	* 1.2734	* 1.2301	* 1.3745	* 1.3710	* 1.3587	* 2.2904	*	*
13	* 1.5610	* 1.6316	* 1.7906	* 1.7033	* 0.9637	*	*	*
	* 1.4328	* 1.3705	* 1.2483	* 1.3075	* 2.2938	*	*	*
14	* 1.7601	* 1.7366	* 1.2676	* 0.8654	*	*	*	*
	* 1.2717	* 1.2882	* 1.7567	* 2.5559	*	*	*	*
15	* 0.9464	* 0.8450	* F-SUB-Q					
	* 2.3472	* 2.6259	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.7863	* 1.6309	* 1.5013	* 1.8013	* 1.7610	* 1.5605	* 1.7710	* 0.9420 *
	* 1.2314	* 1.3484	* 1.4623	* 1.2199	* 1.2495	* 1.4075	* 1.2404	* 2.3133 *
9	* 1.6309	* 1.6683	* 1.6493	* 1.5922	* 1.8447	* 1.6564	* 1.7588	* 0.8560 *
	* 1.3484	* 1.3180	* 1.3319	* 1.3792	* 1.1912	* 1.3263	* 1.2487	* 2.5445 *
10	* 1.5013	* 1.6535	* 1.4810	* 1.7471	* 1.6366	* 1.8160	* 1.2739	*
	* 1.4623	* 1.3285	* 1.4799	* 1.2558	* 1.3413	* 1.2093	* 1.7171	*
11	* 1.8013	* 1.5807	* 1.7398	* 1.4842	* 1.6387	* 1.7217	* 0.8634	*
	* 1.2199	* 1.3889	* 1.2609	* 1.4755	* 1.3362	* 1.2712	* 2.5181	*
12	* 1.7610	* 1.8218	* 1.6239	* 1.6312	* 1.6421	* 0.9584	*	*
	* 1.2495	* 1.2058	* 1.3514	* 1.3421	* 1.3303	* 2.2674	*	*
13	* 1.5605	* 1.6347	* 1.7997	* 1.7115	* 0.9565	*	*	*
	* 1.4075	* 1.3434	* 1.2197	* 1.2786	* 2.2717	*	*	*
14	* 1.7710	* 1.7472	* 1.2609	* 0.8564	*	*	*	*
	* 1.2404	* 1.2567	* 1.7342	* 2.5382	*	*	*	*
15	* 0.9420	* 0.8384	* F-SUB-Q					
	* 2.3133	* 2.5968	* 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	* 1.7629	* 1.6107	* 1.4817	* 1.7837	* 1.7475	* 1.5455	* 1.7577	* 0.9336 *
	* 1.2312	* 1.3469	* 1.4618	* 1.2151	* 1.2414	* 1.4010	* 1.2313	* 2.2997 *
9	* 1.6107	* 1.6495	* 1.6282	* 1.5736	* 1.8266	* 1.6430	* 1.7451	* 0.8509 *
	* 1.3469	* 1.3148	* 1.3304	* 1.3764	* 1.1865	* 1.3182	* 1.2400	* 2.5224 *
10	* 1.4817	* 1.6325	* 1.4625	* 1.7311	* 1.6216	* 1.8033	* 1.2657	*
	* 1.4618	* 1.3276	* 1.4780	* 1.2500	* 1.3350	* 1.2005	* 1.7036	*
11	* 1.7837	* 1.5619	* 1.7235	* 1.4684	* 1.6246	* 1.7075	* 0.8588	*
	* 1.2151	* 1.3866	* 1.2553	* 1.4710	* 1.3294	* 1.2642	* 2.4971	*
12	* 1.7475	* 1.8033	* 1.6085	* 1.6169	* 1.6275	* 0.9538	*	*
	* 1.2414	* 1.2016	* 1.3456	* 1.3356	* 1.3241	* 2.2479	*	*
13	* 1.5455	* 1.6206	* 1.7869	* 1.6969	* 0.9522	*	*	*
	* 1.4010	* 1.3359	* 1.2111	* 1.2718	* 2.2514	*	*	*
14	* 1.7577	* 1.7331	* 1.2524	* 0.8514	*	*	*	*
	* 1.2313	* 1.2484	* 1.7212	* 2.5182	*	*	*	*
15	* 0.9336	* 0.8339	* F-SUB-Q					
	* 2.2997	* 2.5725	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.7031	* 1.5676	* 1.4424	* 1.7325	* 1.7065	* 1.5082	* 1.7076	* 0.9197 *
	* 1.2618	* 1.3701	* 1.4867	* 1.2380	* 1.2575	* 1.4201	* 1.2529	* 2.3077 *
9	* 1.5676	* 1.6067	* 1.5736	* 1.5385	* 1.7698	* 1.6030	* 1.6933	* 0.8476 *
	* 1.3701	* 1.3361	* 1.3619	* 1.3929	* 1.2119	* 1.3362	* 1.2634	* 2.5032 *
10	* 1.4424	* 1.5776	* 1.4366	* 1.6821	* 1.5830	* 1.7547	* 1.2555	*
	* 1.4867	* 1.3601	* 1.4886	* 1.2729	* 1.3532	* 1.2201	* 1.6985	*
11	* 1.7325	* 1.5221	* 1.6744	* 1.4534	* 1.5778	* 1.6582	* 0.8603	*
	* 1.2380	* 1.4082	* 1.2786	* 1.4714	* 1.3543	* 1.2878	* 2.4660	*
12	* 1.7065	* 1.7461	* 1.5697	* 1.5700	* 1.5799	* 0.9513	*	*
	* 1.2575	* 1.2281	* 1.3643	* 1.3609	* 1.3496	* 2.2301	*	*
13	* 1.5082	* 1.5805	* 1.7381	* 1.6474	* 0.9494	*	*	*
	* 1.4201	* 1.3547	* 1.2314	* 1.2959	* 2.2343	*	*	*
14	* 1.7076	* 1.6810	* 1.2421	* 0.8516	*	*	*	*
	* 1.2529	* 1.2724	* 1.7163	* 2.4906	*	*	*	*
15	* 0.9197	* 0.8338	* F-SUB-Q					
	* 2.3077	* 2.5436	* 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	* 1.7442	* 1.5844	* 1.4557	* 1.7686	* 1.7321	* 1.5244	* 1.7504	* 0.9132 *
	* 1.2107	* 1.3320	* 1.4479	* 1.1930	* 1.2191	* 1.3831	* 1.2043	* 2.2948 *
9	* 1.5844	* 1.6277	* 1.6106	* 1.5489	* 1.8144	* 1.6279	* 1.7380	* 0.8308 *
	* 1.3320	* 1.2963	* 1.3088	* 1.3614	* 1.1632	* 1.2958	* 1.2127	* 2.5218 *
10	* 1.4557	* 1.6148	* 1.4376	* 1.7175	* 1.6017	* 1.7965	* 1.2401	*
	* 1.4479	* 1.3063	* 1.4642	* 1.2271	* 1.3163	* 1.1740	* 1.6949	*
11	* 1.7686	* 1.5364	* 1.7094	* 1.4475	* 1.6150	* 1.6990	* 0.8352	*
	* 1.1930	* 1.3723	* 1.2329	* 1.4539	* 1.3038	* 1.2388	* 2.5077	*
12	* 1.7321	* 1.7900	* 1.5877	* 1.6067	* 1.6169	* 0.9323	*	*
	* 1.2191	* 1.1788	* 1.3278	* 1.3104	* 1.3002	* 2.2464	*	*
13	* 1.5244	* 1.6040	* 1.7788	* 1.6875	* 0.9302	*	*	*
	* 1.3831	* 1.3148	* 1.1854	* 1.2470	* 2.2512	*	*	*
14	* 1.7504	* 1.7251	* 1.2260	* 0.8276	*	*	*	*
	* 1.2043	* 1.2216	* 1.7140	* 2.5303	*	*	*	*
15	* 0.9132	* 0.8128	* F-SUB-Q					
	* 2.2948	* 2.5765	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.7202	* 1.5618	* 1.4333	* 1.7412	* 1.7084	* 1.5002	* 1.7230	* 0.8939 *
	* 1.2005	* 1.3212	* 1.4381	* 1.1849	* 1.2083	* 1.3741	* 1.1961	* 2.2932 *
9	* 1.5618	* 1.6051	* 1.5869	* 1.5246	* 1.7880	* 1.6041	* 1.7114	* 0.8141 *
	* 1.3212	* 1.2854	* 1.3000	* 1.3526	* 1.1544	* 1.2857	* 1.2040	* 2.5176 *
10	* 1.4333	* 1.5913	* 1.4135	* 1.6903	* 1.5775	* 1.7704	* 1.2170	*
	* 1.4381	* 1.2965	* 1.4567	* 1.2195	* 1.3071	* 1.1648	* 1.6890	*
11	* 1.7412	* 1.5119	* 1.6820	* 1.4237	* 1.5894	* 1.6726	* 0.8178	*
	* 1.1849	* 1.3638	* 1.2254	* 1.4458	* 1.2958	* 1.2307	* 2.5059	*
12	* 1.7084	* 1.7634	* 1.5633	* 1.5810	* 1.5905	* 0.9151	*	*
	* 1.2083	* 1.1702	* 1.3188	* 1.3025	* 1.2930	* 2.2397	*	*
13	* 1.5002	* 1.5798	* 1.7524	* 1.6610	* 0.9131	*	*	*
	* 1.3741	* 1.3051	* 1.1765	* 1.2391	* 2.2445	*	*	*
14	* 1.7230	* 1.6983	* 1.2028	* 0.8102	*	*	*	*
	* 1.1960	* 1.2132	* 1.7088	* 2.5291	*	*	*	*
15	* 0.8939	* 0.7958	* F-SUB-Q					
	* 2.2932	* 2.5744	* 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	* 1.6938	* 1.5336	* 1.4050	* 1.6978	* 1.6696	* 1.4641	* 1.6707	* 0.8659 *
	* 1.1972	* 1.3211	* 1.4408	* 1.1932	* 1.2135	* 1.3824	* 1.2110	* 2.3250 *
9	* 1.5336	* 1.5733	* 1.5610	* 1.4924	* 1.7537	* 1.5640	* 1.6686	* 0.8080 *
	* 1.3211	* 1.2875	* 1.2978	* 1.3569	* 1.1556	* 1.2944	* 1.2122	* 2.4913 *
10	* 1.4050	* 1.5654	* 1.3815	* 1.6457	* 1.5420	* 1.7305	* 1.1860	*
	* 1.4408	* 1.2942	* 1.4637	* 1.2299	* 1.3128	* 1.1702	* 1.7020	*
11	* 1.6978	* 1.4799	* 1.6376	* 1.3893	* 1.5459	* 1.6324	* 0.7965	*
	* 1.1932	* 1.3682	* 1.2358	* 1.4550	* 1.3081	* 1.2381	* 2.5276	*
12	* 1.6696	* 1.7293	* 1.5281	* 1.5393	* 1.5519	* 0.9108	*	*
	* 1.2135	* 1.1718	* 1.3246	* 1.3140	* 1.3014	* 2.2104	*	*
13	* 1.4641	* 1.5401	* 1.7106	* 1.6210	* 0.9087	*	*	*
	* 1.3824	* 1.3142	* 1.1836	* 1.2467	* 2.2155	*	*	*
14	* 1.6707	* 1.6559	* 1.1720	* 0.7889	*	*	*	*
	* 1.2110	* 1.2214	* 1.7220	* 2.5516	*	*	*	*
15	* 0.8659	* 0.7735	* F-SUB-Q					
	* 2.3250	* 2.6018	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.6488	* 1.4885	* 1.3624	* 1.6257	* 1.6048	* 1.4062	* 1.5945	* 0.8221 *
	* 1.2122	* 1.3415	* 1.4648	* 1.2282	* 1.2440	* 1.4184	* 1.2500	* 2.4143 *
9	* 1.4885	* 1.5228	* 1.5192	* 1.4457	* 1.6985	* 1.4980	* 1.5939	* 0.7660 *
	* 1.3415	* 1.3110	* 1.3145	* 1.3805	* 1.1759	* 1.3315	* 1.2504	* 2.5904 *
10	* 1.3624	* 1.5234	* 1.3361	* 1.5697	* 1.4880	* 1.6653	* 1.1378 *	
	* 1.4648	* 1.3109	* 1.4921	* 1.2708	* 1.3407	* 1.1981	* 1.7485 *	
11	* 1.6257	* 1.4339	* 1.5621	* 1.3432	* 1.4918	* 1.5664	* 0.7666 *	
	* 1.2282	* 1.3918	* 1.2769	* 1.4833	* 1.3363	* 1.2715	* 2.5891 *	
12	* 1.6048	* 1.6752	* 1.4748	* 1.4863	* 1.4906	* 0.8758 *		
	* 1.2440	* 1.1921	* 1.3525	* 1.3413	* 1.3353	* 2.2662 *		
13	* 1.4062	* 1.4755	* 1.6464	* 1.5554	* 0.8736 *			
	* 1.4184	* 1.3516	* 1.2117	* 1.2803	* 2.2716 *			
14	* 1.5945	* 1.5815	* 1.1243	* 0.7591 *				
	* 1.2500	* 1.2601	* 1.7692	* 2.6143 *				
15	* 0.8221	* 0.7390	* F-SUB-Q					
	* 2.4143	* 2.6845	* 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	* 1.5490	* 1.4138	* 1.2967	* 1.5359	* 1.5128	* 1.3138	* 1.4533	* 0.7538 *
	* 1.2761	* 1.3967	* 1.5221	* 1.2851	* 1.3044	* 1.5010	* 1.3558	* 2.6044 *
9	* 1.4138	* 1.4577	* 1.4314	* 1.3840	* 1.6013	* 1.4046	* 1.4527	* 0.7063 *
	* 1.3967	* 1.3541	* 1.3790	* 1.4258	* 1.2331	* 1.4038	* 1.3562	* 2.7793 *
10	* 1.2967	* 1.4354	* 1.2763	* 1.4834	* 1.4157	* 1.5479	* 1.0543 *	
	* 1.5221	* 1.3759	* 1.5446	* 1.3298	* 1.3929	* 1.2742	* 1.8660 *	
11	* 1.5359	* 1.3732	* 1.4772	* 1.2782	* 1.3969	* 1.4550	* 0.7205 *	
	* 1.2851	* 1.4370	* 1.3353	* 1.5416	* 1.4111	* 1.3531	* 2.7247 *	
12	* 1.5128	* 1.5799	* 1.4038	* 1.3918	* 1.3964	* 0.8308 *		
	* 1.3044	* 1.2497	* 1.4047	* 1.4161	* 1.4093	* 2.3627 *		
13	* 1.3138	* 1.3842	* 1.5308	* 1.4451	* 0.8286 *			
	* 1.5010	* 1.4243	* 1.2882	* 1.3623	* 2.3686 *			
14	* 1.4533	* 1.4417	* 1.0422	* 0.7134 *				
	* 1.3558	* 1.3664	* 1.8874	* 2.7518 *				
15	* 0.7538	* 0.6837	* F-SUB-Q					
	* 2.6044	* 2.8701	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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	* 1.3954	* 1.1918	* 1.1105	* 1.3728	* 1.2721	* 1.0750	* 1.1877	* 0.6129
	* 1.4041	* 1.6434	* 1.7617	* 1.4254	* 1.5379	* 1.8195	* 1.6439	* 3.1784
9	* 1.1918	* 1.2582	* 1.2986	* 1.1907	* 1.4259	* 1.1811	* 1.1679	* 0.5773
	* 1.6434	* 1.5557	* 1.5071	* 1.6430	* 1.3723	* 1.6552	* 1.6716	* 3.3743
10	* 1.1105	* 1.2993	* 1.1117	* 1.3348	* 1.2087	* 1.3163	* 0.8607	
	* 1.7617	* 1.5062	* 1.7598	* 1.4651	* 1.6176	* 1.4844	* 2.2669	
11	* 1.3728	* 1.1808	* 1.3280	* 1.0951	* 1.2257	* 1.1933	* 0.6087	
	* 1.4254	* 1.6572	* 1.4725	* 1.7846	* 1.5934	* 1.6357	* 3.2006	
12	* 1.2721	* 1.4058	* 1.1992	* 1.2213	* 1.1706	* 0.7092		
	* 1.5379	* 1.3919	* 1.6303	* 1.5991	* 1.6667	* 2.7460		
13	* 1.0750	* 1.1650	* 1.3035	* 1.1855	* 0.7072			
	* 1.8195	* 1.6779	* 1.4988	* 1.6464	* 2.7538			
14	* 1.1877	* 1.1586	* 0.8514	* 0.6026				
	* 1.6439	* 1.6848	* 2.2914	* 3.2326				
15	* 0.6129	* 0.5660	* F-SUB-Q					
	* 3.1784	* 3.4407	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.6006	* 0.5374	* 0.5267	* 0.6108	* 0.5681	* 0.4946	* 0.4709	* 0.2784
	* 3.2441	* 3.6251	* 3.6956	* 3.1861	* 3.4251	* 3.9316	* 4.1248	* 6.9649
9	* 0.5374	* 0.5585	* 0.5912	* 0.5474	* 0.6042	* 0.5228	* 0.4607	* 0.2595
	* 3.6251	* 3.4855	* 3.2924	* 3.5548	* 3.2197	* 3.7183	* 4.2157	* 7.4737
10	* 0.5267	* 0.5913	* 0.5262	* 0.5913	* 0.5404	* 0.5355	* 0.3903	
	* 3.6956	* 3.2916	* 3.6976	* 3.2886	* 3.5983	* 3.6288	* 4.9734	
11	* 0.6108	* 0.5436	* 0.5895	* 0.5086	* 0.5369	* 0.4671	* 0.2774	
	* 3.1861	* 3.5792	* 3.2990	* 3.8220	* 3.6181	* 4.1553	* 6.9915	
12	* 0.5681	* 0.5976	* 0.5362	* 0.5350	* 0.4668	* 0.3349		
	* 3.4251	* 3.2551	* 3.6258	* 3.6309	* 4.1566	* 5.7874		
13	* 0.4946	* 0.5166	* 0.5305	* 0.4643	* 0.3338			
	* 3.9316	* 3.7628	* 3.6627	* 4.1796	* 5.8067			
14	* 0.4709	* 0.4572	* 0.3864	* 0.2748				
	* 4.1248	* 4.2472	* 5.0231	* 7.0580				
15	* 0.2784	* 0.2584	* F-SUB-Q					
	* 6.9649	* 7.5026	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6267	* 0.5813	* 0.5598	* 0.6199	* 0.5720	* 0.5010	* 0.4306	* 0.2757
	* 3.0684	* 3.3008	* 3.4035	* 3.0798	* 3.3357	* 3.7598	* 3.9513	* 6.0593
9	* 0.5813	* 0.5752	* 0.6151	* 0.5662	* 0.6070	* 0.5230	* 0.4468	* 0.2729
	* 3.3008	* 3.2664	* 3.0492	* 3.3572	* 3.1416	* 3.6258	* 4.0601	* 6.4309
10	* 0.5598	* 0.6154	* 0.5445	* 0.5997	* 0.5497	* 0.5319	* 0.4055	
	* 3.4035	* 3.0478	* 3.3652	* 3.1220	* 3.4589	* 3.5823	* 4.6359	
11	* 0.6199	* 0.5654	* 0.5990	* 0.5249	* 0.5526	* 0.4820	* 0.3090	
	* 3.0798	* 3.3597	* 3.1226	* 3.5524	* 3.4599	* 3.9751	* 6.1762	
12	* 0.5720	* 0.6047	* 0.5487	* 0.5523	* 0.4885	* 0.3661		
	* 3.3357	* 3.1534	* 3.4652	* 3.4621	* 3.9289	* 5.2353		
13	* 0.5010	* 0.5209	* 0.5306	* 0.4811	* 0.3647			
	* 3.7598	* 3.6418	* 3.5909	* 3.9819	* 5.2561			
14	* 0.4306	* 0.4458	* 0.4041	* 0.3078				
	* 3.9513	* 4.0691	* 4.6509	* 6.1996				
15	* 0.2757	* 0.2713	* F-SUB-Q					
	* 6.0593	* 6.4679	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2706	* 1.1152	* 1.0449	* 1.2086	* 1.1170	* 0.9683	* 1.0080	* 0.5893
	* 1.5274	* 1.7391	* 1.8456	* 1.5953	* 1.7250	* 1.9699	* 1.8250	* 3.0813
9	* 1.1152	* 1.1359	* 1.1926	* 1.0905	* 1.2399	* 1.0315	* 1.0035	* 0.5511
	* 1.7391	* 1.6857	* 1.6007	* 1.7617	* 1.5531	* 1.8589	* 1.8596	* 3.3213
10	* 1.0449	* 1.1935	* 1.0315	* 1.1782	* 1.0757	* 1.1239	* 0.7928	
	* 1.8456	* 1.5999	* 1.8280	* 1.6195	* 1.7905	* 1.7110	* 2.4006	
11	* 1.2086	* 1.0882	* 1.1771	* 0.9953	* 1.0935	* 1.0356	* 0.6021	
	* 1.5953	* 1.7626	* 1.6198	* 1.9118	* 1.7660	* 1.8665	* 3.1997	
12	* 1.1170	* 1.2346	* 1.0739	* 1.0928	* 1.0384	* 0.6835		
	* 1.7250	* 1.5600	* 1.7936	* 1.7672	* 1.8651	* 2.8375		
13	* 0.9683	* 1.0276	* 1.1214	* 1.0340	* 0.6816			
	* 1.9699	* 1.8662	* 1.7148	* 1.8695	* 2.8452			
14	* 1.0080	* 1.0013	* 0.7902	* 0.5996				
	* 1.8250	* 1.8635	* 2.4086	* 3.2126				
15	* 0.5893	* 0.5438	* F-SUB-Q					
	* 3.0813	* 3.3659	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3584	* 1.2694	* 1.1885	* 1.3266	* 1.2784	* 1.1472	* 1.1948	* 0.7245
	* 1.4478	* 1.5455	* 1.6471	* 1.4736	* 1.5277	* 1.6895	* 1.5901	* 2.5907
9	* 1.2694	* 1.2898	* 1.2663	* 1.2468	* 1.3373	* 1.2000	* 1.1871	* 0.6766
	* 1.5455	* 1.5119	* 1.5408	* 1.5680	* 1.4616	* 1.6202	* 1.6087	* 2.7847
10	* 1.1885	* 1.2677	* 1.1862	* 1.2931	* 1.2395	* 1.2652	* 0.9594	
	* 1.6471	* 1.5391	* 1.6375	* 1.5050	* 1.5762	* 1.5410	* 2.0147	
11	* 1.3266	* 1.2435	* 1.2920	* 1.1581	* 1.2002	* 1.2231	* 0.7207	
	* 1.4736	* 1.5701	* 1.5063	* 1.6780	* 1.6312	* 1.5999	* 2.7078	
12	* 1.2784	* 1.3294	* 1.2368	* 1.1989	* 1.1988	* 0.7960		
	* 1.5277	* 1.4706	* 1.5797	* 1.6330	* 1.6362	* 2.4525		
13	* 1.1472	* 1.1945	* 1.2611	* 1.2208	* 0.7944			
	* 1.6895	* 1.6279	* 1.5461	* 1.6029	* 2.4578			
14	* 1.1948	* 1.1843	* 0.9559	* 0.7177				
	* 1.5901	* 1.6126	* 2.0221	* 2.7190				
15	* 0.7245	* 0.6696	* F-SUB-Q					
	* 2.5907	* 2.8134	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5199	* 1.3936	* 1.3007	* 1.4942	* 1.4215	* 1.2847	* 1.3979	* 0.8186
	* 1.3169	* 1.4339	* 1.5340	* 1.3320	* 1.3946	* 1.5378	* 1.3898	* 2.3522
9	* 1.3936	* 1.4199	* 1.4143	* 1.3711	* 1.5109	* 1.3445	* 1.3862	* 0.7519
	* 1.4339	* 1.4012	* 1.4077	* 1.4528	* 1.3175	* 1.4727	* 1.4074	* 2.5689
10	* 1.3007	* 1.4159	* 1.2926	* 1.4572	* 1.3742	* 1.4487	* 1.0666	
	* 1.5340	* 1.4061	* 1.5305	* 1.3623	* 1.4478	* 1.3699	* 1.8474	
11	* 1.4942	* 1.3668	* 1.4555	* 1.2656	* 1.3624	* 1.4001	* 0.7814	
	* 1.3320	* 1.4574	* 1.3639	* 1.5707	* 1.4626	* 1.4216	* 2.5413	
12	* 1.4215	* 1.5013	* 1.3705	* 1.3606	* 1.3577	* 0.8572		
	* 1.3946	* 1.3261	* 1.4519	* 1.4646	* 1.4694	* 2.2847		
13	* 1.2847	* 1.3370	* 1.4432	* 1.3971	* 0.8559			
	* 1.5378	* 1.4811	* 1.3746	* 1.4248	* 2.2885			
14	* 1.3979	* 1.3824	* 1.0619	* 0.7780				
	* 1.3898	* 1.4114	* 1.8556	* 2.5526				
15	* 0.8186	* 0.7415	* F-SUB-Q					
	* 2.3522	* 2.6048	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5711	* 1.4262	* 1.3371	* 1.5602	* 1.4810	* 1.3363	* 1.4854	* 0.8685
	* 1.2997	* 1.4307	* 1.5238	* 1.3009	* 1.3654	* 1.5101	* 1.3422	* 2.2819
9	* 1.4262	* 1.4623	* 1.4663	* 1.4147	* 1.5782	* 1.4045	* 1.4779	* 0.7979
	* 1.4307	* 1.3913	* 1.3886	* 1.4362	* 1.2829	* 1.4371	* 1.3514	* 2.4896
10	* 1.3371	* 1.4680	* 1.3315	* 1.5222	* 1.4273	* 1.5291	* 1.1280	
	* 1.5238	* 1.3869	* 1.5199	* 1.3315	* 1.4194	* 1.3161	* 1.7828	
11	* 1.5602	* 1.4097	* 1.5202	* 1.3115	* 1.4317	* 1.4789	* 0.8234	
	* 1.3009	* 1.4414	* 1.3333	* 1.5462	* 1.4097	* 1.3527	* 2.4279	
12	* 1.4810	* 1.5667	* 1.4227	* 1.4295	* 1.4285	* 0.9014		
	* 1.3654	* 1.2959	* 1.4242	* 1.4119	* 1.3998	* 2.1788		
13	* 1.3363	* 1.3958	* 1.5236	* 1.4753	* 0.9001			
	* 1.5101	* 1.4462	* 1.3212	* 1.3564	* 2.1822			
14	* 1.4854	* 1.4729	* 1.1228	* 0.8191				
	* 1.3422	* 1.3561	* 1.7912	* 2.4412				
15	* 0.8685	* 0.7887	* F-SUB-Q					
	* 2.2819	* 2.5185	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5972	* 1.4440	* 1.3596	* 1.6028	* 1.5218	* 1.3708	* 1.5435	* 0.9018
	* 1.2897	* 1.4289	* 1.5156	* 1.2765	* 1.3415	* 1.4905	* 1.3153	* 2.2464
9	* 1.4440	* 1.4881	* 1.4962	* 1.4442	* 1.6271	* 1.4465	* 1.5406	* 0.8303
	* 1.4289	* 1.3864	* 1.3796	* 1.4192	* 1.2544	* 1.4061	* 1.3168	* 2.4412
10	* 1.3596	* 1.4980	* 1.3582	* 1.5650	* 1.4647	* 1.5858	* 1.1702	
	* 1.5156	* 1.3779	* 1.5124	* 1.3102	* 1.3911	* 1.2749	* 1.7379	
11	* 1.6029	* 1.4386	* 1.5626	* 1.3494	* 1.4797	* 1.5338	* 0.8536	
	* 1.2765	* 1.4250	* 1.3127	* 1.5218	* 1.3673	* 1.3053	* 2.3413	
12	* 1.5218	* 1.6093	* 1.4594	* 1.4771	* 1.4786	* 0.9348		
	* 1.3415	* 1.2692	* 1.3965	* 1.3699	* 1.3530	* 2.1117		
13	* 1.3708	* 1.4368	* 1.5793	* 1.5296	* 0.9334			
	* 1.4905	* 1.4158	* 1.2804	* 1.3092	* 2.1151			
14	* 1.5435	* 1.5349	* 1.1643	* 0.8488				
	* 1.3153	* 1.3219	* 1.7469	* 2.3549				
15	* 0.9018	* 0.8201	* F-SUB-Q					
	* 2.2464	* 2.4714	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6387	* 1.4734	* 1.3907	* 1.6602	* 1.5725	* 1.4130	* 1.6149	* 0.9301
	* 1.2633	* 1.4095	* 1.4919	* 1.2393	* 1.3069	* 1.4557	* 1.2714	* 2.2067
9	* 1.4734	* 1.5241	* 1.5400	* 1.4830	* 1.6904	* 1.4985	* 1.6168	* 0.8520
	* 1.4095	* 1.3640	* 1.3504	* 1.3901	* 1.2144	* 1.3649	* 1.2667	* 2.4075
10	* 1.3907	* 1.5419	* 1.3935	* 1.6221	* 1.5111	* 1.6562	* 1.2027	*
	* 1.4919	* 1.3486	* 1.4864	* 1.2699	* 1.3545	* 1.2247	* 1.7001	*
11	* 1.6602	* 1.4767	* 1.6193	* 1.3837	* 1.5408	* 1.6012	* 0.8714	*
	* 1.2393	* 1.3966	* 1.2728	* 1.4888	* 1.3161	* 1.2580	* 2.3043	*
12	* 1.5725	* 1.6703	* 1.5049	* 1.5379	* 1.5411	* 0.9586	*	*
	* 1.3069	* 1.2294	* 1.3603	* 1.3187	* 1.3060	* 2.0795	*	*
13	* 1.4130	* 1.4876	* 1.6487	* 1.5964	* 0.9573	*	*	*
	* 1.4557	* 1.3752	* 1.2305	* 1.2620	* 2.0823	*	*	*
14	* 1.6149	* 1.6102	* 1.1961	* 0.8662	*	*	*	*
	* 1.2714	* 1.2720	* 1.7095	* 2.3182	*	*	*	*
15	* 0.9301	* 0.8408	* F-SUB-Q					
	* 2.2067	* 2.4392	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6512	* 1.4831	* 1.4038	* 1.6869	* 1.6004	* 1.4357	* 1.6548	* 0.9489
	* 1.2673	* 1.4124	* 1.4897	* 1.2319	* 1.2949	* 1.4451	* 1.2562	* 2.1847
9	* 1.4831	* 1.5392	* 1.5561	* 1.5021	* 1.7223	* 1.5284	* 1.6599	* 0.8695
	* 1.4124	* 1.3626	* 1.3463	* 1.3848	* 1.2029	* 1.3490	* 1.2474	* 2.3842
10	* 1.4038	* 1.5582	* 1.4100	* 1.6499	* 1.5363	* 1.6953	* 1.2271	*
	* 1.4897	* 1.3461	* 1.4824	* 1.2553	* 1.3453	* 1.2094	* 1.6781	*
11	* 1.6869	* 1.4951	* 1.6462	* 1.4048	* 1.5730	* 1.6393	* 0.8877	*
	* 1.2319	* 1.3920	* 1.2584	* 1.4759	* 1.3048	* 1.2460	* 2.2909	*
12	* 1.6004	* 1.7007	* 1.5295	* 1.5697	* 1.5751	* 0.9784	*	*
	* 1.2949	* 1.2185	* 1.3515	* 1.3075	* 1.2961	* 2.0714	*	*
13	* 1.4357	* 1.5164	* 1.6870	* 1.6339	* 0.9770	*	*	*
	* 1.4451	* 1.3598	* 1.2155	* 1.2502	* 2.0741	*	*	*
14	* 1.6548	* 1.6526	* 1.2200	* 0.8822	*	*	*	*
	* 1.2562	* 1.2531	* 1.6880	* 2.3052	*	*	*	*
15	* 0.9489	* 0.8589	* F-SUB-Q					
	* 2.1847	* 2.4133	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6892	1.5093	1.4300	1.7381	1.6444	1.4711	1.7175	0.9681
	1.2639	1.4152	1.4909	1.2200	1.2848	1.4352	1.2238	2.1628
9	1.5093	1.5709	1.5964	1.5350	1.7785	1.5730	1.7263	0.8831
	1.4152	1.3587	1.3333	1.3825	1.1881	1.3361	1.2144	2.3704
10	1.4300	1.5974	1.4393	1.7027	1.5757	1.7571	1.2483	
	1.4909	1.3348	1.4761	1.2401	1.3389	1.1910	1.6782	
11	1.7381	1.5270	1.6985	1.4381	1.6267	1.6971	0.8957	
	1.2200	1.3890	1.2434	1.4695	1.2894	1.2306	2.3192	
12	1.6444	1.7554	1.5681	1.6230	1.6290	0.9931		
	1.2848	1.2039	1.3455	1.2922	1.2820	2.0896		
13	1.4711	1.5598	1.7478	1.6911	0.9918			
	1.4352	1.3475	1.1973	1.2350	2.0921			
14	1.7175	1.7181	1.2403	0.8907				
	1.2238	1.2202	1.6890	2.3319				
15	0.9681	0.8684	F-SUB-Q					
	2.1628	2.4099	M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6431	1.4794	1.4102	1.7006	1.6245	1.4537	1.6884	0.9709
	1.3364	1.4851	1.5566	1.2835	1.3382	1.4934	1.2755	2.2058
9	1.4794	1.5418	1.5595	1.5124	1.7453	1.5548	1.6975	0.8976
	1.4851	1.4233	1.4036	1.4442	1.2457	1.3907	1.2667	2.3860
10	1.4102	1.5583	1.4184	1.6687	1.5569	1.7294	1.2612	
	1.5566	1.4047	1.5402	1.3027	1.3954	1.2454	1.7070	
11	1.7006	1.5043	1.6640	1.4275	1.5977	1.6708	0.9152	
	1.2835	1.4507	1.3062	1.5294	1.3524	1.2878	2.3366	
12	1.6245	1.7214	1.5489	1.5939	1.6017	1.0121		
	1.3382	1.2631	1.4025	1.3555	1.3436	2.1137		
13	1.4537	1.5412	1.7196	1.6644	1.0103			
	1.4934	1.4029	1.2524	1.2925	2.1171			
14	1.6884	1.6890	1.2529	0.9089				
	1.2755	1.2730	1.7180	2.3522				
15	0.9709	0.8851	F-SUB-Q					
	2.2058	2.4192	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6964	* 1.5138	* 1.4378	* 1.7668	* 1.6776	* 1.4956	* 1.7684	* 0.9880
	* 1.3405	* 1.5036	* 1.5811	* 1.2808	* 1.3434	* 1.5043	* 1.2602	* 2.2395
9	* 1.5138	* 1.5825	* 1.6167	* 1.5527	* 1.8168	* 1.6088	* 1.7820	* 0.9030
	* 1.5036	* 1.4365	* 1.4025	* 1.4584	* 1.2403	* 1.3932	* 1.2489	* 2.4509
10	* 1.4378	* 1.6138	* 1.4524	* 1.7362	* 1.6036	* 1.8070	* 1.2758	*
	* 1.5811	* 1.4049	* 1.5597	* 1.2982	* 1.4050	* 1.2356	* 1.7480	*
11	* 1.7668	* 1.5441	* 1.7310	* 1.4588	* 1.6653	* 1.7440	* 0.9131	*
	* 1.2808	* 1.4652	* 1.3019	* 1.5467	* 1.3457	* 1.2795	* 2.4266	*
12	* 1.6776	* 1.7912	* 1.5948	* 1.6610	* 1.6694	* 1.0159	*	*
	* 1.3434	* 1.2580	* 1.4126	* 1.3489	* 1.3370	* 2.1836	*	*
13	* 1.4956	* 1.5937	* 1.7961	* 1.7369	* 1.0145	*	*	*
	* 1.5043	* 1.4061	* 1.2428	* 1.2844	* 2.1860	*	*	*
14	* 1.7684	* 1.7726	* 1.2667	* 0.9074	*	*	*	*
	* 1.2602	* 1.2554	* 1.7600	* 2.4408	*	*	*	*
15	* 0.9880	* 0.8881	* F-SUB-Q					
	* 2.2395	* 2.4910	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6948	* 1.5122	* 1.4386	* 1.7767	* 1.6898	* 1.5040	* 1.7896	* 0.9963
	* 1.3461	* 1.5084	* 1.5840	* 1.2850	* 1.3535	* 1.5201	* 1.2833	* 2.2938
9	* 1.5122	* 1.5845	* 1.6225	* 1.5577	* 1.8302	* 1.6224	* 1.8046	* 0.9120
	* 1.5084	* 1.4408	* 1.4066	* 1.4649	* 1.2488	* 1.4089	* 1.2704	* 2.5034
10	* 1.4386	* 1.6194	* 1.4557	* 1.7486	* 1.6136	* 1.8265	* 1.2881	*
	* 1.5840	* 1.4093	* 1.5686	* 1.3046	* 1.4141	* 1.2510	* 1.7715	*
11	* 1.7767	* 1.5491	* 1.7431	* 1.4660	* 1.6799	* 1.7625	* 0.9221	*
	* 1.2850	* 1.4727	* 1.3086	* 1.5540	* 1.3559	* 1.2929	* 2.4611	*
12	* 1.6898	* 1.8035	* 1.6041	* 1.6753	* 1.6853	* 1.0263	*	*
	* 1.3535	* 1.2670	* 1.4223	* 1.3595	* 1.3493	* 2.2082	*	*
13	* 1.5040	* 1.6063	* 1.8148	* 1.7549	* 1.0249	*	*	*
	* 1.5201	* 1.4227	* 1.2588	* 1.2984	* 2.2111	*	*	*
14	* 1.7896	* 1.7944	* 1.2787	* 0.9159	*	*	*	*
	* 1.2833	* 1.2774	* 1.7842	* 2.4775	*	*	*	*
15	* 0.9963	* 0.8987	* F-SUB-Q					
	* 2.2938	* 2.5401	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6530	* 1.4827	* 1.4162	* 1.7425	* 1.6696	* 1.4864	* 1.7660	* 0.9948 *
	* 1.3631	* 1.5193	* 1.5891	* 1.2936	* 1.3520	* 1.5179	* 1.2819	* 2.2647 *
9	* 1.4827	* 1.5555	* 1.5885	* 1.5344	* 1.7999	* 1.6044	* 1.7801	* 0.9204 *
	* 1.5193	* 1.4491	* 1.4184	* 1.4684	* 1.2534	* 1.4061	* 1.2698	* 2.4459 *
10	* 1.4162	* 1.5853	* 1.4342	* 1.7177	* 1.5940	* 1.8023	* 1.2925	*
	* 1.5891	* 1.4213	* 1.5699	* 1.3113	* 1.4133	* 1.2513	* 1.7422	*
11	* 1.7425	* 1.5259	* 1.7119	* 1.4475	* 1.6539	* 1.7391	* 0.9313	*
	* 1.2936	* 1.4762	* 1.3157	* 1.5540	* 1.3602	* 1.2939	* 2.4063	*
12	* 1.6696	* 1.7725	* 1.5842	* 1.6491	* 1.6608	* 1.0363	*	*
	* 1.3520	* 1.2725	* 1.4220	* 1.3640	* 1.3524	* 2.1605	*	*
13	* 1.4864	* 1.5878	* 1.7900	* 1.7311	* 1.0344	*	*	*
	* 1.5179	* 1.4205	* 1.2597	* 1.2997	* 2.1644	*	*	*
14	* 1.7660	* 1.7696	* 1.2826	* 0.9240	*	*	*	*
	* 1.2819	* 1.2772	* 1.7555	* 2.4251	*	*	*	*
15	* 0.9948	* 0.9066	* F-SUB-Q					
	* 2.2647	* 2.4828	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6849	* 1.4994	* 1.4298	* 1.7872	* 1.7045	* 1.5126	* 1.8293	* 1.0022 *
	* 1.3265	* 1.4903	* 1.5609	* 1.2515	* 1.3137	* 1.4792	* 1.2253	* 2.2257 *
9	* 1.4994	* 1.5778	* 1.6266	* 1.5569	* 1.8503	* 1.6421	* 1.8477	* 0.9166 *
	* 1.4903	* 1.4172	* 1.3733	* 1.4358	* 1.2096	* 1.3627	* 1.2122	* 2.4320 *
10	* 1.4298	* 1.6230	* 1.4516	* 1.7646	* 1.6225	* 1.8617	* 1.2939	*
	* 1.5609	* 1.3764	* 1.5382	* 1.2665	* 1.3779	* 1.2017	* 1.7260	*
11	* 1.7872	* 1.5480	* 1.7582	* 1.4702	* 1.7027	* 1.7948	* 0.9191	*
	* 1.2515	* 1.4438	* 1.2710	* 1.5176	* 1.3110	* 1.2441	* 2.4152	*
12	* 1.7045	* 1.8211	* 1.6117	* 1.6975	* 1.7105	* 1.0302	*	*
	* 1.3137	* 1.2288	* 1.3869	* 1.3149	* 1.3023	* 2.1531	*	*
13	* 1.5126	* 1.6239	* 1.8482	* 1.7861	* 1.0288	*	*	*
	* 1.4792	* 1.3777	* 1.2103	* 1.2501	* 2.1558	*	*	*
14	* 1.8293	* 1.8362	* 1.2832	* 0.9126	*	*	*	*
	* 1.2253	* 1.2197	* 1.7401	* 2.4319	*	*	*	*
15	* 1.0022	* 0.9003	* F-SUB-Q					
	* 2.2257	* 2.4754	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6797	* 1.4913	* 1.4239	* 1.7922	* 1.7097	* 1.5143	* 1.8492	* 1.0022
	* 1.3115	* 1.4766	* 1.5446	* 1.2300	* 1.2914	* 1.4560	* 1.1944	* 2.1892
9	* 1.4913	* 1.5734	* 1.6286	* 1.5546	* 1.8592	* 1.6501	* 1.8697	* 0.9150
	* 1.4766	* 1.4002	* 1.3512	* 1.4167	* 1.1869	* 1.3369	* 1.1807	* 2.3969
10	* 1.4239	* 1.6247	* 1.4480	* 1.7721	* 1.6245	* 1.8785	* 1.2924	*
	* 1.5446	* 1.3544	* 1.5186	* 1.2427	* 1.3563	* 1.1742	* 1.7018	*
11	* 1.7922	* 1.5452	* 1.7654	* 1.4704	* 1.7132	* 1.8107	* 0.9137	*
	* 1.2300	* 1.4251	* 1.2473	* 1.4949	* 1.2838	* 1.2153	* 2.3942	*
12	* 1.7097	* 1.8286	* 1.6131	* 1.7077	* 1.7228	* 1.0270	*	*
	* 1.2914	* 1.2063	* 1.3656	* 1.2880	* 1.2743	* 2.1291	*	*
13	* 1.5143	* 1.6309	* 1.8642	* 1.8014	* 1.0252	*	*	*
	* 1.4560	* 1.3523	* 1.1830	* 1.2213	* 2.1327	*	*	*
14	* 1.8492	* 1.8573	* 1.2812	* 0.9070	*	*	*	*
	* 1.1944	* 1.1884	* 1.7163	* 2.4112	*	*	*	*
15	* 1.0022	* 0.8977	* F-SUB-Q					
	* 2.1892	* 2.4425	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6567	* 1.4718	* 1.4054	* 1.7747	* 1.6974	* 1.5011	* 1.8391	* 0.9958
	* 1.3159	* 1.4808	* 1.5488	* 1.2289	* 1.2865	* 1.4525	* 1.1865	* 2.1771
9	* 1.4718	* 1.5547	* 1.6101	* 1.5379	* 1.8445	* 1.6386	* 1.8593	* 0.9117
	* 1.4808	* 1.4022	* 1.3523	* 1.4170	* 1.1833	* 1.3314	* 1.1732	* 2.3772
10	* 1.4054	* 1.6060	* 1.4304	* 1.7567	* 1.6110	* 1.8682	* 1.2871	*
	* 1.5488	* 1.3557	* 1.5209	* 1.2401	* 1.3531	* 1.1676	* 1.6896	*
11	* 1.7747	* 1.5282	* 1.7497	* 1.4558	* 1.7006	* 1.7997	* 0.9107	*
	* 1.2289	* 1.4257	* 1.2450	* 1.4940	* 1.2794	* 1.2095	* 2.3763	*
12	* 1.6974	* 1.8133	* 1.5992	* 1.6949	* 1.7106	* 1.0244	*	*
	* 1.2865	* 1.2033	* 1.3628	* 1.2839	* 1.2700	* 2.1122	*	*
13	* 1.5011	* 1.6189	* 1.8532	* 1.7900	* 1.0229	*	*	*
	* 1.4525	* 1.3473	* 1.1767	* 1.2158	* 2.1151	*	*	*
14	* 1.8391	* 1.8465	* 1.2755	* 0.9037	*	*	*	*
	* 1.1865	* 1.1811	* 1.7046	* 2.3941	*	*	*	*
15	* 0.9958	* 0.8953	* F-SUB-Q					
	* 2.1771	* 2.4201	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6005	* 1.4307	* 1.3692	* 1.7202	* 1.6572	* 1.4659	* 1.7870	* 0.9825
	* 1.3524	* 1.5125	* 1.5783	* 1.2585	* 1.3076	* 1.4760	* 1.2107	* 2.1876
9	* 1.4307	* 1.5122	* 1.5582	* 1.4992	* 1.7902	* 1.5994	* 1.8043	* 0.9106
	* 1.5125	* 1.4312	* 1.3874	* 1.4430	* 1.2099	* 1.3533	* 1.1986	* 2.3595
10	* 1.3692	* 1.5541	* 1.3968	* 1.7043	* 1.5733	* 1.8166	* 1.2790	*
	* 1.5783	* 1.3909	* 1.5461	* 1.2688	* 1.3752	* 1.1912	* 1.6866	*
11	* 1.7202	* 1.4894	* 1.6972	* 1.4223	* 1.6517	* 1.7502	* 0.9136	*
	* 1.2585	* 1.4523	* 1.2740	* 1.5179	* 1.3073	* 1.2340	* 2.3504	*
12	* 1.6572	* 1.7589	* 1.5614	* 1.6456	* 1.6624	* 1.0237	*	*
	* 1.3076	* 1.2310	* 1.3855	* 1.3123	* 1.2970	* 2.0977	*	*
13	* 1.4659	* 1.5796	* 1.8015	* 1.7403	* 1.0216	*	*	*
	* 1.4760	* 1.3699	* 1.2009	* 1.2407	* 2.1017	*	*	*
14	* 1.7870	* 1.7913	* 1.2673	* 0.9053	*	*	*	*
	* 1.2107	* 1.2070	* 1.7018	* 2.3713	*	*	*	*
15	* 0.9825	* 0.8957	* F-SUB-Q					
	* 2.1876	* 2.3985	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6283	* 1.4408	* 1.3756	* 1.7551	* 1.6781	* 1.4775	* 1.8332	* 0.9751
	* 1.3099	* 1.4797	* 1.5480	* 1.2151	* 1.2722	* 1.4430	* 1.1633	* 2.1762
9	* 1.4408	* 1.5272	* 1.5886	* 1.5097	* 1.8279	* 1.6212	* 1.8544	* 0.8911
	* 1.4797	* 1.3961	* 1.3410	* 1.4117	* 1.1676	* 1.3159	* 1.1496	* 2.3806
10	* 1.3756	* 1.5841	* 1.4019	* 1.7396	* 1.5875	* 1.8602	* 1.2614	*
	* 1.5480	* 1.3447	* 1.5182	* 1.2249	* 1.3430	* 1.1467	* 1.6863	*
11	* 1.7551	* 1.4994	* 1.7321	* 1.4313	* 1.6885	* 1.7903	* 0.8860	*
	* 1.2151	* 1.4213	* 1.2301	* 1.4869	* 1.2608	* 1.1894	* 2.3927	*
12	* 1.6781	* 1.7950	* 1.5749	* 1.6816	* 1.6979	* 1.0009	*	*
	* 1.2722	* 1.1887	* 1.3535	* 1.2659	* 1.2525	* 2.1179	*	*
13	* 1.4775	* 1.6001	* 1.8440	* 1.7799	* 0.9990	*	*	*
	* 1.4430	* 1.3330	* 1.1566	* 1.1963	* 2.1218	*	*	*
14	* 1.8332	* 1.8403	* 1.2491	* 0.8789	*	*	*	*
	* 1.1633	* 1.1583	* 1.7027	* 2.4120	*	*	*	*
15	* 0.9751	* 0.8735	* F-SUB-Q					
	* 2.1762	* 2.4283	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5972	* 1.4138	* 1.3478	* 1.7215	* 1.6490	* 1.4488	* 1.8000	* 0.9524
	* 1.3094	* 1.4787	* 1.5494	* 1.2144	* 1.2690	* 1.4424	* 1.1608	* 2.1842
9	* 1.4138	* 1.4994	* 1.5571	* 1.4801	* 1.7937	* 1.5921	* 1.8203	* 0.8711
	* 1.4787	* 1.3943	* 1.3415	* 1.4119	* 1.1663	* 1.3132	* 1.1474	* 2.3873
10	* 1.3478	* 1.5527	* 1.3729	* 1.7058	* 1.5577	* 1.8275	* 1.2351	*
	* 1.5494	* 1.3454	* 1.5203	* 1.2247	* 1.3418	* 1.1439	* 1.6882	*
11	* 1.7215	* 1.4697	* 1.6982	* 1.4025	* 1.6557	* 1.7581	* 0.8653	*
	* 1.2144	* 1.4218	* 1.2301	* 1.4880	* 1.2606	* 1.1873	* 2.4027	*
12	* 1.6490	* 1.7605	* 1.5450	* 1.6487	* 1.6650	* 0.9797	*	*
	* 1.2690	* 1.1880	* 1.3527	* 1.2658	* 1.2524	* 2.1222	*	*
13	* 1.4488	* 1.5709	* 1.8111	* 1.7475	* 0.9778	*	*	*
	* 1.4424	* 1.3308	* 1.1541	* 1.1943	* 2.1262	*	*	*
14	* 1.8000	* 1.8057	* 1.2226	* 0.8581	*	*	*	*
	* 1.1608	* 1.1565	* 1.7052	* 2.4226	*	*	*	*
15	* 0.9524	* 0.8532	* F-SUB-Q					
	* 2.1842	* 2.4372	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5538	* 1.3796	* 1.3109	* 1.6669	* 1.6013	* 1.4060	* 1.7302	* 0.9163
	* 1.3246	* 1.4913	* 1.5680	* 1.2342	* 1.2856	* 1.4626	* 1.1877	* 2.2336
9	* 1.3796	* 1.4596	* 1.5169	* 1.4386	* 1.7367	* 1.5425	* 1.7447	* 0.8572
	* 1.4913	* 1.4095	* 1.3554	* 1.4298	* 1.1851	* 1.3334	* 1.1772	* 2.3873
10	* 1.3109	* 1.5126	* 1.3332	* 1.6491	* 1.5124	* 1.7610	* 1.1963	*
	* 1.5680	* 1.3593	* 1.5410	* 1.2466	* 1.3599	* 1.1675	* 1.7149	*
11	* 1.6669	* 1.4283	* 1.6417	* 1.3600	* 1.5967	* 1.7036	* 0.8367	*
	* 1.2342	* 1.4398	* 1.2521	* 1.5103	* 1.2866	* 1.2054	* 2.4456	*
12	* 1.6013	* 1.7084	* 1.5000	* 1.5891	* 1.6126	* 0.9652	*	*
	* 1.2856	* 1.2041	* 1.3710	* 1.2925	* 1.2725	* 2.1199	*	*
13	* 1.4060	* 1.5216	* 1.7450	* 1.6931	* 0.9633	*	*	*
	* 1.4626	* 1.3515	* 1.1781	* 1.2127	* 2.1240	*	*	*
14	* 1.7302	* 1.7301	* 1.1841	* 0.8296	*	*	*	*
	* 1.1877	* 1.1870	* 1.7324	* 2.4663	*	*	*	*
15	* 0.9163	* 0.8231	* F-SUB-Q					
	* 2.2336	* 2.4859	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4889	* 1.3290	* 1.2581	* 1.5774	* 1.5242	* 1.3397	* 1.6151	* 0.8597
	* 1.3652	* 1.5287	* 1.6137	* 1.2877	* 1.3332	* 1.5155	* 1.2558	* 2.3504
9	* 1.3290	* 1.3988	* 1.4566	* 1.3786	* 1.6452	* 1.4631	* 1.6196	* 0.8031
	* 1.5287	* 1.4523	* 1.3939	* 1.4733	* 1.2347	* 1.3874	* 1.2524	* 2.5152
10	* 1.2581	* 1.4527	* 1.2771	* 1.5563	* 1.4444	* 1.6579	* 1.1369	
	* 1.6137	* 1.3977	* 1.5888	* 1.3042	* 1.4057	* 1.2247	* 1.7813	
11	* 1.5774	* 1.3689	* 1.5494	* 1.2975	* 1.5025	* 1.6146	* 0.7959	
	* 1.2877	* 1.4834	* 1.3099	* 1.5633	* 1.3497	* 1.2553	* 2.5386	
12	* 1.5242	* 1.6276	* 1.4329	* 1.4954	* 1.5307	* 0.9162		
	* 1.3332	* 1.2476	* 1.4169	* 1.3560	* 1.3235	* 2.2049		
13	* 1.3397	* 1.4437	* 1.6412	* 1.6047	* 0.9143			
	* 1.5155	* 1.4058	* 1.2371	* 1.2629	* 2.2095			
14	* 1.6151	* 1.6085	* 1.1252	* 0.7888				
	* 1.2558	* 1.2609	* 1.7996	* 2.5611				
15	* 0.8597	* 0.7772	* F-SUB-Q					
	* 2.3504	* 2.5993	* M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3846	* 1.2533	* 1.1879	* 1.4680	* 1.4189	* 1.2395	* 1.4493	* 0.7755
	* 1.4537	* 1.6053	* 1.6925	* 1.3699	* 1.4175	* 1.6218	* 1.3852	* 2.5799
9	* 1.2533	* 1.3217	* 1.3577	* 1.3004	* 1.5261	* 1.3542	* 1.4528	* 0.7277
	* 1.6053	* 1.5218	* 1.4809	* 1.5464	* 1.3182	* 1.4839	* 1.3818	* 2.7488
10	* 1.1879	* 1.3544	* 1.2025	* 1.4435	* 1.3550	* 1.5177	* 1.0391	
	* 1.6925	* 1.4845	* 1.6711	* 1.3920	* 1.4834	* 1.3243	* 1.9294	
11	* 1.4680	* 1.2918	* 1.4374	* 1.2153	* 1.3805	* 1.4716	* 0.7354	
	* 1.3699	* 1.5564	* 1.3978	* 1.6527	* 1.4542	* 1.3632	* 2.7205	
12	* 1.4189	* 1.5084	* 1.3447	* 1.3749	* 1.4084	* 0.8517		
	* 1.4175	* 1.3335	* 1.4947	* 1.4607	* 1.4240	* 2.3485		
13	* 1.2395	* 1.3368	* 1.5029	* 1.4628	* 0.8499			
	* 1.6218	* 1.5030	* 1.3372	* 1.3712	* 2.3537			
14	* 1.4493	* 1.4432	* 1.0288	* 0.7289				
	* 1.3852	* 1.3909	* 1.9485	* 2.7445				
15	* 0.7755	* 0.7063	* F-SUB-Q					
	* 2.5799	* 2.8319	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 75 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2363	1.0525	1.0069	1.2805	1.1842	1.0108	1.1775	0.6205
	1.6153	1.8975	1.9824	1.5587	1.6854	1.9739	1.6911	3.2018
9	1.0525	1.1306	1.2019	1.1040	1.3447	1.1249	1.1652	0.5850
	1.8975	1.7658	1.6603	1.8078	1.4842	1.7730	1.7087	3.3956
10	1.0069	1.2007	1.0159	1.2642	1.1376	1.2773	0.8392	
	1.9824	1.6619	1.9638	1.5779	1.7536	1.5602	2.3715	
11	1.2806	1.0970	1.2583	1.0194	1.1972	1.1794	0.6114	
	1.5587	1.8192	1.5851	1.9560	1.6640	1.6879	3.2493	
12	1.1842	1.3276	1.1296	1.1935	1.1573	0.7141		
	1.6854	1.5033	1.7659	1.6691	1.7197	2.7814		
13	1.0108	1.1114	1.2666	1.1728	0.7123			
	1.9739	1.7944	1.5733	1.6974	2.7881			
14	1.1775	1.1570	0.8314	0.6060				
	1.6911	1.7206	2.3934	3.2782				
15	0.6205	0.5742	F-SUB-Q					
	3.2018	3.4593	M-SUB-Q					

AT 100% POWER, 75 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.5371	0.4781	0.4846	0.5725	0.5334	0.4713	0.4688	0.2813
	3.7000	4.1562	4.0983	3.4691	3.7234	4.2105	4.2271	7.0339
9	0.4781	0.5085	0.5486	0.5131	0.5775	0.5017	0.4586	0.2626
	4.1562	3.9061	3.6201	3.8700	3.4380	3.9539	4.3207	7.5350
10	0.4846	0.5486	0.4889	0.5637	0.5164	0.5260	0.3828	
	4.0983	3.6203	4.0609	3.5211	3.8428	3.7704	5.1742	
11	0.5725	0.5098	0.5621	0.4861	0.5288	0.4700	0.2788	
	3.4691	3.8955	3.5308	4.0810	3.7494	4.2136	7.0967	
12	0.5334	0.5717	0.5129	0.5271	0.4701	0.3371		
	3.7234	3.4723	3.8688	3.7608	4.2121	5.8679		
13	0.4713	0.4965	0.5217	0.4676	0.3361			
	4.2105	3.9951	3.8010	4.2348	5.8847			
14	0.4688	0.4557	0.3795	0.2764				
	4.2271	4.3485	5.2186	7.1569				
15	0.2813	0.2614	F-SUB-Q					
	7.0339	7.5688	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5674	* 0.5284	* 0.5141	* 0.5719	* 0.5298	* 0.4694	* 0.4101	* 0.2661
	* 3.2687	* 3.5036	* 3.5751	* 3.2188	* 3.4723	* 3.8638	* 3.9822	* 6.0459
9	* 0.5284	* 0.5268	* 0.5644	* 0.5233	* 0.5620	* 0.4886	* 0.4273	* 0.2630
	* 3.5036	* 3.4392	* 3.2089	* 3.5079	* 3.2709	* 3.7348	* 4.0850	* 6.4176
10	* 0.5141	* 0.5644	* 0.4911	* 0.5569	* 0.5111	* 0.5025	* 0.3817	*
	* 3.5751	* 3.2075	* 3.5200	* 3.2497	* 3.5939	* 3.6545	* 4.7428	*
11	* 0.5719	* 0.5223	* 0.5564	* 0.4898	* 0.5202	* 0.4574	* 0.2953	*
	* 3.2188	* 3.5093	* 3.2501	* 3.6965	* 3.5444	* 4.0382	* 6.2291	*
12	* 0.5298	* 0.5601	* 0.5103	* 0.5199	* 0.4655	* 0.3473	*	*
	* 3.4723	* 3.2819	* 3.5996	* 3.5463	* 3.9793	* 5.3395	*	*
13	* 0.4694	* 0.4870	* 0.5014	* 0.4567	* 0.3460	*	*	*
	* 3.8638	* 3.7502	* 3.6624	* 4.0444	* 5.3595	*	*	*
14	* 0.4101	* 0.4263	* 0.3806	* 0.2943	*	*	*	*
	* 3.9822	* 4.0935	* 4.7565	* 6.2506	*	*	*	*
15	* 0.2661	* 0.2613	* F-SUB-Q					
	* 6.0459	* 6.4578	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1417	* 1.0022	* 0.9510	* 1.1044	* 1.0268	* 0.8971	* 0.9514	* 0.5638
	* 1.6424	* 1.8705	* 1.9591	* 1.6856	* 1.8122	* 2.0514	* 1.8617	* 3.1016
9	* 1.0022	* 1.0306	* 1.0847	* 0.9981	* 1.1367	* 0.9595	* 0.9517	* 0.5284
	* 1.8705	* 1.7947	* 1.6980	* 1.8576	* 1.6351	* 1.9287	* 1.8888	* 3.3357
10	* 0.9510	* 1.0846	* 0.9411	* 1.0823	* 0.9925	* 1.0473	* 0.7423	*
	* 1.9591	* 1.6973	* 1.9326	* 1.7062	* 1.8743	* 1.7718	* 2.4728	*
11	* 1.1044	* 0.9961	* 1.0814	* 0.9190	* 1.0181	* 0.9762	* 0.5719	*
	* 1.6856	* 1.8586	* 1.7064	* 2.0114	* 1.8315	* 1.9111	* 3.2506	*
12	* 1.0268	* 1.1325	* 0.9910	* 1.0175	* 0.9714	* 0.6468	*	*
	* 1.8122	* 1.6415	* 1.8773	* 1.8326	* 1.9249	* 2.8950	*	*
13	* 0.8971	* 0.9559	* 1.0453	* 0.9749	* 0.6451	*	*	*
	* 2.0514	* 1.9359	* 1.7754	* 1.9137	* 2.9027	*	*	*
14	* 0.9514	* 0.9498	* 0.7401	* 0.5698	*	*	*	*
	* 1.8617	* 1.8925	* 2.4802	* 3.2627	*	*	*	*
15	* 0.5638	* 0.5211	* F-SUB-Q					
	* 3.1016	* 3.3824	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2515	1.1500	1.0952	1.2368	1.1860	1.0663	1.1389	0.7008
	1.5210	1.6513	1.7296	1.5286	1.5924	1.7559	1.6069	2.5809
9	1.1500	1.1839	1.1835	1.1555	1.2547	1.1234	1.1550	0.6556
	1.6513	1.5940	1.5911	1.6363	1.5042	1.6726	1.5924	2.7695
10	1.0952	1.1841	1.0934	1.2120	1.1582	1.1972	0.9036	
	1.7296	1.5903	1.7121	1.5537	1.6318	1.5741	2.0651	
11	1.2368	1.1527	1.2104	1.0700	1.1449	1.1606	0.6927	
	1.5286	1.6377	1.5549	1.7617	1.6530	1.6297	2.7221	
12	1.1860	1.2472	1.1558	1.1438	1.1397	0.7665		
	1.5924	1.5136	1.6352	1.6546	1.6642	2.4707		
13	1.0663	1.1185	1.1945	1.1587	0.7651			
	1.7559	1.6800	1.5777	1.6324	2.4755			
14	1.1389	1.1523	0.9007	0.6901				
	1.6069	1.5961	2.0718	2.7326				
15	0.7008	0.6486	F-SUB-Q					
	2.5809	2.7992	M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4170	1.2710	1.2118	1.4138	1.3304	1.1995	1.3513	0.7989
	1.3700	1.5250	1.5960	1.3637	1.4447	1.5936	1.3842	2.3247
9	1.2710	1.3173	1.3445	1.2834	1.4401	1.2693	1.3695	0.7353
	1.5250	1.4643	1.4327	1.5039	1.3352	1.5099	1.3732	2.5345
10	1.2118	1.3452	1.2140	1.3891	1.2967	1.3892	1.0111	
	1.5960	1.4319	1.5790	1.3858	1.4866	1.3822	1.8842	
11	1.4138	1.2796	1.3869	1.1940	1.3196	1.3473	0.7580	
	1.3637	1.5084	1.3881	1.6133	1.4622	1.4279	2.5356	
12	1.3304	1.4302	1.2934	1.3180	1.3076	0.8371		
	1.4447	1.3462	1.4905	1.4640	1.4778	2.2701		
13	1.1995	1.2628	1.3856	1.3450	0.8360			
	1.5936	1.5178	1.3859	1.4305	2.2735			
14	1.3513	1.3659	1.0072	0.7550				
	1.3842	1.3768	1.8915	2.5457				
15	0.7989	0.7249	F-SUB-Q					
	2.3247	2.5707	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4746	1.3101	1.2566	1.4897	1.3925	1.2531	1.4507	0.8523
	1.3465	1.5146	1.5758	1.3231	1.4097	1.5619	1.3258	2.2469
9	1.3101	1.3683	1.4110	1.3367	1.5227	1.3338	1.4642	0.7845
	1.5146	1.4453	1.3983	1.4763	1.2909	1.4681	1.3192	2.4475
10	1.2566	1.4107	1.2620	1.4655	1.3566	1.4758	1.0743	
	1.5758	1.3987	1.5584	1.3430	1.4506	1.3241	1.8143	
11	1.4897	1.3319	1.4627	1.2476	1.3989	1.4381	0.8045	
	1.3231	1.4811	1.3458	1.5788	1.4003	1.3406	2.4162	
12	1.3925	1.5111	1.3525	1.3970	1.3886	0.8889		
	1.4097	1.3022	1.4551	1.4023	1.3976	2.1457		
13	1.2531	1.3262	1.4714	1.4353	0.8878			
	1.5619	1.4767	1.3283	1.3435	2.1485			
14	1.4507	1.4601	1.0700	0.8007				
	1.3258	1.3230	1.8217	2.4279				
15	0.8523	0.7756	F-SUB-Q					
	2.2469	2.4756	M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5078	1.3345	1.2866	1.5413	1.4370	1.2898	1.5184	0.8885
	1.3320	1.5079	1.5608	1.2928	1.3839	1.5415	1.2970	2.2151
9	1.3345	1.4019	1.4569	1.3739	1.5796	1.3795	1.5283	0.8206
	1.5079	1.4345	1.3772	1.4527	1.2589	1.4356	1.2893	2.4001
10	1.2866	1.4563	1.2957	1.5193	1.4000	1.5367	1.1183	
	1.5608	1.3778	1.5444	1.3103	1.4170	1.2798	1.7686	
11	1.5413	1.3690	1.5158	1.2863	1.4555	1.5026	0.8383	
	1.2928	1.4589	1.3135	1.5508	1.3505	1.2872	2.3210	
12	1.4370	1.5666	1.3952	1.4533	1.4473	0.9290		
	1.3839	1.2697	1.4220	1.3527	1.3437	2.0666		
13	1.2898	1.3709	1.5315	1.4995	0.9279			
	1.5415	1.4446	1.2843	1.2901	2.0691			
14	1.5184	1.5236	1.1135	0.8341				
	1.2970	1.2934	1.7764	2.3329				
15	0.8885	0.8096	F-SUB-Q					
	2.2151	2.4323	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5567	* 1.3679	* 1.3236	* 1.6072	* 1.4902	* 1.3327	* 1.6003	* 0.9194 *
	* 1.2989	* 1.4831	* 1.5301	* 1.2487	* 1.3459	* 1.5061	* 1.2493	* 2.1770 *
9	* 1.3679	* 1.4444	* 1.5162	* 1.4189	* 1.6512	* 1.4332	* 1.6061	* 0.8436 *
	* 1.4831	* 1.4061	* 1.3364	* 1.4172	* 1.2129	* 1.3921	* 1.2426	* 2.3716 *
10	* 1.3236	* 1.5155	* 1.3369	* 1.5872	* 1.4509	* 1.6126	* 1.1523 *	
	* 1.5301	* 1.3371	* 1.5125	* 1.2638	* 1.3754	* 1.2243	* 1.7305 *	
11	* 1.6072	* 1.4137	* 1.5832	* 1.3316	* 1.5254	* 1.5817	* 0.8593 *	
	* 1.2487	* 1.4237	* 1.2672	* 1.5058	* 1.2946	* 1.2338	* 2.2786 *	
12	* 1.4902	* 1.6367	* 1.4455	* 1.5229	* 1.5171	* 0.9569 *		
	* 1.3459	* 1.2240	* 1.3807	* 1.2968	* 1.2926	* 2.0305 *		
13	* 1.3327	* 1.4238	* 1.6068	* 1.5781	* 0.9558 *			
	* 1.5061	* 1.4017	* 1.2290	* 1.2368	* 2.0327 *			
14	* 1.6003	* 1.6008	* 1.1471	* 0.8549 *				
	* 1.2493	* 1.2469	* 1.7386	* 2.2904 *				
15	* 0.9194	* 0.8340	* F-SUB-Q					
	* 2.1770	* 2.3987	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5767	* 1.3829	* 1.3434	* 1.6430	* 1.5215	* 1.3574	* 1.6493	* 0.9414 *
	* 1.2987	* 1.4826	* 1.5230	* 1.2366	* 1.3316	* 1.4943	* 1.2300	* 2.1521 *
9	* 1.3829	* 1.4665	* 1.5466	* 1.4448	* 1.6913	* 1.4660	* 1.6521	* 0.8642 *
	* 1.4826	* 1.3993	* 1.3239	* 1.4072	* 1.1983	* 1.3744	* 1.2241	* 2.3448 *
10	* 1.3434	* 1.5457	* 1.3601	* 1.6253	* 1.4819	* 1.6578	* 1.1791 *	
	* 1.5230	* 1.3247	* 1.5026	* 1.2462	* 1.3632	* 1.2075	* 1.7068 *	
11	* 1.6430	* 1.4394	* 1.6208	* 1.3586	* 1.5661	* 1.6298	* 0.8792 *	
	* 1.2366	* 1.4126	* 1.2497	* 1.4914	* 1.2798	* 1.2180	* 2.2607 *	
12	* 1.5215	* 1.6755	* 1.4759	* 1.5633	* 1.5595	* 0.9820 *		
	* 1.3316	* 1.2099	* 1.3688	* 1.2821	* 1.2791	* 2.0169 *		
13	* 1.3574	* 1.4556	* 1.6513	* 1.6258	* 0.9810 *			
	* 1.4943	* 1.3843	* 1.2124	* 1.2211	* 2.0190 *			
14	* 1.6493	* 1.6463	* 1.1734	* 0.8745 *				
	* 1.2300	* 1.2286	* 1.7152	* 2.2728 *				
15	* 0.9414	* 0.8542	* F-SUB-Q					
	* 2.1521	* 2.3720	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6209	* 1.4116	* 1.3741	* 1.7011	* 1.5670	* 1.3930	* 1.7210	* 0.9630
	* 1.2922	* 1.4848	* 1.5225	* 1.2222	* 1.3215	* 1.4852	* 1.1940	* 2.1303
9	* 1.4116	* 1.5028	* 1.5985	* 1.4826	* 1.7546	* 1.5113	* 1.7191	* 0.8796
	* 1.4848	* 1.3935	* 1.3070	* 1.4025	* 1.1812	* 1.3625	* 1.1935	* 2.3319
10	* 1.3741	* 1.5975	* 1.3939	* 1.6853	* 1.5248	* 1.7254	* 1.2015	*
	* 1.5225	* 1.3079	* 1.4953	* 1.2294	* 1.3564	* 1.1879	* 1.7082	*
11	* 1.7011	* 1.4769	* 1.6803	* 1.3960	* 1.6275	* 1.6991	* 0.8901	*
	* 1.2222	* 1.4079	* 1.2331	* 1.4846	* 1.2627	* 1.1987	* 2.2875	*
12	* 1.5670	* 1.7374	* 1.5182	* 1.6244	* 1.6194	* 1.0004	*	*
	* 1.3215	* 1.1935	* 1.3624	* 1.2651	* 1.2643	* 2.0340	*	*
13	* 1.3930	* 1.4999	* 1.7182	* 1.6947	* 0.9996	*	*	*
	* 1.4852	* 1.3729	* 1.1930	* 1.2019	* 2.0356	*	*	*
14	* 1.7210	* 1.7129	* 1.1951	* 0.8859	*	*	*	*
	* 1.1940	* 1.1979	* 1.7172	* 2.2981	*	*	*	*
15	* 0.9630	* 0.8657	* F-SUB-Q					
	* 2.1303	* 2.3689	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5815	* 1.3903	* 1.3569	* 1.6723	* 1.5533	* 1.3809	* 1.6967	* 0.9696
	* 1.3666	* 1.5558	* 1.5919	* 1.2843	* 1.3763	* 1.5454	* 1.2451	* 2.1709
9	* 1.3903	* 1.4819	* 1.5673	* 1.4682	* 1.7272	* 1.4994	* 1.6962	* 0.8981
	* 1.5558	* 1.4579	* 1.3756	* 1.4628	* 1.2391	* 1.4176	* 1.2445	* 2.3442
10	* 1.3569	* 1.5661	* 1.3788	* 1.6589	* 1.5137	* 1.7017	* 1.2186	*
	* 1.5919	* 1.3766	* 1.5608	* 1.2904	* 1.4123	* 1.2445	* 1.7365	*
11	* 1.6723	* 1.4621	* 1.6536	* 1.3843	* 1.6046	* 1.6772	* 0.9137	*
	* 1.2843	* 1.4692	* 1.2945	* 1.5474	* 1.3246	* 1.2560	* 2.3028	*
12	* 1.5533	* 1.7096	* 1.5067	* 1.6014	* 1.6018	* 1.0285	*	*
	* 1.3763	* 1.2524	* 1.4188	* 1.3272	* 1.3226	* 2.0479	*	*
13	* 1.3809	* 1.4878	* 1.6941	* 1.6726	* 1.0270	*	*	*
	* 1.5454	* 1.4287	* 1.2501	* 1.2594	* 2.0507	*	*	*
14	* 1.6967	* 1.6897	* 1.2121	* 0.9084	*	*	*	*
	* 1.2451	* 1.2492	* 1.7456	* 2.3158	*	*	*	*
15	* 0.9696	* 0.8860	* F-SUB-Q					
	* 2.1709	* 2.3756	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6418	* 1.4262	* 1.3939	* 1.7469	* 1.6079	* 1.4229	* 1.7889	* 0.9899 *
	* 1.3684	* 1.5774	* 1.6128	* 1.2801	* 1.3840	* 1.5607	* 1.2270	* 2.2059 *
9	* 1.4262	* 1.5272	* 1.6344	* 1.5134	* 1.8080	* 1.5541	* 1.7818	* 0.9059 *
	* 1.5774	* 1.4717	* 1.3727	* 1.4779	* 1.2319	* 1.4236	* 1.2311	* 2.4109 *
10	* 1.3939	* 1.6331	* 1.4191	* 1.7352	* 1.5643	* 1.7879	* 1.2350	*
	* 1.6128	* 1.3737	* 1.5792	* 1.2850	* 1.4235	* 1.2335	* 1.7821	*
11	* 1.7469	* 1.5068	* 1.7293	* 1.4280	* 1.6821	* 1.7647	* 0.9149	*
	* 1.2801	* 1.4844	* 1.2893	* 1.5628	* 1.3151	* 1.2437	* 2.3936	*
12	* 1.6079	* 1.7886	* 1.5567	* 1.6786	* 1.6762	* 1.0338	*	*
	* 1.3840	* 1.2446	* 1.4304	* 1.3187	* 1.3171	* 2.1228	*	*
13	* 1.4229	* 1.5412	* 1.7794	* 1.7596	* 1.0330	*	*	*
	* 1.5607	* 1.4354	* 1.2392	* 1.2471	* 2.1244	*	*	*
14	* 1.7889	* 1.7747	* 1.2278	* 0.9102	*	*	*	*
	* 1.2270	* 1.2359	* 1.7922	* 2.4052	*	*	*	*
15	* 0.9899	* 0.8932	* F-SUB-Q					
	* 2.2059	* 2.4449	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6471	* 1.4300	* 1.4009	* 1.7648	* 1.6248	* 1.4351	* 1.8185	* 1.0023 *
	* 1.3829	* 1.5922	* 1.6250	* 1.2935	* 1.4074	* 1.5932	* 1.2620	* 2.2753 *
9	* 1.4300	* 1.5356	* 1.6473	* 1.5253	* 1.8290	* 1.5720	* 1.8091	* 0.9187 *
	* 1.5922	* 1.4847	* 1.3844	* 1.4953	* 1.2496	* 1.4545	* 1.2679	* 2.4828 *
10	* 1.4009	* 1.6458	* 1.4288	* 1.7553	* 1.5806	* 1.8146	* 1.2512	*
	* 1.6250	* 1.3856	* 1.5971	* 1.2999	* 1.4432	* 1.2592	* 1.8258	*
11	* 1.7648	* 1.5183	* 1.7490	* 1.4413	* 1.7052	* 1.7932	* 0.9283	*
	* 1.2935	* 1.5020	* 1.3045	* 1.5799	* 1.3360	* 1.2717	* 2.4470	*
12	* 1.6248	* 1.8085	* 1.5724	* 1.7014	* 1.7009	* 1.0500	*	*
	* 1.4074	* 1.2633	* 1.4505	* 1.3389	* 1.3376	* 2.1603	*	*
13	* 1.4351	* 1.5583	* 1.8055	* 1.7878	* 1.0491	*	*	*
	* 1.5932	* 1.4670	* 1.2654	* 1.2754	* 2.1621	*	*	*
14	* 1.8185	* 1.8015	* 1.2439	* 0.9226	*	*	*	*
	* 1.2620	* 1.2730	* 1.8362	* 2.4619	*	*	*	*
15	* 1.0023	* 0.9066	* F-SUB-Q					
	* 2.2753	* 2.5155	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6121	1.4090	1.3835	1.7399	1.6123	1.4240	1.8019	1.0061
	1.3954	1.5958	1.6248	1.2950	1.3995	1.5839	1.2584	2.2433
9	1.4090	1.5150	1.6194	1.5111	1.8059	1.5619	1.7937	0.9325
	1.5958	1.4858	1.3902	1.4901	1.2491	1.4444	1.2622	2.4185
10	1.3835	1.6178	1.4136	1.7331	1.5695	1.7971	1.2617	
	1.6248	1.3916	1.5932	1.2996	1.4348	1.2548	1.7861	
11	1.7399	1.5033	1.7264	1.4298	1.6871	1.7783	0.9425	
	1.2950	1.4975	1.3045	1.5725	1.3333	1.2658	2.3794	
12	1.6123	1.7858	1.5609	1.6831	1.6872	1.0696		
	1.3995	1.2624	1.4425	1.3364	1.3317	2.0945		
13	1.4240	1.5478	1.7875	1.7726	1.0683			
	1.5839	1.4573	1.2614	1.2698	2.0971			
14	1.8019	1.7858	1.2540	0.9365				
	1.2584	1.2677	1.7968	2.3946				
15	1.0061	0.9192	F-SUB-Q					
	2.2433	2.4531	M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6532	1.4289	1.4063	1.7968	1.6521	1.4542	1.8821	1.0192
	1.3508	1.5621	1.5868	1.2446	1.3549	1.5392	1.1925	2.1930
9	1.4289	1.5439	1.6680	1.5412	1.8696	1.6038	1.8682	0.9331
	1.5621	1.4470	1.3393	1.4499	1.1974	1.3953	1.2007	2.3941
10	1.4063	1.6663	1.4397	1.7924	1.6057	1.8694	1.2679	
	1.5868	1.3407	1.5507	1.2470	1.3918	1.1968	1.7628	
11	1.7968	1.5330	1.7850	1.4603	1.7531	1.8531	0.9356	
	1.2446	1.4574	1.2521	1.5280	1.2738	1.2054	2.3785	
12	1.6521	1.8503	1.5963	1.7472	1.7482	1.0674		
	1.3549	1.2095	1.3998	1.2780	1.2759	2.0836		
13	1.4543	1.5882	1.8588	1.8469	1.0665			
	1.5392	1.4088	1.2035	1.2094	2.0851			
14	1.8821	1.8595	1.2595	0.9304				
	1.1925	1.2062	1.7743	2.3916				
15	1.0192	0.9188	F-SUB-Q					
	2.1930	2.4311	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6560	* 1.4264	* 1.4074	* 1.8125	* 1.6640	* 1.4659	* 1.9159	* 1.0255
	* 1.3364	* 1.5507	* 1.5712	* 1.2233	* 1.3338	* 1.5137	* 1.1608	* 2.1568
9	* 1.4264	* 1.5467	* 1.6778	* 1.5470	* 1.8901	* 1.6185	* 1.8996	* 0.9370
	* 1.5507	* 1.4312	* 1.3194	* 1.4319	* 1.1745	* 1.3709	* 1.1703	* 2.3595
10	* 1.4074	* 1.6759	* 1.4435	* 1.8105	* 1.6161	* 1.8977	* 1.2725	*
	* 1.5712	* 1.3209	* 1.5322	* 1.2240	* 1.3712	* 1.1692	* 1.7404	*
11	* 1.8125	* 1.5383	* 1.8027	* 1.4687	* 1.7789	* 1.8849	* 0.9358	*
	* 1.2233	* 1.4397	* 1.2292	* 1.5054	* 1.2448	* 1.1753	* 2.3560	*
12	* 1.6640	* 1.8725	* 1.6061	* 1.7726	* 1.7721	* 1.0709	*	*
	* 1.3338	* 1.1852	* 1.3795	* 1.2491	* 1.2479	* 2.0582	*	*
13	* 1.4659	* 1.6021	* 1.8863	* 1.8782	* 1.0697	*	*	*
	* 1.5137	* 1.3846	* 1.1760	* 1.1793	* 2.0603	*	*	*
14	* 1.9159	* 1.8904	* 1.2638	* 0.9304	*	*	*	*
	* 1.1608	* 1.1758	* 1.7522	* 2.3692	*	*	*	*
15	* 1.0255	* 0.9204	* F-SUB-Q					
	* 2.1568	* 2.4017	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6377	* 1.4122	* 1.3937	* 1.8015	* 1.6580	* 1.4608	* 1.9150	* 1.0245
	* 1.3449	* 1.5589	* 1.5792	* 1.2246	* 1.3315	* 1.5099	* 1.1536	* 2.1448
9	* 1.4122	* 1.5329	* 1.6631	* 1.5363	* 1.8828	* 1.6136	* 1.8991	* 0.9388
	* 1.5589	* 1.4370	* 1.3245	* 1.4348	* 1.1727	* 1.3676	* 1.1631	* 2.3399
10	* 1.3937	* 1.6611	* 1.4313	* 1.8015	* 1.6090	* 1.8944	* 1.2735	*
	* 1.5792	* 1.3261	* 1.5377	* 1.2239	* 1.3703	* 1.1649	* 1.7292	*
11	* 1.8015	* 1.5270	* 1.7933	* 1.4607	* 1.7747	* 1.8830	* 0.9375	*
	* 1.2246	* 1.4432	* 1.2294	* 1.5063	* 1.2413	* 1.1702	* 2.3392	*
12	* 1.6580	* 1.8660	* 1.5986	* 1.7681	* 1.7679	* 1.0741	*	*
	* 1.3315	* 1.1829	* 1.3790	* 1.2458	* 1.2446	* 2.0419	*	*
13	* 1.4608	* 1.5967	* 1.8825	* 1.8760	* 1.0730	*	*	*
	* 1.5099	* 1.3817	* 1.1720	* 1.1744	* 2.0438	*	*	*
14	* 1.9150	* 1.8895	* 1.2644	* 0.9319	*	*	*	*
	* 1.1536	* 1.1688	* 1.7413	* 2.3530	*	*	*	*
15	* 1.0245	* 0.9243	* F-SUB-Q					
	* 2.1448	* 2.3761	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5836	* 1.3772	* 1.3604	* 1.7504	* 1.6246	* 1.4345	* 1.8671	* 1.0166
	* 1.3886	* 1.5963	* 1.6157	* 1.2583	* 1.3562	* 1.5339	* 1.1797	* 2.1550
9	* 1.3772	* 1.4947	* 1.6112	* 1.5030	* 1.8329	* 1.5822	* 1.8551	* 0.9435
	* 1.5963	* 1.4716	* 1.3651	* 1.4644	* 1.2021	* 1.3917	* 1.1872	* 2.3211
10	* 1.3604	* 1.6090	* 1.3987	* 1.7519	* 1.5769	* 1.8474	* 1.2725	*
	* 1.6157	* 1.3668	* 1.5713	* 1.2565	* 1.3959	* 1.1921	* 1.7264	*
11	* 1.7504	* 1.4933	* 1.7436	* 1.4311	* 1.7294	* 1.8375	* 0.9452	*
	* 1.2583	* 1.4736	* 1.2623	* 1.5352	* 1.2713	* 1.1965	* 2.3152	*
12	* 1.6246	* 1.8160	* 1.5665	* 1.7227	* 1.7264	* 1.0812	*	*
	* 1.3562	* 1.2130	* 1.4049	* 1.2761	* 1.2722	* 2.0245	*	*
13	* 1.4345	* 1.5652	* 1.8348	* 1.8304	* 1.0795	*	*	*
	* 1.5339	* 1.4065	* 1.1998	* 1.2009	* 2.0275	*	*	*
14	* 1.8671	* 1.8454	* 1.2633	* 0.9382	*	*	*	*
	* 1.1797	* 1.1933	* 1.7385	* 2.3320	*	*	*	*
15	* 1.0166	* 0.9290	* F-SUB-Q					
	* 2.1550	* 2.3571	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6149	* 1.3857	* 1.3692	* 1.7912	* 1.6476	* 1.4521	* 1.9295	* 1.0137
	* 1.3485	* 1.5709	* 1.5888	* 1.2166	* 1.3233	* 1.5000	* 1.1300	* 2.1415
9	* 1.3857	* 1.5103	* 1.6447	* 1.5157	* 1.8815	* 1.6063	* 1.9133	* 0.9272
	* 1.5709	* 1.4416	* 1.3234	* 1.4367	* 1.1589	* 1.3567	* 1.1395	* 2.3409
10	* 1.3692	* 1.6424	* 1.4090	* 1.7939	* 1.5944	* 1.9012	* 1.2585	*
	* 1.5888	* 1.3252	* 1.5435	* 1.2141	* 1.3660	* 1.1464	* 1.7282	*
11	* 1.7911	* 1.5058	* 1.7850	* 1.4453	* 1.7775	* 1.8941	* 0.9206	*
	* 1.2166	* 1.4459	* 1.2201	* 1.5044	* 1.2244	* 1.1492	* 2.3556	*
12	* 1.6476	* 1.8632	* 1.5833	* 1.7703	* 1.7679	* 1.0583	*	*
	* 1.3233	* 1.1701	* 1.3754	* 1.2293	* 1.2298	* 2.0489	*	*
13	* 1.4521	* 1.5882	* 1.8882	* 1.8864	* 1.0570	*	*	*
	* 1.5000	* 1.3720	* 1.1541	* 1.1538	* 2.0513	*	*	*
14	* 1.9295	* 1.9027	* 1.2487	* 0.9148	*	*	*	*
	* 1.1300	* 1.1457	* 1.7415	* 2.3704	*	*	*	*
15	* 1.0137	* 0.9100	* F-SUB-Q					
	* 2.1415	* 2.3849	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5824	* 1.3578	* 1.3407	* 1.7575	* 1.6203	* 1.4279	* 1.9013	* 0.9944 *
	* 1.3559	* 1.5797	* 1.5990	* 1.2214	* 1.3254	* 1.5019	* 1.1286	* 2.1495 *
9	* 1.3578	* 1.4813	* 1.6094	* 1.4863	* 1.8487	* 1.5803	* 1.8882	* 0.9104 *
	* 1.5797	* 1.4483	* 1.3326	* 1.4436	* 1.1617	* 1.3582	* 1.1366	* 2.3475 *
10	* 1.3407	* 1.6071	* 1.3798	* 1.7603	* 1.5659	* 1.8724	* 1.2362	*
	* 1.5990	* 1.3345	* 1.5532	* 1.2189	* 1.3703	* 1.1464	* 1.7326	*
11	* 1.7575	* 1.4762	* 1.7513	* 1.4172	* 1.7471	* 1.8665	* 0.9018	*
	* 1.2214	* 1.4532	* 1.2251	* 1.5117	* 1.2270	* 1.1484	* 2.3688	*
12	* 1.6203	* 1.8301	* 1.5546	* 1.7397	* 1.7371	* 1.0385	*	*
	* 1.3254	* 1.1733	* 1.3801	* 1.2321	* 1.2331	* 2.0571	*	*
13	* 1.4279	* 1.5620	* 1.8585	* 1.8586	* 1.0373	*	*	*
	* 1.5020	* 1.3739	* 1.1548	* 1.1532	* 2.0595	*	*	*
14	* 1.9013	* 1.8771	* 1.2263	* 0.8959	*	*	*	*
	* 1.1286	* 1.1431	* 1.7464	* 2.3842	*	*	*	*
15	* 0.9944	* 0.8927	* F-SUB-Q					
	* 2.1495	* 2.3937	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5321	* 1.3199	* 1.2980	* 1.6933	* 1.5706	* 1.3822	* 1.8235	* 0.9579 *
	* 1.3838	* 1.6059	* 1.6325	* 1.2526	* 1.3508	* 1.5327	* 1.1617	* 2.2036 *
9	* 1.3199	* 1.4353	* 1.5475	* 1.4392	* 1.7800	* 1.5305	* 1.8176	* 0.8953 *
	* 1.6059	* 1.4771	* 1.3696	* 1.4732	* 1.1921	* 1.3853	* 1.1656	* 2.3573 *
10	* 1.2980	* 1.5453	* 1.3346	* 1.6943	* 1.5154	* 1.8022	* 1.1988	*
	* 1.6325	* 1.3715	* 1.5872	* 1.2513	* 1.3991	* 1.1762	* 1.7647	*
11	* 1.6933	* 1.4293	* 1.6855	* 1.3693	* 1.6774	* 1.7928	* 0.8720	*
	* 1.2526	* 1.4832	* 1.2577	* 1.5464	* 1.2625	* 1.1807	* 2.4205	*
12	* 1.5706	* 1.7602	* 1.5044	* 1.6701	* 1.6786	* 1.0190	*	*
	* 1.3508	* 1.2050	* 1.4091	* 1.2678	* 1.2607	* 2.0714	*	*
13	* 1.3822	* 1.5123	* 1.7891	* 1.7848	* 1.0177	*	*	*
	* 1.5327	* 1.4017	* 1.1846	* 1.1858	* 2.0739	*	*	*
14	* 1.8235	* 1.8063	* 1.1890	* 0.8659	*	*	*	*
	* 1.1617	* 1.1727	* 1.7790	* 2.4371	*	*	*	*
15	* 0.9579	* 0.8623	* F-SUB-Q					
	* 2.2036	* 2.4475	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4498	* 1.2633	* 1.2353	* 1.5853	* 1.4878	* 1.3047	* 1.6767	* 0.8957 *
	* 1.4485	* 1.6622	* 1.6996	* 1.3252	* 1.4122	* 1.6079	* 1.2504	* 2.3330 *
9	* 1.2633	* 1.3643	* 1.4635	* 1.3681	* 1.6689	* 1.4466	* 1.6832	* 0.8367 *
	* 1.6622	* 1.5395	* 1.4348	* 1.5354	* 1.2590	* 1.4512	* 1.2456	* 2.4969 *
10	* 1.2353	* 1.4598	* 1.2677	* 1.5832	* 1.4361	* 1.6786	* 1.1364 *	
	* 1.6996	* 1.4384	* 1.6556	* 1.3262	* 1.4623	* 1.2500	* 1.8431 *	
11	* 1.5853	* 1.3590	* 1.5752	* 1.2957	* 1.5565	* 1.6592	* 0.8251 *	
	* 1.3252	* 1.5455	* 1.3329	* 1.6189	* 1.3471	* 1.2627	* 2.5328 *	
12	* 1.4878	* 1.6471	* 1.4260	* 1.5498	* 1.5821	* 0.9603 *		
	* 1.4122	* 1.2750	* 1.4725	* 1.3527	* 1.3243	* 2.1763 *		
13	* 1.3047	* 1.4298	* 1.6664	* 1.6516	* 0.9589 *			
	* 1.6079	* 1.4679	* 1.2590	* 1.2683	* 2.1793 *			
14	* 1.6767	* 1.6726	* 1.1269	* 0.8191 *				
	* 1.2504	* 1.2534	* 1.8584	* 2.5510 *				
15	* 0.8957	* 0.8111	* F-SUB-Q					
	* 2.3330	* 2.5759	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3372	* 1.1805	* 1.1496	* 1.4491	* 1.3703	* 1.1957	* 1.4747	* 0.7996 *
	* 1.5585	* 1.7656	* 1.8129	* 1.4385	* 1.5213	* 1.7423	* 1.4098	* 2.5923 *
9	* 1.1805	* 1.2708	* 1.3411	* 1.2713	* 1.5209	* 1.3264	* 1.4929	* 0.7504 *
	* 1.7656	* 1.6401	* 1.5540	* 1.6397	* 1.3705	* 1.5699	* 1.3925	* 2.7617 *
10	* 1.1496	* 1.3382	* 1.1765	* 1.4433	* 1.3291	* 1.5117	* 1.0313 *	
	* 1.8129	* 1.5573	* 1.7707	* 1.4436	* 1.5678	* 1.3768	* 2.0146 *	
11	* 1.4491	* 1.2634	* 1.4365	* 1.1952	* 1.4027	* 1.4873	* 0.7546 *	
	* 1.4385	* 1.6497	* 1.4503	* 1.7422	* 1.4830	* 1.3981	* 2.7476 *	
12	* 1.3703	* 1.4997	* 1.3203	* 1.3985	* 1.4330	* 0.8801 *		
	* 1.5213	* 1.3892	* 1.5780	* 1.4878	* 1.4505	* 2.3562 *		
13	* 1.1957	* 1.3117	* 1.5018	* 1.4804	* 0.8786 *			
	* 1.7423	* 1.5873	* 1.3856	* 1.4044	* 2.3598 *			
14	* 1.4747	* 1.4835	* 1.0230	* 0.7490 *				
	* 1.4098	* 1.4012	* 2.0308	* 2.7677 *				
15	* 0.7996	* 0.7302	* F-SUB-Q					
	* 2.5923	* 2.8383	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 150 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1619	* 0.9878	* 0.9626	* 1.2322	* 1.1334	* 0.9730	* 1.1747	* 0.6314
	* 1.7826	* 2.0976	* 2.1524	* 1.6815	* 1.8277	* 2.1279	* 1.7583	* 3.2630
9	* 0.9878	* 1.0728	* 1.1645	* 1.0642	* 1.3013	* 1.0908	* 1.1652	* 0.5962
	* 2.0976	* 1.9311	* 1.7787	* 1.9469	* 1.5919	* 1.8974	* 1.7725	* 3.4553
10	* 0.9626	* 1.1636	* 0.9815	* 1.2276	* 1.1025	* 1.2529	* 0.8269	*
	* 2.1524	* 1.7801	* 2.1102	* 1.6869	* 1.8783	* 1.6507	* 2.4968	*
11	* 1.2322	* 1.0581	* 1.2228	* 0.9914	* 1.1845	* 1.1817	* 0.6193	*
	* 1.6815	* 1.9579	* 1.6934	* 2.0881	* 1.7458	* 1.7471	* 3.3281	*
12	* 1.1334	* 1.2869	* 1.0959	* 1.1816	* 1.1551	* 0.7256	*	*
	* 1.8277	* 1.6091	* 1.8894	* 1.7500	* 1.7883	* 2.8407	*	*
13	* 0.9730	* 1.0794	* 1.2442	* 1.1768	* 0.7242	*	*	*
	* 2.1279	* 1.9170	* 1.6619	* 1.7541	* 2.8458	*	*	*
14	* 1.1747	* 1.1585	* 0.8206	* 0.6147	*	*	*	*
	* 1.7583	* 1.7826	* 2.5155	* 3.3526	*	*	*	*
15	* 0.6314	* 0.5855	* F-SUB-Q					
	* 3.2630	* 3.5186	* M-SUB-Q					

AT 100% POWER, 150 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5101	* 0.4550	* 0.4679	* 0.5562	* 0.5173	* 0.4610	* 0.4719	* 0.2868
	* 4.0436	* 4.5333	* 4.4088	* 3.7093	* 3.9872	* 4.4701	* 4.3590	* 7.1579
9	* 0.4550	* 0.4889	* 0.5330	* 0.4993	* 0.5653	* 0.4931	* 0.4619	* 0.2681
	* 4.5333	* 4.2187	* 3.8700	* 4.1307	* 3.6481	* 4.1773	* 4.4524	* 7.6563
10	* 0.4679	* 0.5326	* 0.4766	* 0.5533	* 0.5065	* 0.5236	* 0.3804	*
	* 4.4088	* 3.8730	* 4.3264	* 3.7268	* 4.0696	* 3.9324	* 5.4048	*
11	* 0.5562	* 0.4967	* 0.5513	* 0.4780	* 0.5289	* 0.4780	* 0.2832	*
	* 3.7093	* 4.1520	* 3.7396	* 4.3112	* 3.8932	* 4.3017	* 7.2506	*
12	* 0.5173	* 0.5603	* 0.5036	* 0.5276	* 0.4790	* 0.3427	*	*
	* 3.9872	* 3.6796	* 4.0929	* 3.9025	* 4.2921	* 5.9932	*	*
13	* 0.4610	* 0.4887	* 0.5201	* 0.4761	* 0.3419	*	*	*
	* 4.4701	* 4.2146	* 3.9586	* 4.3185	* 6.0066	*	*	*
14	* 0.4719	* 0.4594	* 0.3777	* 0.2812	*	*	*	*
	* 4.3590	* 4.4765	* 5.4425	* 7.3013	*	*	*	*
15	* 0.2868	* 0.2668	* F-SUB-Q					
	* 7.1579	* 7.6920	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5476	* 0.5149	* 0.5056	* 0.5600	* 0.5239	* 0.4700	* 0.4207	* 0.2749 *
	* 3.4180	* 3.6320	* 3.6746	* 3.3246	* 3.5544	* 3.8993	* 3.8924	* 5.9138 *
9	* 0.5149	* 0.5164	* 0.5503	* 0.5167	* 0.5533	* 0.4889	* 0.4407	* 0.2710 *
	* 3.6320	* 3.5438	* 3.3287	* 3.5931	* 3.3622	* 3.7828	* 4.0056	* 6.2880 *
10	* 0.5056	* 0.5502	* 0.4727	* 0.5489	* 0.5088	* 0.5070	* 0.3833	*
	* 3.6746	* 3.3277	* 3.6015	* 3.3406	* 3.6558	* 3.6697	* 4.7821	*
11	* 0.5600	* 0.5157	* 0.5484	* 0.4882	* 0.5199	* 0.4661	* 0.3011	*
	* 3.3246	* 3.5945	* 3.3410	* 3.7547	* 3.5921	* 4.0196	* 6.1908	*
12	* 0.5239	* 0.5516	* 0.5081	* 0.5196	* 0.4716	* 0.3517	*	*
	* 3.5544	* 3.3725	* 3.6612	* 3.5938	* 3.9792	* 5.3452	*	*
13	* 0.4700	* 0.4873	* 0.5059	* 0.4654	* 0.3503	*	*	*
	* 3.8993	* 3.7967	* 3.6773	* 4.0254	* 5.3655	*	*	*
14	* 0.4207	* 0.4397	* 0.3823	* 0.3000	*	*	*	*
	* 3.8924	* 4.0139	* 4.7945	* 6.2128	*	*	*	*
15	* 0.2749	* 0.2691	* F-SUB-Q					
	* 5.9138	* 6.3301	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0782	* 0.9520	* 0.9176	* 1.0643	* 0.9932	* 0.8744	* 0.9611	* 0.5703 *
	* 1.7538	* 1.9812	* 2.0509	* 1.7680	* 1.8954	* 2.1294	* 1.8631	* 3.0933 *
9	* 0.9520	* 0.9892	* 1.0428	* 0.9646	* 1.0970	* 0.9384	* 0.9543	* 0.5342 *
	* 1.9812	* 1.8879	* 1.7857	* 1.9415	* 1.7139	* 1.9968	* 1.9055	* 3.3307 *
10	* 0.9176	* 1.0427	* 0.9123	* 1.0484	* 0.9660	* 1.0297	* 0.7298	*
	* 2.0509	* 1.7852	* 2.0151	* 1.7826	* 1.9491	* 1.8252	* 2.5457	*
11	* 1.0643	* 0.9627	* 1.0475	* 0.8969	* 0.9986	* 0.9726	* 0.5724	*
	* 1.7680	* 1.9425	* 1.7829	* 2.0856	* 1.8897	* 1.9431	* 3.2892	*
12	* 0.9932	* 1.0935	* 0.9644	* 0.9980	* 0.9579	* 0.6472	*	*
	* 1.8954	* 1.7196	* 1.9522	* 1.8908	* 1.9766	* 2.9304	*	*
13	* 0.8744	* 0.9350	* 1.0277	* 0.9713	* 0.6456	*	*	*
	* 2.1294	* 2.0038	* 1.8288	* 1.9457	* 2.9377	*	*	*
14	* 0.9611	* 0.9524	* 0.7277	* 0.5705	*	*	*	*
	* 1.8631	* 1.9091	* 2.5527	* 3.3003	*	*	*	*
15	* 0.5703	* 0.5265	* F-SUB-Q					
	* 3.0933	* 3.3791	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2240	* 1.1040	* 1.0775	* 1.2354	* 1.1603	* 1.0347	* 1.1740	* 0.7070 *
	* 1.5670	* 1.7348	* 1.7740	* 1.5452	* 1.6454	* 1.8291	* 1.5717	* 2.5799 *
9	* 1.1040	* 1.1576	* 1.2015	* 1.1349	* 1.2587	* 1.1019	* 1.1588	* 0.6603 *
	* 1.7348	* 1.6443	* 1.5796	* 1.6774	* 1.5154	* 1.7251	* 1.6044	* 2.7736 *
10	* 1.0775	* 1.2015	* 1.0839	* 1.2183	* 1.1408	* 1.1984	* 0.8861	*
	* 1.7740	* 1.5795	* 1.7450	* 1.5631	* 1.6750	* 1.5916	* 2.1296	*
11	* 1.2354	* 1.1339	* 1.2169	* 1.0613	* 1.1607	* 1.1681	* 0.6951	*
	* 1.5452	* 1.6788	* 1.5650	* 1.7959	* 1.6482	* 1.6381	* 2.7445	*
12	* 1.1603	* 1.2539	* 1.1386	* 1.1597	* 1.1458	* 0.7811	*	*
	* 1.6454	* 1.5214	* 1.6783	* 1.6497	* 1.6737	* 2.4572	*	*
13	* 1.0347	* 1.0974	* 1.1960	* 1.1665	* 0.7798	*	*	*
	* 1.8291	* 1.7321	* 1.5947	* 1.6403	* 2.4617	*	*	*
14	* 1.1740	* 1.1563	* 0.8835	* 0.6927	*	*	*	*
	* 1.5717	* 1.6078	* 2.1357	* 2.7539	*	*	*	*
15	* 0.7070	* 0.6528	* F-SUB-Q					
	* 2.5799	* 2.8051	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4133	* 1.2307	* 1.2107	* 1.4477	* 1.3085	* 1.1543	* 1.3693	* 0.7956 *
	* 1.3817	* 1.5860	* 1.6094	* 1.3424	* 1.4856	* 1.6717	* 1.3780	* 2.3504 *
9	* 1.2307	* 1.3106	* 1.4141	* 1.2798	* 1.4716	* 1.2410	* 1.3442	* 0.7298 *
	* 1.5860	* 1.4818	* 1.3697	* 1.5175	* 1.3191	* 1.5598	* 1.4125	* 2.5717 *
10	* 1.2107	* 1.4140	* 1.2232	* 1.4312	* 1.2870	* 1.3993	* 0.9829	*
	* 1.6094	* 1.3698	* 1.5808	* 1.3560	* 1.5118	* 1.3849	* 1.9571	*
11	* 1.4477	* 1.2786	* 1.4292	* 1.1986	* 1.3607	* 1.3641	* 0.7584	*
	* 1.3424	* 1.5190	* 1.3579	* 1.6216	* 1.4308	* 1.4255	* 2.5594	*
12	* 1.3085	* 1.4642	* 1.2841	* 1.3594	* 1.3312	* 0.8590	*	*
	* 1.4856	* 1.3259	* 1.5152	* 1.4322	* 1.4650	* 2.2377	*	*
13	* 1.1543	* 1.2352	* 1.3955	* 1.3621	* 0.8580	*	*	*
	* 1.6717	* 1.5672	* 1.3886	* 1.4276	* 2.2404	*	*	*
14	* 1.3693	* 1.3412	* 0.9796	* 0.7555	*	*	*	*
	* 1.3780	* 1.4156	* 1.9635	* 2.5692	*	*	*	*
15	* 0.7956	* 0.7208	* F-SUB-Q					
	* 2.3504	* 2.6035	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4864	* 1.2798	* 1.2693	* 1.5398	* 1.3704	* 1.1963	* 1.4342	* 0.8319 *
	* 1.3397	* 1.5568	* 1.5671	* 1.2870	* 1.4465	* 1.6500	* 1.3505	* 2.3135 *
9	* 1.2798	* 1.3780	* 1.5105	* 1.3456	* 1.5655	* 1.2960	* 1.4069	* 0.7660 *
	* 1.5568	* 1.4406	* 1.3106	* 1.4738	* 1.2644	* 1.5237	* 1.3836	* 2.5195 *
10	* 1.2693	* 1.5103	* 1.2860	* 1.5266	* 1.3518	* 1.4847	* 1.0326	*
	* 1.5671	* 1.3108	* 1.5383	* 1.2964	* 1.4659	* 1.3293	* 1.9040	*
11	* 1.5398	* 1.3442	* 1.5242	* 1.2628	* 1.4555	* 1.4479	* 0.8002	*
	* 1.2870	* 1.4756	* 1.2984	* 1.5696	* 1.3543	* 1.3447	* 2.4552	*
12	* 1.3704	* 1.5568	* 1.3483	* 1.4540	* 1.4222	* 0.9143	*	*
	* 1.4465	* 1.2716	* 1.4697	* 1.3557	* 1.3742	* 2.1047	*	*
13	* 1.1963	* 1.2895	* 1.4802	* 1.4459	* 0.9135	*	*	*
	* 1.6500	* 1.5316	* 1.3332	* 1.3467	* 2.1068	*	*	*
14	* 1.4342	* 1.4037	* 1.0293	* 0.7975	*	*	*	*
	* 1.3505	* 1.3867	* 1.9101	* 2.4636	*	*	*	*
15	* 0.8319	* 0.7570	* F-SUB-Q					
	* 2.3135	* 2.5494	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5309	* 1.3107	* 1.3071	* 1.6003	* 1.4091	* 1.2188	* 1.4640	* 0.8481 *
	* 1.3092	* 1.5344	* 1.5368	* 1.2478	* 1.4182	* 1.6427	* 1.3576	* 2.3357 *
9	* 1.3107	* 1.4214	* 1.5738	* 1.3888	* 1.6261	* 1.3284	* 1.4363	* 0.7840 *
	* 1.5344	* 1.4148	* 1.2747	* 1.4456	* 1.2269	* 1.5027	* 1.3846	* 2.5301 *
10	* 1.3071	* 1.5735	* 1.3272	* 1.5902	* 1.3944	* 1.5375	* 1.0604	*
	* 1.5368	* 1.2749	* 1.5128	* 1.2565	* 1.4285	* 1.2899	* 1.8792	*
11	* 1.6003	* 1.3872	* 1.5874	* 1.3062	* 1.5196	* 1.5003	* 0.8268	*
	* 1.2478	* 1.4475	* 1.2588	* 1.5312	* 1.2970	* 1.2979	* 2.3700	*
12	* 1.4091	* 1.6165	* 1.3907	* 1.5180	* 1.4846	* 0.9569	*	*
	* 1.4182	* 1.2338	* 1.4325	* 1.2985	* 1.3155	* 2.0182	*	*
13	* 1.2188	* 1.3213	* 1.5327	* 1.4982	* 0.9559	*	*	*
	* 1.6427	* 1.5109	* 1.2940	* 1.2998	* 2.0203	*	*	*
14	* 1.4640	* 1.4330	* 1.0569	* 0.8241	*	*	*	*
	* 1.3576	* 1.3879	* 1.8854	* 2.3781	*	*	*	*
15	* 0.8481	* 0.7742	* F-SUB-Q					
	* 2.3357	* 2.5622	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5899	1.3457	1.3474	1.6716	1.4516	1.2437	1.5027	0.8576
	1.2658	1.5028	1.4993	1.1993	1.3818	1.6200	1.3403	2.3467
9	1.3457	1.4687	1.6499	1.4338	1.7003	1.3649	1.4747	0.7885
	1.5028	1.3776	1.2235	1.4077	1.1775	1.4681	1.3630	2.5532
10	1.3474	1.6496	1.3705	1.6659	1.4402	1.6020	1.0759	
	1.4993	1.2238	1.4753	1.2052	1.3868	1.2395	1.8619	
11	1.6716	1.4321	1.6629	1.3515	1.5956	1.5627	0.8386	
	1.1993	1.4097	1.2076	1.4870	1.2373	1.2527	2.3419	
12	1.4516	1.6908	1.4361	1.5937	1.5535	0.9778		
	1.3818	1.1830	1.3909	1.2387	1.2635	1.9919		
13	1.2437	1.3572	1.5968	1.5605	0.9772			
	1.6200	1.4766	1.2437	1.2545	1.9930			
14	1.5027	1.4712	1.0723	0.8359				
	1.3403	1.3663	1.8682	2.3495				
15	0.8576	0.7798	F-SUB-Q					
	2.3467	2.5815	M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6166	1.3617	1.3685	1.7069	1.4724	1.2523	1.5120	0.8595
	1.2577	1.4969	1.4870	1.1849	1.3736	1.6184	1.3433	2.3567
9	1.3617	1.4941	1.6902	1.4580	1.7381	1.3809	1.4852	0.7914
	1.4969	1.3645	1.2032	1.3934	1.1606	1.4585	1.3651	2.5595
10	1.3685	1.6899	1.3940	1.7049	1.4644	1.6330	1.0854	
	1.4870	1.2035	1.4621	1.1842	1.3755	1.2260	1.8536	
11	1.7069	1.4562	1.7019	1.3767	1.6381	1.5945	0.8494	
	1.1849	1.3955	1.1864	1.4666	1.2191	1.2437	2.3365	
12	1.4724	1.7297	1.4601	1.6362	1.5938	0.9998		
	1.3736	1.1656	1.3797	1.2206	1.2484	1.9784		
13	1.2523	1.3728	1.6275	1.5923	0.9995			
	1.6184	1.4672	1.2302	1.2454	1.9791			
14	1.5119	1.4816	1.0817	0.8466				
	1.3433	1.3685	1.8599	2.3441				
15	0.8595	0.7825	F-SUB-Q					
	2.3567	2.5883	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6667	* 1.3881	* 1.3971	* 1.7630	* 1.5031	* 1.2685	* 1.5401	* 0.8617
	* 1.2452	* 1.4977	* 1.4855	* 1.1701	* 1.3715	* 1.6217	* 1.3283	* 2.3658
9	* 1.3881	* 1.5294	* 1.7510	* 1.4896	* 1.7978	* 1.4066	* 1.5145	* 0.7873
	* 1.4977	* 1.3575	* 1.1823	* 1.3893	* 1.1430	* 1.4563	* 1.3488	* 2.5886
10	* 1.3971	* 1.7506	* 1.4245	* 1.7637	* 1.4966	* 1.6851	* 1.0895	*
	* 1.4855	* 1.1826	* 1.4552	* 1.1669	* 1.3729	* 1.2103	* 1.8725	*
11	* 1.7630	* 1.4876	* 1.7604	* 1.4084	* 1.6992	* 1.6435	* 0.8514	*
	* 1.1701	* 1.3915	* 1.1691	* 1.4617	* 1.2009	* 1.2328	* 2.3770	*
12	* 1.5031	* 1.7902	* 1.4920	* 1.6974	* 1.6465	* 1.0106	*	*
	* 1.3715	* 1.1480	* 1.3772	* 1.2022	* 1.2330	* 2.0033	*	*
13	* 1.2685	* 1.3980	* 1.6793	* 1.6414	* 1.0104	*	*	*
	* 1.6217	* 1.4653	* 1.2145	* 1.2344	* 2.0035	*	*	*
14	* 1.5401	* 1.5108	* 1.0854	* 0.8481	*	*	*	*
	* 1.3283	* 1.3521	* 1.8793	* 2.3860	*	*	*	*
15	* 0.8617	* 0.7783	* F-SUB-Q					
	* 2.3657	* 2.6181	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6275	* 1.3853	* 1.3820	* 1.7274	* 1.4830	* 1.2622	* 1.4977	* 0.8538
	* 1.3140	* 1.5490	* 1.5488	* 1.2303	* 1.4310	* 1.6766	* 1.3949	* 2.4321
9	* 1.3853	* 1.5267	* 1.7152	* 1.4741	* 1.7618	* 1.3846	* 1.4735	* 0.7942
	* 1.5490	* 1.4026	* 1.2433	* 1.4465	* 1.2009	* 1.5205	* 1.4170	* 2.6149
10	* 1.3820	* 1.7149	* 1.4086	* 1.7300	* 1.4804	* 1.6481	* 1.0949	*
	* 1.5488	* 1.2436	* 1.5160	* 1.2257	* 1.4301	* 1.2727	* 1.9108	*
11	* 1.7274	* 1.4721	* 1.7268	* 1.3944	* 1.6675	* 1.6133	* 0.8672	*
	* 1.2303	* 1.4488	* 1.2280	* 1.5220	* 1.2618	* 1.2939	* 2.4009	*
12	* 1.4830	* 1.7540	* 1.4757	* 1.6657	* 1.6265	* 1.0358	*	*
	* 1.4310	* 1.2064	* 1.4346	* 1.2631	* 1.2907	* 2.0161	*	*
13	* 1.2622	* 1.3761	* 1.6423	* 1.6112	* 1.0352	*	*	*
	* 1.6766	* 1.5299	* 1.2772	* 1.2955	* 2.0172	*	*	*
14	* 1.4977	* 1.4698	* 1.0910	* 0.8643	*	*	*	*
	* 1.3949	* 1.4205	* 1.9174	* 2.4087	*	*	*	*
15	* 0.8538	* 0.7846	* F-SUB-Q					
	* 2.4321	* 2.6463	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6968	* 1.4022	* 1.4154	* 1.8021	* 1.5220	* 1.2705	* 1.5425	* 0.8562
	* 1.3098	* 1.5880	* 1.5713	* 1.2256	* 1.4477	* 1.7227	* 1.3983	* 2.4989
9	* 1.4022	* 1.5560	* 1.7941	* 1.5120	* 1.8423	* 1.4189	* 1.5192	* 0.7853
	* 1.5880	* 1.4295	* 1.2360	* 1.4662	* 1.1928	* 1.5381	* 1.4196	* 2.7258
10	* 1.4154	* 1.7937	* 1.4450	* 1.8069	* 1.5195	* 1.7192	* 1.0948	*
	* 1.5713	* 1.2363	* 1.5367	* 1.2199	* 1.4476	* 1.2654	* 1.9776	*
11	* 1.8021	* 1.5099	* 1.8035	* 1.4316	* 1.7454	* 1.6792	* 0.8605	*
	* 1.2256	* 1.4684	* 1.2222	* 1.5415	* 1.2530	* 1.2907	* 2.5080	*
12	* 1.5220	* 1.8344	* 1.5145	* 1.7437	* 1.6968	* 1.0347	*	*
	* 1.4477	* 1.1980	* 1.4522	* 1.2543	* 1.2804	* 2.0970	*	*
13	* 1.2705	* 1.4098	* 1.7132	* 1.6772	* 1.0347	*	*	*
	* 1.7227	* 1.5479	* 1.2697	* 1.2921	* 2.0968	*	*	*
14	* 1.5425	* 1.5154	* 1.0909	* 0.8579	*	*	*	*
	* 1.3983	* 1.4231	* 1.9843	* 2.5154	*	*	*	*
15	* 0.8562	* 0.7767	* F-SUB-Q					
	* 2.4989	* 2.7554	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7076	* 1.4076	* 1.4232	* 1.8187	* 1.5295	* 1.2711	* 1.5427	* 0.8543
	* 1.3037	* 1.5805	* 1.5636	* 1.2257	* 1.4569	* 1.7527	* 1.4522	* 2.6006
9	* 1.4076	* 1.5717	* 1.8124	* 1.5216	* 1.8601	* 1.4234	* 1.5202	* 0.7869
	* 1.5805	* 1.4189	* 1.2309	* 1.4646	* 1.1991	* 1.5653	* 1.4707	* 2.8249
10	* 1.4232	* 1.8120	* 1.4539	* 1.8254	* 1.5290	* 1.7331	* 1.0980	*
	* 1.5636	* 1.2312	* 1.5351	* 1.2212	* 1.4562	* 1.2856	* 2.0274	*
11	* 1.8187	* 1.5194	* 1.8219	* 1.4420	* 1.7659	* 1.6944	* 0.8660	*
	* 1.2257	* 1.4666	* 1.2235	* 1.5429	* 1.2595	* 1.3126	* 2.5594	*
12	* 1.5295	* 1.8519	* 1.5240	* 1.7642	* 1.7199	* 1.0471	*	*
	* 1.4569	* 1.2042	* 1.4609	* 1.2607	* 1.2915	* 2.1157	*	*
13	* 1.2711	* 1.4141	* 1.7270	* 1.6925	* 1.0472	*	*	*
	* 1.7527	* 1.5754	* 1.2900	* 1.3140	* 2.1153	*	*	*
14	* 1.5427	* 1.5164	* 1.0941	* 0.8634	*	*	*	*
	* 1.4522	* 1.4743	* 2.0344	* 2.5670	*	*	*	*
15	* 0.8543	* 0.7787	* F-SUB-Q					
	* 2.6006	* 2.8540	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6778	* 1.4131	* 1.4124	* 1.7936	* 1.5145	* 1.2745	* 1.5139	* 0.8480 *
	* 1.3154	* 1.5611	* 1.5620	* 1.2310	* 1.4574	* 1.7313	* 1.4629	* 2.6024 *
9	* 1.4131	* 1.5731	* 1.7876	* 1.5095	* 1.8363	* 1.4075	* 1.4925	* 0.7904 *
	* 1.5611	* 1.4043	* 1.2360	* 1.4623	* 1.2029	* 1.5677	* 1.4816	* 2.7899 *
10	* 1.4124	* 1.7872	* 1.4419	* 1.8023	* 1.5173	* 1.7085	* 1.1005	*
	* 1.5620	* 1.2363	* 1.5327	* 1.2250	* 1.4536	* 1.2915	* 2.0027	*
11	* 1.7936	* 1.5073	* 1.7987	* 1.4321	* 1.7456	* 1.6756	* 0.8764	*
	* 1.2310	* 1.4645	* 1.2273	* 1.5390	* 1.2624	* 1.3149	* 2.5060	*
12	* 1.5145	* 1.8275	* 1.5123	* 1.7439	* 1.7023	* 1.0662	*	*
	* 1.4574	* 1.2085	* 1.4583	* 1.2635	* 1.2930	* 2.0597	*	*
13	* 1.2745	* 1.3982	* 1.7024	* 1.6739	* 1.0659	*	*	*
	* 1.7313	* 1.5779	* 1.2960	* 1.3163	* 2.0603	*	*	*
14	* 1.5139	* 1.4887	* 1.0965	* 0.8735	*	*	*	*
	* 1.4629	* 1.4853	* 2.0097	* 2.5140	*	*	*	*
15	* 0.8480	* 0.7807	* F-SUB-Q					
	* 2.6024	* 2.8245	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7351	* 1.4165	* 1.4385	* 1.8580	* 1.5461	* 1.2715	* 1.5542	* 0.8488 *
	* 1.2700	* 1.5545	* 1.5301	* 1.1857	* 1.4242	* 1.7301	* 1.4179	* 2.5875 *
9	* 1.4165	* 1.5941	* 1.8557	* 1.5400	* 1.9050	* 1.4360	* 1.5338	* 0.7796 *
	* 1.5545	* 1.3823	* 1.1875	* 1.4299	* 1.1566	* 1.5324	* 1.4358	* 2.8163 *
10	* 1.4385	* 1.8553	* 1.4715	* 1.8696	* 1.5492	* 1.7719	* 1.0961	*
	* 1.5301	* 1.1877	* 1.4965	* 1.1780	* 1.4204	* 1.2419	* 2.0048	*
11	* 1.8580	* 1.5377	* 1.8662	* 1.4630	* 1.8154	* 1.7370	* 0.8669	*
	* 1.1857	* 1.4320	* 1.1801	* 1.5029	* 1.2110	* 1.2654	* 2.5275	*
12	* 1.5461	* 1.8965	* 1.5440	* 1.8140	* 1.7789	* 1.0622	*	*
	* 1.4242	* 1.1617	* 1.4251	* 1.2119	* 1.2347	* 2.0636	*	*
13	* 1.2715	* 1.4262	* 1.7660	* 1.7354	* 1.0624	*	*	*
	* 1.7301	* 1.5428	* 1.2460	* 1.2666	* 2.0633	*	*	*
14	* 1.5542	* 1.5299	* 1.0919	* 0.8644	*	*	*	*
	* 1.4179	* 1.4394	* 2.0122	* 2.5348	*	*	*	*
15	* 0.8488	* 0.7708	* F-SUB-Q					
	* 2.5875	* 2.8480	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7540	* 1.4230	* 1.4492	* 1.8845	* 1.5579	* 1.2743	* 1.5669	* 0.8480 *
	* 1.2500	* 1.5388	* 1.5110	* 1.1642	* 1.4066	* 1.7150	* 1.3961	* 2.5644 *
9	* 1.4230	* 1.6074	* 1.8844	* 1.5523	* 1.9344	* 1.4461	* 1.5472	* 0.7772 *
	* 1.5388	* 1.3642	* 1.1643	* 1.4118	* 1.1344	* 1.5130	* 1.4133	* 2.7969 *
10	* 1.4492	* 1.8840	* 1.4836	* 1.8984	* 1.5624	* 1.7977	* 1.0959	*
	* 1.5110	* 1.1645	* 1.4763	* 1.1554	* 1.4018	* 1.2178	* 1.9906	*
11	* 1.8845	* 1.5499	* 1.8949	* 1.4767	* 1.8475	* 1.7652	* 0.8666	*
	* 1.1642	* 1.4139	* 1.1574	* 1.4815	* 1.1849	* 1.2394	* 2.5094	*
12	* 1.5579	* 1.9256	* 1.5571	* 1.8461	* 1.8160	* 1.0678	*	*
	* 1.4066	* 1.1394	* 1.4064	* 1.1857	* 1.2041	* 2.0403	*	*
13	* 1.2743	* 1.4360	* 1.7933	* 1.7636	* 1.0682	*	*	*
	* 1.7150	* 1.5234	* 1.2204	* 1.2404	* 2.0395	*	*	*
14	* 1.5669	* 1.5433	* 1.0918	* 0.8634	*	*	*	*
	* 1.3961	* 1.4168	* 1.9979	* 2.5186	*	*	*	*
15	* 0.8480	* 0.7667	* F-SUB-Q					
	* 2.5644	* 2.8352	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7504	* 1.4242	* 1.4480	* 1.8866	* 1.5579	* 1.2735	* 1.5653	* 0.8468 *
	* 1.2508	* 1.5360	* 1.5100	* 1.1606	* 1.4037	* 1.7134	* 1.3916	* 2.5560 *
9	* 1.4242	* 1.6139	* 1.8858	* 1.5526	* 1.9379	* 1.4449	* 1.5459	* 0.7789 *
	* 1.5360	* 1.3565	* 1.1612	* 1.4090	* 1.1298	* 1.5103	* 1.4088	* 2.7785 *
10	* 1.4480	* 1.8854	* 1.4827	* 1.9017	* 1.5638	* 1.8012	* 1.0989	*
	* 1.5100	* 1.1615	* 1.4746	* 1.1510	* 1.3977	* 1.2121	* 1.9788	*
11	* 1.8866	* 1.5502	* 1.8981	* 1.4777	* 1.8521	* 1.7703	* 0.8713	*
	* 1.1606	* 1.4112	* 1.1531	* 1.4778	* 1.1795	* 1.2327	* 2.4893	*
12	* 1.5579	* 1.9289	* 1.5584	* 1.8507	* 1.8221	* 1.0772	*	*
	* 1.4037	* 1.1349	* 1.4024	* 1.1803	* 1.1975	* 2.0184	*	*
13	* 1.2735	* 1.4346	* 1.7971	* 1.7688	* 1.0775	*	*	*
	* 1.7134	* 1.5209	* 1.2147	* 1.2337	* 2.0178	*	*	*
14	* 1.5653	* 1.5419	* 1.0947	* 0.8688	*	*	*	*
	* 1.3916	* 1.4123	* 1.9862	* 2.4963	*	*	*	*
15	* 0.8468	* 0.7701	* F-SUB-Q					
	* 2.5560	* 2.8099	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7077	* 1.4297	* 1.4345	* 1.8511	* 1.5387	* 1.2819	* 1.5375	* 0.8446 *
	* 1.2861	* 1.5353	* 1.5302	* 1.1863	* 1.4250	* 1.7059	* 1.4174	* 2.5625 *
9	* 1.4297	* 1.6111	* 1.8475	* 1.5352	* 1.9020	* 1.4308	* 1.5180	* 0.7891 *
	* 1.5353	* 1.3634	* 1.1891	* 1.4296	* 1.1540	* 1.5295	* 1.4355	* 2.7422 *
10	* 1.4345	* 1.8470	* 1.4650	* 1.8668	* 1.5473	* 1.7678	* 1.1056 *	
	* 1.5302	* 1.1894	* 1.4974	* 1.1758	* 1.4165	* 1.2373	* 1.9694 *	
11	* 1.8511	* 1.5326	* 1.8628	* 1.4621	* 1.8187	* 1.7425	* 0.8838 *	
	* 1.1863	* 1.4319	* 1.1782	* 1.4983	* 1.2044	* 1.2548	* 2.4582 *	
12	* 1.5387	* 1.8925	* 1.5418	* 1.8173	* 1.7877	* 1.0948 *		
	* 1.4250	* 1.1596	* 1.4214	* 1.2052	* 1.2234	* 1.9906 *		
13	* 1.2819	* 1.4222	* 1.7636	* 1.7410	* 1.0948 *			
	* 1.7059	* 1.5385	* 1.2401	* 1.2558	* 1.9905 *			
14	* 1.5375	* 1.5139	* 1.1014	* 0.8810 *				
	* 1.4174	* 1.4392	* 1.9765	* 2.4656 *				
15	* 0.8446	* 0.7788	* F-SUB-Q					
	* 2.5625	* 2.7782	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7630	* 1.4238	* 1.4536	* 1.9159	* 1.5685	* 1.2727	* 1.5881	* 0.8467 *
	* 1.2375	* 1.5310	* 1.4991	* 1.1387	* 1.3897	* 1.7084	* 1.3682	* 2.5529 *
9	* 1.4238	* 1.6242	* 1.9141	* 1.5608	* 1.9711	* 1.4548	* 1.5686	* 0.7771 *
	* 1.5310	* 1.3425	* 1.1397	* 1.3966	* 1.1068	* 1.4959	* 1.3850	* 2.7809 *
10	* 1.4536	* 1.9136	* 1.4897	* 1.9334	* 1.5754	* 1.8362	* 1.0973 *	
	* 1.4991	* 1.1400	* 1.4625	* 1.1279	* 1.3829	* 1.1855	* 1.9773 *	
11	* 1.9159	* 1.5581	* 1.9294	* 1.4877	* 1.8871	* 1.8061	* 0.8678 *	
	* 1.1387	* 1.3990	* 1.1303	* 1.4631	* 1.1539	* 1.2049	* 2.4950 *	
12	* 1.5685	* 1.9609	* 1.5694	* 1.8856	* 1.8616	* 1.0794 *		
	* 1.3897	* 1.1124	* 1.3881	* 1.1548	* 1.1686	* 2.0094 *		
13	* 1.2727	* 1.4437	* 1.8317	* 1.8044	* 1.0799 *			
	* 1.7084	* 1.5072	* 1.1883	* 1.2059	* 2.0085 *			
14	* 1.5881	* 1.5643	* 1.0928	* 0.8646 *				
	* 1.3682	* 1.3887	* 1.9851	* 2.5041 *				
15	* 0.8467	* 0.7662	* F-SUB-Q					
	* 2.5529	* 2.8203	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7421	* 1.4078	* 1.4384	* 1.9016	* 1.5562	* 1.2611	* 1.5853	* 0.8420 *
	* 1.2390	* 1.5321	* 1.4989	* 1.1347	* 1.3852	* 1.7047	* 1.3538	* 2.5354 *
9	* 1.4078	* 1.6095	* 1.8968	* 1.5459	* 1.9584	* 1.4449	* 1.5652	* 0.7734 *
	* 1.5321	* 1.3404	* 1.1376	* 1.3949	* 1.1015	* 1.4890	* 1.3711	* 2.7600 *
10	* 1.4384	* 1.8961	* 1.4744	* 1.9195	* 1.5631	* 1.8269	* 1.0893 *	
	* 1.4989	* 1.1381	* 1.4620	* 1.1236	* 1.3784	* 1.1778	* 1.9684 *	
11	* 1.9016	* 1.5430	* 1.9148	* 1.4739	* 1.8743	* 1.8000	* 0.8596 *	
	* 1.1346	* 1.3975	* 1.1262	* 1.4610	* 1.1489	* 1.1951	* 2.4900 *	
12	* 1.5562	* 1.9474	* 1.5569	* 1.8725	* 1.8493	* 1.0712 *		
	* 1.3852	* 1.1075	* 1.3839	* 1.1499	* 1.1631	* 2.0022 *		
13	* 1.2611	* 1.4334	* 1.8222	* 1.7982	* 1.0717 *			
	* 1.7047	* 1.5006	* 1.1808	* 1.1962	* 2.0013 *			
14	* 1.5853	* 1.5606	* 1.0846	* 0.8564 *				
	* 1.3538	* 1.3751	* 1.9766	* 2.4992 *				
15	* 0.8420	* 0.7616	* F-SUB-Q					
	* 2.5354	* 2.8025	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6870	* 1.3784	* 1.4019	* 1.8455	* 1.5215	* 1.2376	* 1.5589	* 0.8298 *
	* 1.2691	* 1.5525	* 1.5260	* 1.1595	* 1.4051	* 1.7222	* 1.3635	* 2.5480 *
9	* 1.3784	* 1.5692	* 1.8321	* 1.5074	* 1.8986	* 1.4154	* 1.5373	* 0.7767 *
	* 1.5525	* 1.3641	* 1.1683	* 1.4192	* 1.1265	* 1.5068	* 1.3826	* 2.7218 *
10	* 1.4019	* 1.8312	* 1.4363	* 1.8617	* 1.5273	* 1.7732	* 1.0711 *	
	* 1.5260	* 1.1688	* 1.4890	* 1.1488	* 1.3991	* 1.2026	* 1.9835 *	
11	* 1.8455	* 1.5044	* 1.8568	* 1.4364	* 1.8154	* 1.7536	* 0.8416 *	
	* 1.1595	* 1.4221	* 1.1518	* 1.4872	* 1.1760	* 1.2155	* 2.5204 *	
12	* 1.5215	* 1.8864	* 1.5208	* 1.8132	* 1.7830	* 1.0567 *		
	* 1.4051	* 1.1336	* 1.4050	* 1.1774	* 1.1957	* 2.0119 *		
13	* 1.2376	* 1.4037	* 1.7681	* 1.7515	* 1.0571 *			
	* 1.7222	* 1.5189	* 1.2060	* 1.2169	* 2.0109 *			
14	* 1.5589	* 1.5323	* 1.0664	* 0.8384 *				
	* 1.3635	* 1.3869	* 1.9921	* 2.5299 *				
15	* 0.8298	* 0.7515	* F-SUB-Q					
	* 2.5480	* 2.8128	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5796	* 1.3239	* 1.3321	* 1.7252	* 1.4504	* 1.1904	* 1.4861	* 0.7986
	* 1.3465	* 1.6064	* 1.5962	* 1.2320	* 1.4641	* 1.7785	* 1.4188	* 2.6263
9	* 1.3239	* 1.4934	* 1.6980	* 1.4335	* 1.7680	* 1.3528	* 1.4638	* 0.7447
	* 1.6064	* 1.4243	* 1.2524	* 1.4831	* 1.2012	* 1.5651	* 1.4404	* 2.8154
10	* 1.3321	* 1.6971	* 1.3633	* 1.7371	* 1.4538	* 1.6563	* 1.0310	*
	* 1.5962	* 1.2531	* 1.5592	* 1.2229	* 1.4601	* 1.2783	* 2.0450	*
11	* 1.7252	* 1.4302	* 1.7318	* 1.3621	* 1.6849	* 1.6465	* 0.8055	*
	* 1.2320	* 1.4864	* 1.2266	* 1.5584	* 1.2582	* 1.2846	* 2.6136	*
12	* 1.4504	* 1.7560	* 1.4475	* 1.6825	* 1.6756	* 1.0017	*	*
	* 1.4641	* 1.2092	* 1.4664	* 1.2600	* 1.2641	* 2.1064	*	*
13	* 1.1904	* 1.3415	* 1.6483	* 1.6443	* 1.0019	*	*	*
	* 1.7785	* 1.5779	* 1.2843	* 1.2863	* 2.1059	*	*	*
14	* 1.4861	* 1.4588	* 1.0262	* 0.8022	*	*	*	*
	* 1.4189	* 1.4451	* 2.0543	* 2.6241	*	*	*	*
15	* 0.7986	* 0.7253	* F-SUB-Q					
	* 2.6263	* 2.8909	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4347	* 1.2199	* 1.2200	* 1.5442	* 1.3349	* 1.1016	* 1.3557	* 0.7298
	* 1.4736	* 1.7335	* 1.7331	* 1.3681	* 1.5811	* 1.9094	* 1.5441	* 2.8534
9	* 1.2199	* 1.3615	* 1.5143	* 1.3148	* 1.5831	* 1.2477	* 1.3327	* 0.6838
	* 1.7335	* 1.5533	* 1.3961	* 1.6076	* 1.3330	* 1.6860	* 1.5706	* 3.0448
10	* 1.2200	* 1.5140	* 1.2458	* 1.5508	* 1.3342	* 1.4850	* 0.9478	*
	* 1.7331	* 1.3964	* 1.6967	* 1.3616	* 1.5813	* 1.4160	* 2.2094	*
11	* 1.5442	* 1.3119	* 1.5461	* 1.2424	* 1.4950	* 1.4791	* 0.7400	*
	* 1.3681	* 1.6111	* 1.3657	* 1.6986	* 1.4090	* 1.4199	* 2.8257	*
12	* 1.3349	* 1.5727	* 1.3285	* 1.4927	* 1.4987	* 0.9108	*	*
	* 1.5811	* 1.3416	* 1.5879	* 1.4111	* 1.4039	* 2.3012	*	*
13	* 1.1016	* 1.2376	* 1.4781	* 1.4768	* 0.9106	*	*	*
	* 1.9094	* 1.6995	* 1.4226	* 1.4220	* 2.3014	*	*	*
14	* 1.3557	* 1.3281	* 0.9433	* 0.7367	*	*	*	*
	* 1.5441	* 1.5759	* 2.2195	* 2.8381	*	*	*	*
15	* 0.7298	* 0.6672	* F-SUB-Q					
	* 2.8534	* 3.1208	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 275 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2029	* 1.0149	* 0.9995	* 1.2455	* 1.1033	* 0.9072	* 1.0730	* 0.5838
	* 1.7476	* 2.0719	* 2.1036	* 1.6864	* 1.9016	* 2.3048	* 1.9377	* 3.5454
9	* 1.0149	* 1.1204	* 1.2335	* 1.0801	* 1.2925	* 1.0280	* 1.0590	* 0.5522
	* 2.0719	* 1.8772	* 1.7045	* 1.9457	* 1.6230	* 2.0334	* 1.9634	* 3.7479
10	* 0.9995	* 1.2331	* 1.0184	* 1.2496	* 1.0925	* 1.2025	* 0.7695	*
	* 2.1036	* 1.7050	* 2.0640	* 1.6801	* 1.9195	* 1.7376	* 2.7038	*
11	* 1.2455	* 1.0780	* 1.2467	* 1.0127	* 1.2042	* 1.1691	* 0.6085	*
	* 1.6864	* 1.9493	* 1.6839	* 2.0720	* 1.7387	* 1.7846	* 3.4157	*
12	* 1.1033	* 1.2859	* 1.0883	* 1.2028	* 1.1799	* 0.7428	*	*
	* 1.9016	* 1.6311	* 1.9267	* 1.7406	* 1.7720	* 2.8044	*	*
13	* 0.9072	* 1.0204	* 1.1979	* 1.1673	* 0.7424	*	*	*
	* 2.3048	* 2.0482	* 1.7441	* 1.7873	* 2.8058	*	*	*
14	* 1.0730	* 1.0553	* 0.7661	* 0.6056	*	*	*	*
	* 1.9377	* 1.9701	* 2.7154	* 3.4313	*	*	*	*
15	* 0.5838	* 0.5426	* F-SUB-Q					
	* 3.5454	* 3.8144	* M-SUB-Q					

AT 100% POWER, 275 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5353	* 0.4803	* 0.4933	* 0.5717	* 0.5183	* 0.4452	* 0.4472	* 0.2723
	* 3.9070	* 4.3543	* 4.2388	* 3.6556	* 4.0261	* 4.6704	* 4.6257	* 7.5683
9	* 0.4803	* 0.5198	* 0.5655	* 0.5137	* 0.5657	* 0.4806	* 0.4397	* 0.2553
	* 4.3543	* 4.0243	* 3.6985	* 4.0686	* 3.6881	* 4.3265	* 4.7052	* 8.0719
10	* 0.4933	* 0.5657	* 0.5023	* 0.5720	* 0.5133	* 0.5177	* 0.3645	*
	* 4.2388	* 3.6978	* 4.1616	* 3.6506	* 4.0624	* 4.0142	* 5.6799	*
11	* 0.5717	* 0.5128	* 0.5713	* 0.4974	* 0.5452	* 0.4883	* 0.2840	*
	* 3.6556	* 4.0750	* 3.6550	* 4.1954	* 3.8194	* 4.2517	* 7.2853	*
12	* 0.5183	* 0.5630	* 0.5116	* 0.5445	* 0.5017	* 0.3539	*	*
	* 4.0261	* 3.7052	* 4.0760	* 3.8237	* 4.1413	* 5.8579	*	*
13	* 0.4452	* 0.4775	* 0.5157	* 0.4874	* 0.3535	*	*	*
	* 4.6704	* 4.3536	* 4.0296	* 4.2590	* 5.8637	*	*	*
14	* 0.4472	* 0.4381	* 0.3630	* 0.2826	*	*	*	*
	* 4.6257	* 4.7218	* 5.7032	* 7.3195	*	*	*	*
15	* 0.2723	* 0.2542	* F-SUB-Q					
	* 7.5683	* 8.1064	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6870	0.6495	0.6454	0.7112	0.6629	0.5915	0.5289	0.3494
	3.0680	3.2389	3.2464	2.9542	3.1691	3.4928	3.4664	5.2399
9	0.6495	0.6584	0.7024	0.6574	0.7001	0.6169	0.5561	0.3442
	3.2389	3.1328	2.9355	3.1658	2.9988	3.3859	3.5740	5.5729
10	0.6454	0.7023	0.5960	0.7022	0.6501	0.6438	0.4822	
	3.2464	2.9349	3.1623	2.9417	3.2297	3.2619	4.2890	
11	0.7112	0.6562	0.7015	0.6298	0.6702	0.6025	0.3884	
	2.9542	3.1670	2.9422	3.2860	3.1487	3.5126	5.4225	
12	0.6629	0.6978	0.6492	0.6698	0.6131	0.4559		
	3.1691	3.0082	3.2343	3.1502	3.4597	4.6148		
13	0.5915	0.6150	0.6425	0.6017	0.4541			
	3.4928	3.3957	3.2683	3.5171	4.6329			
14	0.5289	0.5550	0.4811	0.3871				
	3.4664	3.5804	4.2984	5.4395				
15	0.3494	0.3418	F-SUB-Q					
	5.2399	5.6102	M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2924	1.1465	1.1201	1.2983	1.1966	1.0428	1.1379	0.6865
	1.6385	1.8429	1.8844	1.6273	1.7650	2.0022	1.7625	2.8786
9	1.1465	1.2031	1.2845	1.1764	1.3317	1.1248	1.1291	0.6430
	1.8429	1.7409	1.6242	1.7826	1.5849	1.8690	1.8053	3.1013
10	1.1201	1.2844	1.1210	1.2896	1.1763	1.2461	0.8732	
	1.8844	1.6241	1.8419	1.6242	1.7971	1.6932	2.3874	
11	1.2983	1.1758	1.2884	1.1077	1.2394	1.1923	0.7050	
	1.6273	1.7834	1.6246	1.8973	1.7116	1.7809	2.9999	
12	1.1966	1.3271	1.1745	1.2386	1.1977	0.8087		
	1.7650	1.5904	1.7998	1.7126	1.7775	2.6264		
13	1.0428	1.1210	1.2437	1.1909	0.8068			
	2.0022	1.8752	1.6964	1.7830	2.6327			
14	1.1379	1.1272	0.8711	0.7029				
	1.7625	1.8082	2.3929	3.0088				
15	0.6865	0.6341	F-SUB-Q					
	2.8786	3.1447	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4822	1.2958	1.2875	1.5209	1.3690	1.1983	1.3468	0.8237
	1.4398	1.6455	1.6548	1.4004	1.5551	1.7617	1.5295	2.4723
9	1.2958	1.3816	1.5078	1.3604	1.5474	1.2901	1.3245	0.7708
	1.6455	1.5361	1.4050	1.5614	1.3752	1.6438	1.5669	2.6527
10	1.2875	1.5078	1.3058	1.5146	1.3616	1.4519	1.0346	
	1.6548	1.4049	1.6186	1.4014	1.5662	1.4644	2.0359	
11	1.5209	1.3595	1.5130	1.2850	1.4539	1.4021	0.8372	
	1.4004	1.5623	1.4019	1.6566	1.4702	1.5244	2.5446	
12	1.3690	1.5411	1.3592	1.4528	1.4102	0.9634		
	1.5551	1.3808	1.5688	1.4713	1.5187	2.2071		
13	1.1983	1.2854	1.4486	1.4005	0.9619			
	1.7617	1.6497	1.4676	1.5261	2.2104			
14	1.3468	1.3222	1.0321	0.8348				
	1.5295	1.5695	2.0405	2.5520				
15	0.8237	0.7624	F-SUB-Q					
	2.4723	2.6820	M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6650	1.4039	1.4040	1.7150	1.5000	1.2998	1.5049	0.8953
	1.2946	1.5356	1.5345	1.2545	1.4342	1.6444	1.3922	2.3193
9	1.4039	1.5146	1.7110	1.4897	1.7584	1.4153	1.4827	0.8226
	1.5356	1.4185	1.2537	1.4434	1.2223	1.5149	1.4208	2.5329
10	1.4040	1.7110	1.4303	1.7170	1.4959	1.6548	1.1159	
	1.5345	1.2537	1.4994	1.2514	1.4402	1.2975	1.9107	
11	1.7150	1.4887	1.7155	1.4119	1.6674	1.5911	0.8894	
	1.2545	1.4443	1.2518	1.5256	1.2941	1.3514	2.4196	
12	1.5000	1.7538	1.4933	1.6663	1.6183	1.0357		
	1.4342	1.2260	1.4427	1.2948	1.3206	2.0458		
13	1.2998	1.4098	1.6514	1.5895	1.0349			
	1.6444	1.5208	1.3001	1.3527	2.0475			
14	1.5049	1.4801	1.1130	0.8872				
	1.3922	1.4231	1.9156	2.4254				
15	0.8953	0.8142	F-SUB-Q					
	2.3193	2.5594	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6949	* 1.4130	* 1.4194	* 1.7480	* 1.5196	* 1.3095	* 1.5251	* 0.9075 *
	* 1.2835	* 1.5412	* 1.5332	* 1.2424	* 1.4293	* 1.6540	* 1.3986	* 2.3362 *
9	* 1.4130	* 1.5348	* 1.7462	* 1.5096	* 1.8015	* 1.4342	* 1.5040	* 0.8393 *
	* 1.5412	* 1.4157	* 1.2424	* 1.4394	* 1.2043	* 1.5105	* 1.4239	* 2.5322 *
10	* 1.4194	* 1.7462	* 1.4489	* 1.7547	* 1.5188	* 1.6973	* 1.1401	*
	* 1.5332	* 1.2424	* 1.4977	* 1.2369	* 1.4302	* 1.2756	* 1.8938	*
11	* 1.7480	* 1.5086	* 1.7533	* 1.4358	* 1.7153	* 1.6349	* 0.9142	*
	* 1.2424	* 1.4403	* 1.2379	* 1.5135	* 1.2605	* 1.3046	* 2.3503	*
12	* 1.5196	* 1.7975	* 1.5162	* 1.7145	* 1.6823	* 1.0741	*	*
	* 1.4293	* 1.2069	* 1.4326	* 1.2612	* 1.2612	* 1.9619	*	*
13	* 1.3095	* 1.4285	* 1.6940	* 1.6336	* 1.0734	*	*	*
	* 1.6540	* 1.5165	* 1.2779	* 1.3056	* 1.9633	*	*	*
14	* 1.5251	* 1.5015	* 1.1375	* 0.9120	*	*	*	*
	* 1.3986	* 1.4262	* 1.8980	* 2.3561	*	*	*	*
15	* 0.9075	* 0.8296	* F-SUB-Q					
	* 2.3362	* 2.5621	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6873	* 1.3995	* 1.4055	* 1.7388	* 1.5067	* 1.2971	* 1.5119	* 0.8995 *
	* 1.2842	* 1.5568	* 1.5479	* 1.2455	* 1.4375	* 1.6742	* 1.4304	* 2.3980 *
9	* 1.3995	* 1.5288	* 1.7381	* 1.4968	* 1.7968	* 1.4228	* 1.4921	* 0.8342 *
	* 1.5568	* 1.4233	* 1.2500	* 1.4524	* 1.2033	* 1.5212	* 1.4496	* 2.5889 *
10	* 1.4055	* 1.7382	* 1.4360	* 1.7480	* 1.5090	* 1.6935	* 1.1375	*
	* 1.5479	* 1.2500	* 1.5139	* 1.2399	* 1.4313	* 1.2680	* 1.9017	*
11	* 1.7388	* 1.4958	* 1.7467	* 1.4275	* 1.7158	* 1.6363	* 0.9166	*
	* 1.2455	* 1.4535	* 1.2409	* 1.5163	* 1.2477	* 1.2925	* 2.3179	*
12	* 1.5067	* 1.7930	* 1.5065	* 1.7152	* 1.6955	* 1.0841	*	*
	* 1.4375	* 1.2059	* 1.4337	* 1.2482	* 1.2423	* 1.9333	*	*
13	* 1.2971	* 1.4172	* 1.6908	* 1.6354	* 1.0836	*	*	*
	* 1.6742	* 1.5272	* 1.2692	* 1.2933	* 1.9342	*	*	*
14	* 1.5119	* 1.4896	* 1.1351	* 0.9144	*	*	*	*
	* 1.4304	* 1.4519	* 1.9058	* 2.3233	*	*	*	*
15	* 0.8995	* 0.8251	* F-SUB-Q					
	* 2.3980	* 2.6175	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6886	* 1.3838	* 1.3931	* 1.7373	* 1.4963	* 1.2810	* 1.5094	* 0.8862
	* 1.2747	* 1.5620	* 1.5507	* 1.2382	* 1.4372	* 1.6836	* 1.4331	* 2.4403
9	* 1.3838	* 1.5139	* 1.7370	* 1.4846	* 1.7997	* 1.4140	* 1.4904	* 0.8178
	* 1.5620	* 1.4292	* 1.2434	* 1.4540	* 1.1927	* 1.5196	* 1.4478	* 2.6443
10	* 1.3931	* 1.7372	* 1.4239	* 1.7483	* 1.4996	* 1.6984	* 1.1203	*
	* 1.5507	* 1.2433	* 1.5185	* 1.2303	* 1.4288	* 1.2518	* 1.9164	*
11	* 1.7373	* 1.4836	* 1.7472	* 1.4188	* 1.7221	* 1.6451	* 0.9010	*
	* 1.2382	* 1.4551	* 1.2310	* 1.5070	* 1.2311	* 1.2783	* 2.3377	*
12	* 1.4963	* 1.7963	* 1.4972	* 1.7217	* 1.7142	* 1.0713	*	*
	* 1.4372	* 1.1950	* 1.4311	* 1.2313	* 1.2233	* 1.9507	*	*
13	* 1.2810	* 1.4085	* 1.6960	* 1.6444	* 1.0711	*	*	*
	* 1.6836	* 1.5256	* 1.2527	* 1.2788	* 1.9510	*	*	*
14	* 1.5093	* 1.4881	* 1.1181	* 0.8991	*	*	*	*
	* 1.4331	* 1.4501	* 1.9201	* 2.3424	*	*	*	*
15	* 0.8862	* 0.8094	* F-SUB-Q					
	* 2.4403	* 2.6716	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6623	* 1.3553	* 1.3654	* 1.7077	* 1.4673	* 1.2535	* 1.4826	* 0.8683
	* 1.2892	* 1.5854	* 1.5729	* 1.2526	* 1.4572	* 1.7093	* 1.4508	* 2.4712
9	* 1.3553	* 1.4895	* 1.7081	* 1.4553	* 1.7716	* 1.3875	* 1.4646	* 0.8032
	* 1.5854	* 1.4479	* 1.2588	* 1.4751	* 1.2043	* 1.5361	* 1.4673	* 2.6711
10	* 1.3654	* 1.7083	* 1.3955	* 1.7196	* 1.4719	* 1.6733	* 1.1005	*
	* 1.5729	* 1.2586	* 1.5425	* 1.2419	* 1.4475	* 1.2658	* 1.9353	*
11	* 1.7077	* 1.4544	* 1.7186	* 1.3928	* 1.6977	* 1.6243	* 0.8865	*
	* 1.2526	* 1.4761	* 1.2425	* 1.5285	* 1.2457	* 1.2943	* 2.3693	*
12	* 1.4673	* 1.7683	* 1.4696	* 1.6976	* 1.6978	* 1.0590	*	*
	* 1.4572	* 1.2065	* 1.4497	* 1.2458	* 1.2363	* 1.9772	*	*
13	* 1.2535	* 1.3821	* 1.6713	* 1.6239	* 1.0590	*	*	*
	* 1.7093	* 1.5421	* 1.2665	* 1.2945	* 1.9771	*	*	*
14	* 1.4826	* 1.4623	* 1.0985	* 0.8849	*	*	*	*
	* 1.4508	* 1.4695	* 1.9388	* 2.3736	*	*	*	*
15	* 0.8683	* 0.7940	* F-SUB-Q					
	* 2.4712	* 2.7017	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6588	* 1.3410	* 1.3504	* 1.7013	* 1.4536	* 1.2365	* 1.4774	* 0.8527 *
	* 1.2805	* 1.5874	* 1.5758	* 1.2482	* 1.4623	* 1.7232	* 1.4468	* 2.4982 *
9	* 1.3410	* 1.4728	* 1.7028	* 1.4391	* 1.7674	* 1.3742	* 1.4601	* 0.7805 *
	* 1.5874	* 1.4452	* 1.2491	* 1.4786	* 1.2008	* 1.5469	* 1.4609	* 2.7278 *
10	* 1.3504	* 1.7031	* 1.3798	* 1.7138	* 1.4570	* 1.6708	* 1.0766 *	
	* 1.5758	* 1.2489	* 1.5465	* 1.2385	* 1.4572	* 1.2694	* 1.9764 *	
11	* 1.7013	* 1.4382	* 1.7130	* 1.3784	* 1.6950	* 1.6244	* 0.8643 *	
	* 1.2482	* 1.4795	* 1.2390	* 1.5415	* 1.2487	* 1.3020	* 2.4416 *	
12	* 1.4536	* 1.7644	* 1.4548	* 1.6950	* 1.7014	* 1.0367 *		
	* 1.4623	* 1.2028	* 1.4593	* 1.2487	* 1.2414	* 2.0359 *		
13	* 1.2365	* 1.3688	* 1.6690	* 1.6243	* 1.0371 *			
	* 1.7232	* 1.5530	* 1.2707	* 1.3020	* 2.0350 *			
14	* 1.4774	* 1.4580	* 1.0744	* 0.8627 *				
	* 1.4468	* 1.4630	* 1.9803	* 2.4457 *				
15	* 0.8527	* 0.7730	* F-SUB-Q					
	* 2.4982	* 2.7539	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5928	* 1.3090	* 1.3018	* 1.6291	* 1.3977	* 1.2094	* 1.4119	* 0.8317 *
	* 1.3242	* 1.6152	* 1.6219	* 1.2933	* 1.5094	* 1.7479	* 1.5030	* 2.5583 *
9	* 1.3090	* 1.4397	* 1.6308	* 1.3875	* 1.6923	* 1.3222	* 1.3948	* 0.7760 *
	* 1.6152	* 1.4681	* 1.2942	* 1.5220	* 1.2441	* 1.5959	* 1.5183	* 2.7403 *
10	* 1.3018	* 1.6311	* 1.3290	* 1.6412	* 1.4045	* 1.5987	* 1.0625 *	
	* 1.6219	* 1.2939	* 1.5931	* 1.2830	* 1.5002	* 1.3165	* 1.9887 *	
11	* 1.6291	* 1.3866	* 1.6405	* 1.3284	* 1.6233	* 1.5551	* 0.8621 *	
	* 1.2933	* 1.5230	* 1.2835	* 1.5872	* 1.2936	* 1.3498	* 2.4449 *	
12	* 1.3977	* 1.6895	* 1.4025	* 1.6234	* 1.6297	* 1.0365 *		
	* 1.5094	* 1.2463	* 1.5023	* 1.2935	* 1.2859	* 2.0257 *		
13	* 1.2094	* 1.3172	* 1.5972	* 1.5552	* 1.0367 *			
	* 1.7479	* 1.6007	* 1.3168	* 1.3496	* 2.0254 *			
14	* 1.4119	* 1.3929	* 1.0608	* 0.8607 *				
	* 1.5030	* 1.5205	* 1.9920	* 2.4490 *				
15	* 0.8317	* 0.7679	* F-SUB-Q					
	* 2.5583	* 2.7690	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6134	1.2925	1.3008	1.6467	1.4008	1.1870	1.4289	0.8206
	1.3007	1.6245	1.6140	1.2734	1.4981	1.7716	1.4776	2.5733
9	1.2925	1.4252	1.6506	1.3864	1.7133	1.3243	1.4126	0.7555
	1.6245	1.4747	1.2723	1.5146	1.2237	1.5850	1.4916	2.7927
10	1.3008	1.6509	1.3284	1.6593	1.4047	1.6203	1.0398	
	1.6140	1.2720	1.5844	1.2631	1.4920	1.2924	2.0202	
11	1.6467	1.3856	1.6589	1.3282	1.6440	1.5789	0.8369	
	1.2734	1.5154	1.2634	1.5782	1.2714	1.3234	2.4978	
12	1.4008	1.7108	1.4027	1.6443	1.6583	1.0094		
	1.4981	1.2255	1.4941	1.2711	1.2583	2.0668		
13	1.1870	1.3191	1.6191	1.5793	1.0102			
	1.7716	1.5912	1.2924	1.3230	2.0652			
14	1.4289	1.4107	1.0382	0.8358				
	1.4776	1.4936	2.0233	2.5010				
15	0.8206	0.7482	F-SUB-Q					
	2.5733	2.8198	M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5949	1.2742	1.2823	1.6258	1.3799	1.1678	1.4091	0.8086
	1.3038	1.6315	1.6205	1.2781	1.5062	1.7815	1.4828	2.5793
9	1.2742	1.4113	1.6312	1.3664	1.6919	1.3044	1.3930	0.7464
	1.6315	1.4749	1.2754	1.5215	1.2284	1.5934	1.4969	2.7923
10	1.2823	1.6316	1.3091	1.6383	1.3843	1.6000	1.0264	
	1.6205	1.2751	1.5911	1.2677	1.4995	1.2964	2.0245	
11	1.6258	1.3657	1.6380	1.3092	1.6245	1.5606	0.8276	
	1.2781	1.5223	1.2679	1.5849	1.2751	1.3271	2.5007	
12	1.3799	1.6896	1.3825	1.6250	1.6416	1.0014		
	1.5062	1.2301	1.5014	1.2748	1.2601	2.0634		
13	1.1678	1.2993	1.6001	1.5612	1.0020			
	1.7815	1.5994	1.2962	1.3265	2.0620			
14	1.4091	1.3913	1.0250	0.8266				
	1.4828	1.4988	2.0273	2.5035				
15	0.8086	0.7400	F-SUB-Q					
	2.5793	2.8164	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5560	* 1.2619	* 1.2518	* 1.5816	* 1.3445	* 1.1572	* 1.3682	* 0.7955 *
	* 1.3386	* 1.6509	* 1.6623	* 1.3150	* 1.5472	* 1.7988	* 1.5250	* 2.6182 *
9	* 1.2619	* 1.3949	* 1.5874	* 1.3342	* 1.6456	* 1.2713	* 1.3523	* 0.7433 *
	* 1.6509	* 1.4937	* 1.3114	* 1.5598	* 1.2636	* 1.6355	* 1.5406	* 2.8006 *
10	* 1.2518	* 1.5879	* 1.2775	* 1.5937	* 1.3513	* 1.5562	* 1.0171	*
	* 1.6623	* 1.3111	* 1.6315	* 1.3040	* 1.5374	* 1.3335	* 2.0434	*
11	* 1.5816	* 1.3334	* 1.5935	* 1.2780	* 1.5805	* 1.5179	* 0.8262	*
	* 1.3150	* 1.5606	* 1.3041	* 1.6252	* 1.3109	* 1.3653	* 2.5077	*
12	* 1.3445	* 1.6434	* 1.3496	* 1.5810	* 1.5980	* 1.0024	*	*
	* 1.5472	* 1.2653	* 1.5394	* 1.3105	* 1.2958	* 2.0642	*	*
13	* 1.1572	* 1.2677	* 1.5566	* 1.5188	* 1.0030	*	*	*
	* 1.7988	* 1.6398	* 1.3331	* 1.3646	* 2.0630	*	*	*
14	* 1.3682	* 1.3506	* 1.0158	* 0.8251	*	*	*	*
	* 1.5250	* 1.5425	* 2.0461	* 2.5107	*	*	*	*
15	* 0.7955	* 0.7354	* F-SUB-Q					
	* 2.6182	* 2.8307	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5837	* 1.2496	* 1.2582	* 1.6061	* 1.3540	* 1.1390	* 1.3911	* 0.7894 *
	* 1.3332	* 1.6894	* 1.6758	* 1.3111	* 1.5553	* 1.8487	* 1.5137	* 2.6578 *
9	* 1.2496	* 1.3881	* 1.6146	* 1.3396	* 1.6734	* 1.2796	* 1.3761	* 0.7272 *
	* 1.6894	* 1.5201	* 1.3054	* 1.5730	* 1.2577	* 1.6436	* 1.5292	* 2.8836 *
10	* 1.2582	* 1.6151	* 1.2842	* 1.6185	* 1.3577	* 1.5859	* 1.0006	*
	* 1.6758	* 1.3050	* 1.6423	* 1.2998	* 1.5491	* 1.3239	* 2.1006	*
11	* 1.6061	* 1.3389	* 1.6185	* 1.2843	* 1.6099	* 1.5493	* 0.8069	*
	* 1.3111	* 1.5738	* 1.2998	* 1.6356	* 1.3026	* 1.3538	* 2.5956	*
12	* 1.3540	* 1.6714	* 1.3561	* 1.6105	* 1.6346	* 0.9829	*	*
	* 1.5553	* 1.2592	* 1.5510	* 1.3021	* 1.2823	* 2.1319	*	*
13	* 1.1390	* 1.2750	* 1.5868	* 1.5505	* 0.9839	*	*	*
	* 1.8487	* 1.6496	* 1.3232	* 1.3527	* 2.1296	*	*	*
14	* 1.3911	* 1.3745	* 0.9991	* 0.8063	*	*	*	*
	* 1.5137	* 1.5310	* 2.1038	* 2.5975	*	*	*	*
15	* 0.7894	* 0.7195	* F-SUB-Q					
	* 2.6578	* 2.9141	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5918	* 1.2482	* 1.2575	* 1.6119	* 1.3530	* 1.1341	* 1.3952	* 0.7856 *
	* 1.3148	* 1.6706	* 1.6591	* 1.2984	* 1.5430	* 1.8318	* 1.4897	* 2.6193 *
9	* 1.2482	* 1.3879	* 1.6224	* 1.3380	* 1.6801	* 1.2789	* 1.3806	* 0.7204 *
	* 1.6706	* 1.5067	* 1.2907	* 1.5612	* 1.2464	* 1.6277	* 1.5048	* 2.8554 *
10	* 1.2576	* 1.6230	* 1.2837	* 1.6243	* 1.3561	* 1.5943	* 0.9933 *	
	* 1.6591	* 1.2902	* 1.6269	* 1.2881	* 1.5388	* 1.3087	* 2.0857 *	
11	* 1.6119	* 1.3373	* 1.6245	* 1.2838	* 1.6195	* 1.5589	* 0.7995 *	
	* 1.2984	* 1.5619	* 1.2879	* 1.6214	* 1.2889	* 1.3371	* 2.5802 *	
12	* 1.3530	* 1.6783	* 1.3545	* 1.6202	* 1.6478	* 0.9789 *		
	* 1.5430	* 1.2476	* 1.5404	* 1.2884	* 1.2662	* 2.1170 *		
13	* 1.1341	* 1.2743	* 1.5955	* 1.5604	* 0.9802 *			
	* 1.8318	* 1.6334	* 1.3077	* 1.3358	* 2.1142 *			
14	* 1.3952	* 1.3791	* 0.9920	* 0.7984 *				
	* 1.4897	* 1.5063	* 2.0882	* 2.5836 *				
15	* 0.7856	* 0.7133	* F-SUB-Q					
	* 2.6193	* 2.8831	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5968	* 1.2482	* 1.2569	* 1.6129	* 1.3512	* 1.1313	* 1.3933	* 0.7851 *
	* 1.2975	* 1.6543	* 1.6433	* 1.2837	* 1.5284	* 1.8153	* 1.4715	* 2.5843 *
9	* 1.2482	* 1.3946	* 1.6248	* 1.3376	* 1.6813	* 1.2765	* 1.3787	* 0.7245 *
	* 1.6543	* 1.4843	* 1.2751	* 1.5454	* 1.2317	* 1.6119	* 1.4868	* 2.8000 *
10	* 1.2569	* 1.6254	* 1.2829	* 1.6253	* 1.3552	* 1.5949	* 0.9965 *	
	* 1.6433	* 1.2746	* 1.6109	* 1.2733	* 1.5232	* 1.2931	* 2.0536 *	
11	* 1.6129	* 1.3369	* 1.6256	* 1.2825	* 1.6212	* 1.5598	* 0.8046 *	
	* 1.2837	* 1.5461	* 1.2731	* 1.6059	* 1.2735	* 1.3211	* 2.5343 *	
12	* 1.3512	* 1.6796	* 1.3538	* 1.6220	* 1.6501	* 0.9862 *		
	* 1.5284	* 1.2328	* 1.5247	* 1.2729	* 1.2505	* 2.0787 *		
13	* 1.1313	* 1.2720	* 1.5964	* 1.5614	* 0.9878 *			
	* 1.8153	* 1.6174	* 1.2919	* 1.3197	* 2.0754 *			
14	* 1.3933	* 1.3773	* 0.9955	* 0.8043 *				
	* 1.4715	* 1.4882	* 2.0554	* 2.5353 *				
15	* 0.7851	* 0.7166	* F-SUB-Q					
	* 2.5843	* 2.8301	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5834	* 1.2648	* 1.2526	* 1.5995	* 1.3420	* 1.1476	* 1.3757	* 0.7879 *
	* 1.3055	* 1.6307	* 1.6467	* 1.2912	* 1.5341	* 1.7860	* 1.4809	* 2.5576 *
9	* 1.2648	* 1.4088	* 1.6108	* 1.3328	* 1.6652	* 1.2706	* 1.3607	* 0.7379 *
	* 1.6307	* 1.4663	* 1.2831	* 1.5473	* 1.2393	* 1.6158	* 1.4973	* 2.7304 *
10	* 1.2526	* 1.6114	* 1.2777	* 1.6113	* 1.3494	* 1.5783	* 1.0095	*
	* 1.6467	* 1.2826	* 1.6141	* 1.2807	* 1.5252	* 1.3011	* 2.0168	*
11	* 1.5995	* 1.3322	* 1.6120	* 1.2770	* 1.6072	* 1.5429	* 0.8214	*
	* 1.2912	* 1.5480	* 1.2802	* 1.6083	* 1.2801	* 1.3299	* 2.4715	*
12	* 1.3420	* 1.6636	* 1.3481	* 1.6080	* 1.6333	* 1.0092	*	*
	* 1.5341	* 1.2404	* 1.5266	* 1.2795	* 1.2586	* 2.0240	*	*
13	* 1.1476	* 1.2676	* 1.5798	* 1.5447	* 1.0103	*	*	*
	* 1.7860	* 1.6195	* 1.2998	* 1.3283	* 2.0217	*	*	*
14	* 1.3757	* 1.3593	* 1.0086	* 0.8209	*	*	*	*
	* 1.4809	* 1.4987	* 2.0185	* 2.4728	*	*	*	*
15	* 0.7879	* 0.7295	* F-SUB-Q					
	* 2.5576	* 2.7612	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6497	* 1.2765	* 1.2870	* 1.6647	* 1.3834	* 1.1507	* 1.4322	* 0.7963 *
	* 1.2461	* 1.6055	* 1.5926	* 1.2340	* 1.4817	* 1.7727	* 1.4212	* 2.5271 *
9	* 1.2765	* 1.4312	* 1.6804	* 1.3692	* 1.7359	* 1.3053	* 1.4179	* 0.7314 *
	* 1.6055	* 1.4343	* 1.2228	* 1.4980	* 1.1836	* 1.5656	* 1.4355	* 2.7512 *
10	* 1.2870	* 1.6812	* 1.3142	* 1.6777	* 1.3869	* 1.6477	* 1.0096	*
	* 1.5926	* 1.2223	* 1.5601	* 1.2240	* 1.4775	* 1.2430	* 2.0140	*
11	* 1.6647	* 1.3685	* 1.6783	* 1.3147	* 1.6779	* 1.6133	* 0.8136	*
	* 1.2340	* 1.4987	* 1.2236	* 1.5560	* 1.2219	* 1.2686	* 2.4932	*
12	* 1.3834	* 1.7345	* 1.3856	* 1.6788	* 1.7117	* 1.0050	*	*
	* 1.4817	* 1.1844	* 1.4788	* 1.2212	* 1.1972	* 2.0275	*	*
13	* 1.1507	* 1.3008	* 1.6497	* 1.6155	* 1.0066	*	*	*
	* 1.7727	* 1.5709	* 1.2415	* 1.2670	* 2.0243	*	*	*
14	* 1.4322	* 1.4165	* 1.0085	* 0.8128	*	*	*	*
	* 1.4212	* 1.4368	* 2.0161	* 2.4955	*	*	*	*
15	* 0.7963	* 0.7240	* F-SUB-Q					
	* 2.5271	* 2.7789	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6749	* 1.2910	* 1.3035	* 1.6910	* 1.4017	* 1.1623	* 1.4517	* 0.8041 *
	* 1.2082	* 1.5632	* 1.5481	* 1.1952	* 1.4387	* 1.7260	* 1.3774	* 2.4649 *
9	* 1.2910	* 1.4529	* 1.7078	* 1.3874	* 1.7639	* 1.3220	* 1.4374	* 0.7393 *
	* 1.5632	* 1.3910	* 1.1843	* 1.4551	* 1.1455	* 1.5198	* 1.3912	* 2.6808 *
10	* 1.3035	* 1.7085	* 1.3318	* 1.7045	* 1.4055	* 1.6747	* 1.0205 *	
	* 1.5481	* 1.1837	* 1.5158	* 1.1852	* 1.4344	* 1.2021	* 1.9583 *	
11	* 1.6910	* 1.3868	* 1.7052	* 1.3326	* 1.7071	* 1.6403	* 0.8221 *	
	* 1.1952	* 1.4557	* 1.1847	* 1.5102	* 1.1808	* 1.2265	* 2.4259 *	
12	* 1.4017	* 1.7625	* 1.4043	* 1.7080	* 1.7425	* 1.0194 *		
	* 1.4387	* 1.1463	* 1.4356	* 1.1802	* 1.1562	* 1.9655 *		
13	* 1.1623	* 1.3174	* 1.6768	* 1.6426	* 1.0211 *			
	* 1.7260	* 1.5250	* 1.2005	* 1.2248	* 1.9623 *			
14	* 1.4517	* 1.4358	* 1.0194	* 0.8212 *				
	* 1.3774	* 1.3926	* 1.9603	* 2.4286 *				
15	* 0.8041	* 0.7311	* F-SUB-Q					
	* 2.4649	* 2.7106	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6902	* 1.3035	* 1.3164	* 1.7092	* 1.4163	* 1.1730	* 1.4597	* 0.8095 *
	* 1.1835	* 1.5317	* 1.5161	* 1.1690	* 1.4071	* 1.6892	* 1.3510	* 2.4146 *
9	* 1.3035	* 1.4705	* 1.7243	* 1.4030	* 1.7798	* 1.3344	* 1.4448	* 0.7590 *
	* 1.5317	* 1.3593	* 1.1594	* 1.4228	* 1.1215	* 1.4868	* 1.3650	* 2.5748 *
10	* 1.3164	* 1.7250	* 1.3454	* 1.7220	* 1.4210	* 1.6861	* 1.0308 *	
	* 1.5161	* 1.1589	* 1.4839	* 1.1595	* 1.4020	* 1.1784	* 1.9133 *	
11	* 1.7092	* 1.4024	* 1.7229	* 1.3445	* 1.7206	* 1.6504	* 0.8286 *	
	* 1.1690	* 1.4234	* 1.1588	* 1.4792	* 1.1569	* 1.2031	* 2.3759 *	
12	* 1.4163	* 1.7782	* 1.4196	* 1.7216	* 1.7532	* 1.0372 *		
	* 1.4071	* 1.1224	* 1.4033	* 1.1562	* 1.1344	* 1.9074 *		
13	* 1.1730	* 1.3295	* 1.6881	* 1.6526	* 1.0391 *			
	* 1.6892	* 1.4921	* 1.1770	* 1.2014	* 1.9040 *			
14	* 1.4597	* 1.4430	* 1.0296	* 0.8274 *				
	* 1.3510	* 1.3666	* 1.9154	* 2.3790 *				
15	* 0.8095	* 0.7372	* F-SUB-Q					
	* 2.4146	* 2.6509	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6696	1.3044	1.3081	1.6972	1.4087	1.1689	1.4340	0.8008
	1.1873	1.5177	1.5129	1.1666	1.4016	1.6807	1.3597	2.4137
9	1.3044	1.4672	1.7072	1.3964	1.7541	1.3252	1.4182	0.7485
	1.5177	1.3507	1.1610	1.4172	1.1268	1.4821	1.3750	2.5814
10	1.3081	1.7087	1.3371	1.7091	1.4132	1.6556	1.0255	
	1.5129	1.1600	1.4806	1.1574	1.3967	1.1874	1.9029	
11	1.6972	1.3957	1.7100	1.3327	1.6912	1.6164	0.8213	
	1.1666	1.4178	1.1568	1.4794	1.1647	1.2152	2.3717	
12	1.4087	1.7521	1.4117	1.6926	1.7122	1.0257		
	1.4016	1.1280	1.3981	1.1638	1.1492	1.9086		
13	1.1689	1.3201	1.6572	1.6183	1.0273			
	1.6807	1.4876	1.1862	1.2137	1.9057			
14	1.4340	1.4163	1.0239	0.8199				
	1.3597	1.3768	1.9056	2.3758				
15	0.8008	0.7309	F-SUB-Q					
	2.4137	2.6437	M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5694	1.2514	1.2513	1.6083	1.3504	1.1203	1.3559	0.7566
	1.2524	1.5698	1.5693	1.2205	1.4497	1.7366	1.4234	2.5291
9	1.2514	1.3987	1.6126	1.3385	1.6604	1.2684	1.3382	0.7101
	1.5698	1.4053	1.2190	1.4666	1.1799	1.5349	1.4424	2.6943
10	1.2513	1.6139	1.2782	1.6184	1.3544	1.5564	0.9748	
	1.5693	1.2180	1.5367	1.2119	1.4449	1.2511	1.9827	
11	1.6083	1.3378	1.6189	1.2720	1.5871	1.5160	0.7811	
	1.2205	1.4674	1.2114	1.5395	1.2301	1.2828	2.4703	
12	1.3504	1.6574	1.3527	1.5879	1.5904	0.9691		
	1.4497	1.1819	1.4466	1.2294	1.2251	2.0011		
13	1.1203	1.2630	1.5560	1.5172	0.9702			
	1.7366	1.5412	1.2509	1.2817	1.9988			
14	1.3559	1.3361	0.9731	0.7794				
	1.4234	1.4446	1.9859	2.4755				
15	0.7566	0.6946	F-SUB-Q					
	2.5291	2.7546	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 375 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2968	* 1.0763	* 1.0607	* 1.3191	* 1.1566	* 0.9552	* 1.1215	* 0.6286
	* 1.5022	* 1.8094	* 1.8358	* 1.4747	* 1.6775	* 2.0185	* 1.7040	* 3.0163
9	* 1.0763	* 1.1876	* 1.3192	* 1.1394	* 1.3689	* 1.0828	* 1.1090	* 0.5951
	* 1.8094	* 1.6410	* 1.4765	* 1.7080	* 1.4176	* 1.7810	* 1.7234	* 3.1864
10	* 1.0607	* 1.3196	* 1.0821	* 1.3256	* 1.1503	* 1.2765	* 0.8198	*
	* 1.8358	* 1.4760	* 1.8001	* 1.4663	* 1.6860	* 1.5107	* 2.3350	*
11	* 1.3191	* 1.1388	* 1.3258	* 1.0756	* 1.2952	* 1.2455	* 0.6629	*
	* 1.4747	* 1.7089	* 1.4661	* 1.8050	* 1.4946	* 1.5458	* 2.8844	*
12	* 1.1566	* 1.3659	* 1.1487	* 1.2957	* 1.2885	* 0.8140	*	*
	* 1.6775	* 1.4205	* 1.6882	* 1.4940	* 1.4973	* 2.3603	*	*
13	* 0.9552	* 1.0782	* 1.2753	* 1.2462	* 0.8145	*	*	*
	* 2.0185	* 1.7884	* 1.5120	* 1.5449	* 2.3588	*	*	*
14	* 1.1215	* 1.1071	* 0.8184	* 0.6613	*	*	*	*
	* 1.7040	* 1.7261	* 2.3388	* 2.8910	*	*	*	*
15	* 0.6286	* 0.5855	* F-SUB-Q					
	* 3.0163	* 3.2380	* M-SUB-Q					

AT 100% POWER, 375 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5997	* 0.5388	* 0.5519	* 0.6336	* 0.5751	* 0.4957	* 0.5000	* 0.3087
	* 3.2173	* 3.5806	* 3.4943	* 3.0400	* 3.3414	* 3.8503	* 3.7862	* 6.0931
9	* 0.5388	* 0.5818	* 0.6327	* 0.5729	* 0.6291	* 0.5354	* 0.4928	* 0.2896
	* 3.5806	* 3.3174	* 3.0486	* 3.3630	* 3.0537	* 3.5667	* 3.8423	* 6.4953
10	* 0.5519	* 0.6328	* 0.5621	* 0.6362	* 0.5726	* 0.5800	* 0.4080	*
	* 3.4943	* 3.0478	* 3.4296	* 3.0249	* 3.3535	* 3.2917	* 4.6501	*
11	* 0.6336	* 0.5726	* 0.6362	* 0.5580	* 0.6154	* 0.5536	* 0.3243	*
	* 3.0400	* 3.3647	* 3.0251	* 3.4453	* 3.1142	* 3.4453	* 5.8461	*
12	* 0.5751	* 0.6276	* 0.5718	* 0.6155	* 0.5753	* 0.4045	*	*
	* 3.3414	* 3.0609	* 3.3579	* 3.1138	* 3.3208	* 4.7077	*	*
13	* 0.4957	* 0.5334	* 0.5792	* 0.5537	* 0.4045	*	*	*
	* 3.8503	* 3.5798	* 3.2959	* 3.4447	* 4.7075	*	*	*
14	* 0.5000	* 0.4918	* 0.4073	* 0.3236	*	*	*	*
	* 3.7862	* 3.8498	* 4.6578	* 5.8598	*	*	*	*
15	* 0.3087	* 0.2885	* F-SUB-Q					
	* 6.0931	* 6.5197	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7563	* 0.7157	* 0.7109	* 0.7859	* 0.7349	* 0.6639	* 0.5967	* 0.4061
	* 2.7153	* 2.8609	* 2.8714	* 2.6059	* 2.7860	* 3.0296	* 2.9589	* 4.3685
9	* 0.7157	* 0.7245	* 0.7744	* 0.7267	* 0.7773	* 0.6936	* 0.6312	* 0.3997
	* 2.8609	* 2.7691	* 2.5851	* 2.7873	* 2.6331	* 2.9356	* 3.0575	* 4.6506
10	* 0.7109	* 0.7744	* 0.6471	* 0.7805	* 0.7263	* 0.7273	* 0.5461	*
	* 2.8714	* 2.5844	* 2.7724	* 2.5806	* 2.8197	* 2.8167	* 3.6891	*
11	* 0.7859	* 0.7256	* 0.7801	* 0.7036	* 0.7578	* 0.6870	* 0.4490	*
	* 2.6059	* 2.7880	* 2.5804	* 2.8670	* 2.7180	* 3.0085	* 4.5770	*
12	* 0.7349	* 0.7752	* 0.7255	* 0.7576	* 0.7016	* 0.5217	*	*
	* 2.7860	* 2.6399	* 2.8224	* 2.7184	* 2.9541	* 3.9391	*	*
13	* 0.6639	* 0.6920	* 0.7263	* 0.6864	* 0.5200	*	*	*
	* 3.0296	* 2.9421	* 2.8205	* 3.0109	* 3.9523	*	*	*
14	* 0.5967	* 0.6303	* 0.5453	* 0.4479	*	*	*	*
	* 2.9589	* 3.0615	* 3.6945	* 4.5880	*	*	*	*
15	* 0.4061	* 0.3968	* F-SUB-Q					
	* 4.3685	* 4.6842	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3303	* 1.1748	* 1.1526	* 1.3349	* 1.2321	* 1.0908	* 1.1885	* 0.7444
	* 1.5503	* 1.7517	* 1.7836	* 1.5422	* 1.6705	* 1.8637	* 1.6378	* 2.5742
9	* 1.1748	* 1.2322	* 1.3223	* 1.2093	* 1.3815	* 1.1746	* 1.1822	* 0.6974
	* 1.7517	* 1.6541	* 1.5349	* 1.6886	* 1.4890	* 1.7444	* 1.6761	* 2.7750
10	* 1.1526	* 1.3224	* 1.1556	* 1.3349	* 1.2211	* 1.3134	* 0.9286	*
	* 1.7836	* 1.5346	* 1.7368	* 1.5315	* 1.6880	* 1.5666	* 2.1870	*
11	* 1.3349	* 1.2089	* 1.3343	* 1.1556	* 1.3100	* 1.2602	* 0.7649	*
	* 1.5422	* 1.6891	* 1.5316	* 1.7724	* 1.5801	* 1.6448	* 2.6974	*
12	* 1.2321	* 1.3794	* 1.2199	* 1.3096	* 1.2880	* 0.8743	*	*
	* 1.6705	* 1.4917	* 1.6896	* 1.5805	* 1.6140	* 2.3756	*	*
13	* 1.0908	* 1.1716	* 1.3118	* 1.2593	* 0.8724	*	*	*
	* 1.8637	* 1.7487	* 1.5684	* 1.6458	* 2.3807	*	*	*
14	* 1.1885	* 1.1808	* 0.9271	* 0.7631	*	*	*	*
	* 1.6378	* 1.6780	* 2.1905	* 2.7035	*	*	*	*
15	* 0.7444	* 0.6883	* F-SUB-Q					
	* 2.5742	* 2.8115	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4892	* 1.2847	* 1.2762	* 1.5119	* 1.3616	* 1.2097	* 1.3567	* 0.8632 *
	* 1.3955	* 1.6162	* 1.6260	* 1.3724	* 1.5234	* 1.6994	* 1.4762	* 2.2919 *
9	* 1.2847	* 1.3643	* 1.5024	* 1.3486	* 1.5628	* 1.3032	* 1.3390	* 0.8102 *
	* 1.6162	* 1.5142	* 1.3725	* 1.5341	* 1.3269	* 1.5855	* 1.5077	* 2.4529 *
10	* 1.2762	* 1.5026	* 1.2968	* 1.5161	* 1.3628	* 1.4896	* 1.0661	*
	* 1.6260	* 1.3723	* 1.5866	* 1.3664	* 1.5253	* 1.3912	* 1.9246	*
11	* 1.5119	* 1.3480	* 1.5153	* 1.2903	* 1.4929	* 1.4296	* 0.8806	*
	* 1.3724	* 1.5347	* 1.3669	* 1.6080	* 1.3966	* 1.4584	* 2.3595	*
12	* 1.3616	* 1.5605	* 1.3614	* 1.4924	* 1.4770	* 1.0115	*	*
	* 1.5234	* 1.3288	* 1.5268	* 1.3970	* 1.4157	* 2.0543	*	*
13	* 1.2097	* 1.2998	* 1.4880	* 1.4288	* 1.0104	*	*	*
	* 1.6994	* 1.5896	* 1.3927	* 1.4592	* 2.0567	*	*	*
14	* 1.3567	* 1.3374	* 1.0645	* 0.8787	*	*	*	*
	* 1.4762	* 1.5094	* 1.9274	* 2.3646	*	*	*	*
15	* 0.8632	* 0.8023	* F-SUB-Q					
	* 2.2919	* 2.4773	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6043	* 1.3527	* 1.3512	* 1.6336	* 1.4473	* 1.2782	* 1.4789	* 0.9168 *
	* 1.3084	* 1.5522	* 1.5531	* 1.2829	* 1.4480	* 1.6286	* 1.3780	* 2.2029 *
9	* 1.3527	* 1.4496	* 1.6286	* 1.4304	* 1.6963	* 1.3850	* 1.4606	* 0.8444 *
	* 1.5522	* 1.4431	* 1.2825	* 1.4643	* 1.2349	* 1.5081	* 1.4034	* 2.4005 *
10	* 1.3512	* 1.6287	* 1.3769	* 1.6420	* 1.4483	* 1.6248	* 1.1175	*
	* 1.5531	* 1.2823	* 1.5166	* 1.2761	* 1.4498	* 1.2877	* 1.8585	*
11	* 1.6336	* 1.4298	* 1.6413	* 1.3726	* 1.6274	* 1.5689	* 0.9100	*
	* 1.2829	* 1.4649	* 1.2766	* 1.5294	* 1.2928	* 1.3386	* 2.3058	*
12	* 1.4473	* 1.6940	* 1.4468	* 1.6271	* 1.6291	* 1.0540	*	*
	* 1.4480	* 1.2365	* 1.4513	* 1.2930	* 1.2809	* 1.9630	*	*
13	* 1.2782	* 1.3812	* 1.6232	* 1.5684	* 1.0534	*	*	*
	* 1.6286	* 1.5123	* 1.2889	* 1.3390	* 1.9641	*	*	*
14	* 1.4789	* 1.4590	* 1.1160	* 0.9083	*	*	*	*
	* 1.3780	* 1.4050	* 1.8611	* 2.3099	*	*	*	*
15	* 0.9168	* 0.8372	* F-SUB-Q					
	* 2.2029	* 2.4212	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5958	* 1.3367	* 1.3396	* 1.6273	* 1.4347	* 1.2635	* 1.4747	* 0.9157
	* 1.3279	* 1.5874	* 1.5831	* 1.3003	* 1.4751	* 1.6701	* 1.4078	* 2.2538
9	* 1.3367	* 1.4398	* 1.6238	* 1.4182	* 1.6918	* 1.3732	* 1.4569	* 0.8485
	* 1.5874	* 1.4702	* 1.3014	* 1.4928	* 1.2495	* 1.5373	* 1.4312	* 2.4389
10	* 1.3396	* 1.6240	* 1.3661	* 1.6375	* 1.4374	* 1.6220	* 1.1200	
	* 1.5831	* 1.3013	* 1.5473	* 1.2914	* 1.4728	* 1.3009	* 1.8788	
11	* 1.6273	* 1.4176	* 1.6369	* 1.3647	* 1.6261	* 1.5716	* 0.9153	
	* 1.3003	* 1.4934	* 1.2918	* 1.5501	* 1.2917	* 1.3241	* 2.2933	
12	* 1.4347	* 1.6896	* 1.4359	* 1.6259	* 1.6372	* 1.0654		
	* 1.4751	* 1.2511	* 1.4743	* 1.2917	* 1.2639	* 1.9292		
13	* 1.2635	* 1.3693	* 1.6207	* 1.5713	* 1.0650			
	* 1.6701	* 1.5417	* 1.3018	* 1.3243	* 1.9299			
14	* 1.4747	* 1.4553	* 1.1185	* 0.9136				
	* 1.4078	* 1.4328	* 1.8813	* 2.2973				
15	* 0.9157	* 0.8398	* F-SUB-Q					
	* 2.2538	* 2.4642	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5696	* 1.3096	* 1.3117	* 1.5981	* 1.4043	* 1.2364	* 1.4493	* 0.9010
	* 1.3445	* 1.6200	* 1.6159	* 1.3199	* 1.5026	* 1.7107	* 1.4540	* 2.3329
9	* 1.3096	* 1.4155	* 1.5959	* 1.3884	* 1.6627	* 1.3448	* 1.4319	* 0.8374
	* 1.6200	* 1.4968	* 1.3254	* 1.5245	* 1.2666	* 1.5685	* 1.4719	* 2.5132
10	* 1.3117	* 1.5961	* 1.3378	* 1.6089	* 1.4083	* 1.5943	* 1.1053	
	* 1.6159	* 1.3253	* 1.5815	* 1.3117	* 1.4938	* 1.3106	* 1.9069	
11	* 1.5981	* 1.3877	* 1.6084	* 1.3382	* 1.5997	* 1.5477	* 0.9052	
	* 1.3199	* 1.5252	* 1.3121	* 1.5624	* 1.2971	* 1.3316	* 2.2901	
12	* 1.4043	* 1.6607	* 1.4068	* 1.5996	* 1.6150	* 1.0574		
	* 1.5026	* 1.2680	* 1.4954	* 1.2971	* 1.2703	* 1.9310		
13	* 1.2364	* 1.3410	* 1.5933	* 1.5476	* 1.0572			
	* 1.7107	* 1.5728	* 1.3109	* 1.3317	* 1.9314			
14	* 1.4493	* 1.4303	* 1.1038	* 0.9037				
	* 1.4540	* 1.4734	* 1.9094	* 2.2938				
15	* 0.9010	* 0.8293	* F-SUB-Q					
	* 2.3329	* 2.5378	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5610	* 1.2903	* 1.2945	* 1.5864	* 1.3871	* 1.2182	* 1.4424	* 0.8856 *
	* 1.3424	* 1.6301	* 1.6238	* 1.3204	* 1.5105	* 1.7242	* 1.4612	* 2.3802 *
9	* 1.2903	* 1.3968	* 1.5852	* 1.3688	* 1.6523	* 1.3287	* 1.4257	* 0.8198 *
	* 1.6301	* 1.5062	* 1.3255	* 1.5344	* 1.2649	* 1.5737	* 1.4746	* 2.5719 *
10	* 1.2945	* 1.5854	* 1.3197	* 1.5973	* 1.3896	* 1.5857	* 1.0828	*
	* 1.6238	* 1.3253	* 1.5925	* 1.3096	* 1.5016	* 1.3042	* 1.9313	*
11	* 1.5864	* 1.3682	* 1.5969	* 1.3214	* 1.5902	* 1.5428	* 0.8834	*
	* 1.3204	* 1.5351	* 1.3099	* 1.5627	* 1.2933	* 1.3269	* 2.3241	*
12	* 1.3871	* 1.6504	* 1.3881	* 1.5903	* 1.6108	* 1.0346	*	*
	* 1.5105	* 1.2662	* 1.5031	* 1.2932	* 1.2665	* 1.9662	*	*
13	* 1.2182	* 1.3249	* 1.5849	* 1.5429	* 1.0346	*	*	*
	* 1.7242	* 1.5781	* 1.3042	* 1.3268	* 1.9661	*	*	*
14	* 1.4424	* 1.4242	* 1.0814	* 0.8822	*	*	*	*
	* 1.4612	* 1.4761	* 1.9336	* 2.3273	*	*	*	*
15	* 0.8856	* 0.8113	* F-SUB-Q					
	* 2.3802	* 2.5989	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5383	* 1.2663	* 1.2705	* 1.5606	* 1.3613	* 1.1942	* 1.4208	* 0.8706 *
	* 1.3473	* 1.6406	* 1.6359	* 1.3302	* 1.5264	* 1.7443	* 1.4725	* 2.4039 *
9	* 1.2663	* 1.3732	* 1.5601	* 1.3428	* 1.6261	* 1.3048	* 1.4044	* 0.8068 *
	* 1.6406	* 1.5138	* 1.3327	* 1.5488	* 1.2762	* 1.5906	* 1.4859	* 2.5933 *
10	* 1.2705	* 1.5603	* 1.2947	* 1.5711	* 1.3636	* 1.5613	* 1.0652	*
	* 1.6359	* 1.3325	* 1.6109	* 1.3210	* 1.5207	* 1.3201	* 1.9496	*
11	* 1.5606	* 1.3422	* 1.5708	* 1.2972	* 1.5654	* 1.5206	* 0.8690	*
	* 1.3303	* 1.5495	* 1.3212	* 1.5867	* 1.3116	* 1.3454	* 2.3556	*
12	* 1.3613	* 1.6243	* 1.3622	* 1.5656	* 1.5887	* 1.0200	*	*
	* 1.5264	* 1.2776	* 1.5222	* 1.3114	* 1.2851	* 1.9976	*	*
13	* 1.1942	* 1.3012	* 1.5606	* 1.5209	* 1.0202	*	*	*
	* 1.7443	* 1.5950	* 1.3199	* 1.3451	* 1.9972	*	*	*
14	* 1.4208	* 1.4030	* 1.0639	* 0.8679	*	*	*	*
	* 1.4725	* 1.4873	* 1.9518	* 2.3586	*	*	*	*
15	* 0.8706	* 0.7985	* F-SUB-Q					
	* 2.4039	* 2.6204	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5409	* 1.2593	* 1.2631	* 1.5603	* 1.3541	* 1.1859	* 1.4235	* 0.8600 *
	* 1.3189	* 1.6181	* 1.6133	* 1.3037	* 1.5039	* 1.7226	* 1.4403	* 2.3900 *
9	* 1.2593	* 1.3682	* 1.5610	* 1.3333	* 1.6271	* 1.2982	* 1.4078	* 0.7897 *
	* 1.6181	* 1.4894	* 1.3052	* 1.5288	* 1.2495	* 1.5690	* 1.4529	* 2.6005 *
10	* 1.2631	* 1.5612	* 1.2864	* 1.5704	* 1.3545	* 1.5634	* 1.0469	*
	* 1.6133	* 1.3050	* 1.5895	* 1.2948	* 1.5017	* 1.2998	* 1.9482	*
11	* 1.5603	* 1.3328	* 1.5702	* 1.2891	* 1.5660	* 1.5245	* 0.8501	*
	* 1.3037	* 1.5294	* 1.2949	* 1.5741	* 1.2946	* 1.3289	* 2.3915	*
12	* 1.3541	* 1.6255	* 1.3531	* 1.5663	* 1.5928	* 1.0006	*	*
	* 1.5039	* 1.2508	* 1.5032	* 1.2944	* 1.2700	* 2.0241	*	*
13	* 1.1859	* 1.2945	* 1.5628	* 1.5249	* 1.0012	*	*	*
	* 1.7226	* 1.5735	* 1.3002	* 1.3285	* 2.0228	*	*	*
14	* 1.4235	* 1.4064	* 1.0455	* 0.8493	*	*	*	*
	* 1.4403	* 1.4542	* 1.9507	* 2.3936	*	*	*	*
15	* 0.8600	* 0.7823	* F-SUB-Q					
	* 2.3900	* 2.6251	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4952	* 1.2399	* 1.2266	* 1.5090	* 1.3132	* 1.1640	* 1.3741	* 0.8478 *
	* 1.3413	* 1.6206	* 1.6375	* 1.3301	* 1.5302	* 1.7300	* 1.4737	* 2.3919 *
9	* 1.2398	* 1.3462	* 1.5098	* 1.2966	* 1.5727	* 1.2595	* 1.3572	* 0.7927 *
	* 1.6206	* 1.4939	* 1.3309	* 1.5500	* 1.2761	* 1.5962	* 1.4886	* 2.5558 *
10	* 1.2266	* 1.5101	* 1.2486	* 1.5184	* 1.3167	* 1.5092	* 1.0433	*
	* 1.6375	* 1.3306	* 1.6134	* 1.3212	* 1.5239	* 1.3293	* 1.9293	*
11	* 1.5090	* 1.2961	* 1.5183	* 1.2513	* 1.5130	* 1.4699	* 0.8552	*
	* 1.3301	* 1.5506	* 1.3212	* 1.5987	* 1.3214	* 1.3606	* 2.3436	*
12	* 1.3132	* 1.5712	* 1.3154	* 1.5134	* 1.5373	* 1.0079	*	*
	* 1.5302	* 1.2774	* 1.5253	* 1.3212	* 1.2987	* 1.9812	*	*
13	* 1.1640	* 1.2560	* 1.5089	* 1.4705	* 1.0082	*	*	*
	* 1.7300	* 1.6003	* 1.3295	* 1.3600	* 1.9806	*	*	*
14	* 1.3741	* 1.3559	* 1.0422	* 0.8541	*	*	*	*
	* 1.4737	* 1.4899	* 1.9313	* 2.3464	*	*	*	*
15	* 0.8478	* 0.7852	* F-SUB-Q					
	* 2.3919	* 2.5801	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5241	* 1.2348	* 1.2373	* 1.5355	* 1.3266	* 1.1586	* 1.4030	* 0.8440 *
	* 1.3008	* 1.6074	* 1.6041	* 1.2908	* 1.4960	* 1.7182	* 1.4250	* 2.3732 *
9	* 1.2348	* 1.3454	* 1.5376	* 1.3056	* 1.6025	* 1.2725	* 1.3872	* 0.7781 *
	* 1.6074	* 1.4757	* 1.2907	* 1.5206	* 1.2368	* 1.5604	* 1.4379	* 2.5723 *
10	* 1.2373	* 1.5379	* 1.2589	* 1.5447	* 1.3264	* 1.5398	* 1.0289	*
	* 1.6041	* 1.2904	* 1.5809	* 1.2824	* 1.4940	* 1.2868	* 1.9328	*
11	* 1.5355	* 1.3051	* 1.5447	* 1.2622	* 1.5409	* 1.5027	* 0.8362	*
	* 1.2908	* 1.5212	* 1.2824	* 1.5657	* 1.2806	* 1.3144	* 2.3671	*
12	* 1.3266	* 1.6012	* 1.3252	* 1.5414	* 1.5715	* 0.9876	*	*
	* 1.4960	* 1.2378	* 1.4954	* 1.2803	* 1.2547	* 1.9982	*	*
13	* 1.1586	* 1.2689	* 1.5396	* 1.5035	* 0.9884	*	*	*
	* 1.7182	* 1.5648	* 1.2866	* 1.3137	* 1.9965	*	*	*
14	* 1.4030	* 1.3860	* 1.0280	* 0.8354	*	*	*	*
	* 1.4250	* 1.4391	* 1.9346	* 2.3692	*	*	*	*
15	* 0.8440	* 0.7724	* F-SUB-Q					
	* 2.3732	* 2.5911	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5206	* 1.2291	* 1.2311	* 1.5302	* 1.3192	* 1.1510	* 1.3983	* 0.8408 *
	* 1.2937	* 1.6011	* 1.5977	* 1.2849	* 1.4918	* 1.7134	* 1.4174	* 2.3567 *
9	* 1.2291	* 1.3408	* 1.5332	* 1.2986	* 1.5969	* 1.2656	* 1.3822	* 0.7780 *
	* 1.6011	* 1.4681	* 1.2837	* 1.5153	* 1.2316	* 1.5555	* 1.4306	* 2.5449 *
10	* 1.2311	* 1.5336	* 1.2519	* 1.5388	* 1.3190	* 1.5344	* 1.0262	*
	* 1.5977	* 1.2834	* 1.5752	* 1.2769	* 1.4897	* 1.2813	* 1.9202	*
11	* 1.5302	* 1.2980	* 1.5390	* 1.2555	* 1.5360	* 1.4976	* 0.8349	*
	* 1.2849	* 1.5159	* 1.2767	* 1.5603	* 1.2745	* 1.3086	* 2.3501	*
12	* 1.3192	* 1.5957	* 1.3178	* 1.5364	* 1.5673	* 0.9874	*	*
	* 1.4918	* 1.2325	* 1.4909	* 1.2741	* 1.2484	* 1.9813	*	*
13	* 1.1510	* 1.2620	* 1.5343	* 1.4986	* 0.9882	*	*	*
	* 1.7134	* 1.5598	* 1.2808	* 1.3077	* 1.9797	*	*	*
14	* 1.3983	* 1.3811	* 1.0252	* 0.8342	*	*	*	*
	* 1.4174	* 1.4317	* 1.9219	* 2.3520	*	*	*	*
15	* 0.8408	* 0.7714	* F-SUB-Q					
	* 2.3567	* 2.5667	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4986	* 1.2277	* 1.2122	* 1.5035	* 1.2974	* 1.1459	* 1.3724	* 0.8365 *
	* 1.3209	* 1.6135	* 1.6322	* 1.3144	* 1.5245	* 1.7290	* 1.4482	* 2.3759 *
9	* 1.2277	* 1.3380	* 1.5068	* 1.2795	* 1.5683	* 1.2452	* 1.3555	* 0.7832 *
	* 1.6135	* 1.4802	* 1.3127	* 1.5460	* 1.2598	* 1.5883	* 1.4635	* 2.5362 *
10	* 1.2122	* 1.5072	* 1.2324	* 1.5116	* 1.2994	* 1.5058	* 1.0278 *	
	* 1.6322	* 1.3124	* 1.6084	* 1.3062	* 1.5198	* 1.3112	* 1.9258 *	
11	* 1.5035	* 1.2790	* 1.5118	* 1.2359	* 1.5093	* 1.4691	* 0.8416 *	
	* 1.3144	* 1.5466	* 1.3059	* 1.5935	* 1.3033	* 1.3404	* 2.3439 *	
12	* 1.2974	* 1.5672	* 1.2983	* 1.5098	* 1.5387	* 0.9974 *		
	* 1.5245	* 1.2607	* 1.5210	* 1.3029	* 1.2778	* 1.9725 *		
13	* 1.1459	* 1.2418	* 1.5059	* 1.4702	* 0.9980 *			
	* 1.7290	* 1.5926	* 1.3104	* 1.3394	* 1.9713 *			
14	* 1.3724	* 1.3545	* 1.0269	* 0.8408 *				
	* 1.4482	* 1.4647	* 1.9274	* 2.3460 *				
15	* 0.8365	* 0.7755	* F-SUB-Q					
	* 2.3759	* 2.5614	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5331	* 1.2253	* 1.2273	* 1.5352	* 1.3153	* 1.1441	* 1.4072	* 0.8372 *
	* 1.3191	* 1.6514	* 1.6462	* 1.3134	* 1.5339	* 1.7655	* 1.4359	* 2.4141 *
9	* 1.2253	* 1.3415	* 1.5398	* 1.2930	* 1.6035	* 1.2632	* 1.3913	* 0.7728 *
	* 1.6514	* 1.5066	* 1.3105	* 1.5610	* 1.2565	* 1.5958	* 1.4511	* 2.6150 *
10	* 1.2273	* 1.5402	* 1.2477	* 1.5430	* 1.3137	* 1.5423	* 1.0183 *	
	* 1.6462	* 1.3102	* 1.6198	* 1.3050	* 1.5333	* 1.3042	* 1.9806 *	
11	* 1.5352	* 1.2925	* 1.5434	* 1.2519	* 1.5441	* 1.5086	* 0.8275 *	
	* 1.3134	* 1.5617	* 1.3047	* 1.6048	* 1.2992	* 1.3307	* 2.4310 *	
12	* 1.3153	* 1.6025	* 1.3126	* 1.5447	* 1.5799	* 0.9836 *		
	* 1.5339	* 1.2572	* 1.5345	* 1.2987	* 1.2690	* 2.0407 *		
13	* 1.1441	* 1.2597	* 1.5427	* 1.5099	* 0.9848 *			
	* 1.7655	* 1.6004	* 1.3032	* 1.3295	* 2.0381 *			
14	* 1.4072	* 1.3903	* 1.0176	* 0.8270 *				
	* 1.4359	* 1.4521	* 1.9820	* 2.4324 *				
15	* 0.8372	* 0.7656	* F-SUB-Q					
	* 2.4141	* 2.6395	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5495	* 1.2321	* 1.2342	* 1.5494	* 1.3227	* 1.1487	* 1.4226	* 0.8402 *
	* 1.3182	* 1.6521	* 1.6496	* 1.3172	* 1.5404	* 1.7674	* 1.4299	* 2.4003 *
9	* 1.2321	* 1.3514	* 1.5551	* 1.2991	* 1.6189	* 1.2711	* 1.4069	* 0.7714 *
	* 1.6521	* 1.5094	* 1.3129	* 1.5684	* 1.2612	* 1.5994	* 1.4448	* 2.6131 *
10	* 1.2342	* 1.5555	* 1.2546	* 1.5568	* 1.3200	* 1.5583	* 1.0181	*
	* 1.6496	* 1.3125	* 1.6240	* 1.3099	* 1.5419	* 1.3064	* 1.9898	*
11	* 1.5494	* 1.2986	* 1.5573	* 1.2594	* 1.5604	* 1.5263	* 0.8246	*
	* 1.3172	* 1.5689	* 1.3095	* 1.6115	* 1.3033	* 1.3315	* 2.4438	*
12	* 1.3227	* 1.6181	* 1.3190	* 1.5610	* 1.5993	* 0.9840	*	*
	* 1.5404	* 1.2617	* 1.5430	* 1.3028	* 1.2712	* 2.0546	*	*
13	* 1.1487	* 1.2676	* 1.5595	* 1.5279	* 0.9859	*	*	*
	* 1.7674	* 1.6037	* 1.3051	* 1.3302	* 2.0508	*	*	*
14	* 1.4226	* 1.4060	* 1.0172	* 0.8243	*	*	*	*
	* 1.4299	* 1.4456	* 1.9914	* 2.4448	*	*	*	*
15	* 0.8402	* 0.7641	* F-SUB-Q					
	* 2.4003	* 2.6376	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5616	* 1.2374	* 1.2387	* 1.5571	* 1.3270	* 1.1510	* 1.4292	* 0.8453 *
	* 1.3103	* 1.6484	* 1.6463	* 1.3116	* 1.5361	* 1.7631	* 1.4194	* 2.3780 *
9	* 1.2374	* 1.3587	* 1.5637	* 1.3041	* 1.6271	* 1.2751	* 1.4130	* 0.7813 *
	* 1.6484	* 1.5035	* 1.3069	* 1.5640	* 1.2552	* 1.5936	* 1.4350	* 2.5717 *
10	* 1.2387	* 1.5642	* 1.2589	* 1.5644	* 1.3248	* 1.5656	* 1.0276	*
	* 1.6463	* 1.3065	* 1.6204	* 1.3044	* 1.5372	* 1.2994	* 1.9691	*
11	* 1.5571	* 1.3036	* 1.5650	* 1.2632	* 1.5686	* 1.5335	* 0.8351	*
	* 1.3116	* 1.5646	* 1.3039	* 1.6080	* 1.2969	* 1.3250	* 2.4124	*
12	* 1.3270	* 1.6264	* 1.3239	* 1.5693	* 1.6079	* 0.9969	*	*
	* 1.5361	* 1.2555	* 1.5382	* 1.2964	* 1.2647	* 2.0290	*	*
13	* 1.1510	* 1.2716	* 1.5673	* 1.5352	* 0.9984	*	*	*
	* 1.7631	* 1.5978	* 1.2980	* 1.3235	* 2.0260	*	*	*
14	* 1.4292	* 1.4122	* 1.0270	* 0.8348	*	*	*	*
	* 1.4194	* 1.4357	* 1.9700	* 2.4132	*	*	*	*
15	* 0.8453	* 0.7740	* F-SUB-Q					
	* 2.3780	* 2.5957	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5569	* 1.2576	* 1.2375	* 1.5506	* 1.3253	* 1.1655	* 1.4193	* 0.8540
	* 1.3308	* 1.6438	* 1.6687	* 1.3325	* 1.5556	* 1.7625	* 1.4397	* 2.3690
9	* 1.2576	* 1.3781	* 1.5576	* 1.3044	* 1.6189	* 1.2722	* 1.4019	* 0.8013
	* 1.6438	* 1.5013	* 1.3281	* 1.5829	* 1.2753	* 1.6133	* 1.4572	* 2.5242
10	* 1.2375	* 1.5581	* 1.2578	* 1.5576	* 1.3246	* 1.5566	* 1.0476	*
	* 1.6687	* 1.3276	* 1.6423	* 1.3251	* 1.5548	* 1.3197	* 1.9482	*
11	* 1.5506	* 1.3039	* 1.5583	* 1.2620	* 1.5623	* 1.5226	* 0.8573	*
	* 1.3325	* 1.5834	* 1.3245	* 1.6280	* 1.3162	* 1.3475	* 2.3715	*
12	* 1.3253	* 1.6183	* 1.3238	* 1.5630	* 1.5984	* 1.0244	*	*
	* 1.5556	* 1.2755	* 1.5558	* 1.3156	* 1.2855	* 1.9949	*	*
13	* 1.1655	* 1.2700	* 1.5584	* 1.5244	* 1.0255	*	*	*
	* 1.7625	* 1.6173	* 1.3182	* 1.3459	* 1.9929	*	*	*
14	* 1.4193	* 1.4011	* 1.0471	* 0.8570	*	*	*	*
	* 1.4397	* 1.4579	* 1.9491	* 2.3724	*	*	*	*
15	* 0.8540	* 0.7928	* F-SUB-Q					
	* 2.3690	* 2.5508	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6219	* 1.2738	* 1.2755	* 1.6144	* 1.3668	* 1.1819	* 1.4835	* 0.8668
	* 1.2953	* 1.6444	* 1.6415	* 1.2984	* 1.5307	* 1.7614	* 1.3987	* 2.3666
9	* 1.2738	* 1.4039	* 1.6232	* 1.3420	* 1.6881	* 1.3139	* 1.4670	* 0.7972
	* 1.6444	* 1.4938	* 1.2922	* 1.5602	* 1.2414	* 1.5865	* 1.4141	* 2.5727
10	* 1.2755	* 1.6238	* 1.2965	* 1.6218	* 1.3636	* 1.6269	* 1.0506	*
	* 1.6415	* 1.2918	* 1.6152	* 1.2916	* 1.5331	* 1.2831	* 1.9742	*
11	* 1.6144	* 1.3416	* 1.6226	* 1.3022	* 1.6310	* 1.5952	* 0.8511	*
	* 1.2984	* 1.5607	* 1.2909	* 1.6023	* 1.2809	* 1.3073	* 2.4287	*
12	* 1.3668	* 1.6876	* 1.3628	* 1.6318	* 1.6752	* 1.0223	*	*
	* 1.5307	* 1.2415	* 1.5340	* 1.2802	* 1.2464	* 2.0322	*	*
13	* 1.1819	* 1.3104	* 1.6291	* 1.5973	* 1.0244	*	*	*
	* 1.7614	* 1.5907	* 1.2813	* 1.3056	* 2.0281	*	*	*
14	* 1.4835	* 1.4662	* 1.0499	* 0.8508	*	*	*	*
	* 1.3987	* 1.4148	* 1.9755	* 2.4295	*	*	*	*
15	* 0.8668	* 0.7896	* F-SUB-Q					
	* 2.3666	* 2.5975	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6528	* 1.2938	* 1.2961	* 1.6448	* 1.3901	* 1.1997	* 1.5124	* 0.8812
	* 1.2675	* 1.6148	* 1.6110	* 1.2700	* 1.4993	* 1.7275	* 1.3661	* 2.3239
9	* 1.2938	* 1.4291	* 1.6540	* 1.3643	* 1.7206	* 1.3369	* 1.4956	* 0.8110
	* 1.6148	* 1.4637	* 1.2645	* 1.5300	* 1.2129	* 1.5522	* 1.3813	* 2.5242
10	* 1.2961	* 1.6546	* 1.3180	* 1.6526	* 1.3868	* 1.6603	* 1.0679	*
	* 1.6110	* 1.2640	* 1.5846	* 1.2629	* 1.5018	* 1.2515	* 1.9331	*
11	* 1.6448	* 1.3639	* 1.6535	* 1.3249	* 1.6654	* 1.6287	* 0.8649	*
	* 1.2700	* 1.5305	* 1.2621	* 1.5689	* 1.2492	* 1.2747	* 2.3802	*
12	* 1.3901	* 1.7204	* 1.3860	* 1.6663	* 1.7120	* 1.0424	*	*
	* 1.4993	* 1.2129	* 1.5026	* 1.2485	* 1.2145	* 1.9844	*	*
13	* 1.1997	* 1.3333	* 1.6627	* 1.6310	* 1.0446	*	*	*
	* 1.7275	* 1.5563	* 1.2497	* 1.2729	* 1.9802	*	*	*
14	* 1.5124	* 1.4947	* 1.0672	* 0.8648	*	*	*	*
	* 1.3661	* 1.3820	* 1.9343	* 2.3805	*	*	*	*
15	* 0.8812	* 0.8027	* F-SUB-Q					
	* 2.3239	* 2.5503	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6821	* 1.3154	* 1.3171	* 1.6708	* 1.4150	* 1.2186	* 1.5332	* 0.8951
	* 1.2465	* 1.5903	* 1.5872	* 1.2506	* 1.4730	* 1.6993	* 1.3436	* 2.2793
9	* 1.3154	* 1.4535	* 1.6840	* 1.3884	* 1.7485	* 1.3606	* 1.5165	* 0.8400
	* 1.5903	* 1.4407	* 1.2430	* 1.5050	* 1.1933	* 1.5235	* 1.3582	* 2.4281
10	* 1.3171	* 1.6846	* 1.3397	* 1.6791	* 1.4119	* 1.6857	* 1.0880	*
	* 1.5872	* 1.2426	* 1.5607	* 1.2433	* 1.4752	* 1.2309	* 1.8933	*
11	* 1.6708	* 1.3880	* 1.6801	* 1.3471	* 1.6929	* 1.6536	* 0.8802	*
	* 1.2506	* 1.5054	* 1.2426	* 1.5428	* 1.2281	* 1.2533	* 2.3341	*
12	* 1.4150	* 1.7483	* 1.4111	* 1.6938	* 1.7389	* 1.0695	*	*
	* 1.4730	* 1.1932	* 1.4759	* 1.2274	* 1.1942	* 1.9316	*	*
13	* 1.2186	* 1.3569	* 1.6882	* 1.6560	* 1.0713	*	*	*
	* 1.6993	* 1.5275	* 1.2291	* 1.2516	* 1.9283	*	*	*
14	* 1.5332	* 1.5154	* 1.0873	* 0.8803	*	*	*	*
	* 1.3436	* 1.3591	* 1.8944	* 2.3337	*	*	*	*
15	* 0.8951	* 0.8168	* F-SUB-Q					
	* 2.2793	* 2.4972	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 72 of 306

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6919	* 1.3256	* 1.3245	* 1.6779	* 1.4274	* 1.2281	* 1.5268	* 0.8980
	* 1.2411	* 1.5811	* 1.5815	* 1.2479	* 1.4615	* 1.6869	* 1.3464	* 2.2659
9	* 1.3256	* 1.4636	* 1.6887	* 1.4011	* 1.7518	* 1.3714	* 1.5115	* 0.8403
	* 1.5811	* 1.4337	* 1.2425	* 1.4938	* 1.1909	* 1.5109	* 1.3600	* 2.4204
10	* 1.3245	* 1.6899	* 1.3477	* 1.6860	* 1.4254	* 1.6821	* 1.0987	*
	* 1.5815	* 1.2416	* 1.5547	* 1.2401	* 1.4625	* 1.2325	* 1.8721	*
11	* 1.6779	* 1.4007	* 1.6871	* 1.3540	* 1.6914	* 1.6486	* 0.8860	*
	* 1.2479	* 1.4942	* 1.2393	* 1.5362	* 1.2290	* 1.2560	* 2.3154	*
12	* 1.4274	* 1.7495	* 1.4247	* 1.6926	* 1.7323	* 1.0762	*	*
	* 1.4615	* 1.1928	* 1.4632	* 1.2283	* 1.1983	* 1.9176	*	*
13	* 1.2281	* 1.3677	* 1.6845	* 1.6509	* 1.0779	*	*	*
	* 1.6869	* 1.5148	* 1.2308	* 1.2543	* 1.9146	*	*	*
14	* 1.5268	* 1.5103	* 1.0979	* 0.8850	*	*	*	*
	* 1.3464	* 1.3610	* 1.8734	* 2.3180	*	*	*	*
15	* 0.8980	* 0.8217	* F-SUB-Q					
	* 2.2659	* 2.4754	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6457	* 1.3048	* 1.2954	* 1.6310	* 1.4008	* 1.2047	* 1.4785	* 0.8681
	* 1.2719	* 1.6018	* 1.6141	* 1.2830	* 1.4878	* 1.7169	* 1.3856	* 2.3345
9	* 1.3048	* 1.4324	* 1.6389	* 1.3753	* 1.7034	* 1.3449	* 1.4595	* 0.8149
	* 1.6018	* 1.4606	* 1.2773	* 1.5214	* 1.2229	* 1.5377	* 1.4035	* 2.4861
10	* 1.2954	* 1.6400	* 1.3176	* 1.6382	* 1.3992	* 1.6314	* 1.0700	*
	* 1.6141	* 1.2765	* 1.5873	* 1.2753	* 1.4884	* 1.2685	* 1.9167	*
11	* 1.6310	* 1.3750	* 1.6392	* 1.3195	* 1.6363	* 1.5898	* 0.8644	*
	* 1.2830	* 1.5217	* 1.2745	* 1.5745	* 1.2682	* 1.2990	* 2.3663	*
12	* 1.4008	* 1.7006	* 1.3984	* 1.6376	* 1.6686	* 1.0458	*	*
	* 1.4878	* 1.2251	* 1.4892	* 1.2672	* 1.2410	* 1.9686	*	*
13	* 1.2047	* 1.3412	* 1.6323	* 1.5917	* 1.0472	*	*	*
	* 1.7169	* 1.5418	* 1.2677	* 1.2975	* 1.9660	*	*	*
14	* 1.4785	* 1.4581	* 1.0691	* 0.8632	*	*	*	*
	* 1.3856	* 1.4048	* 1.9183	* 2.3697	*	*	*	*
15	* 0.8681	* 0.7990	* F-SUB-Q					
	* 2.3345	* 2.5360	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 475 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4102	* 1.1635	* 1.1367	* 1.3997	* 1.2438	* 1.0606	* 1.2701	* 0.7447 *
	* 1.4736	* 1.7844	* 1.8267	* 1.4856	* 1.6681	* 1.9403	* 1.6026	* 2.7046 *
9	* 1.1635	* 1.2680	* 1.3974	* 1.2138	* 1.4612	* 1.1898	* 1.2553	* 0.7049 *
	* 1.7844	* 1.6384	* 1.4871	* 1.7123	* 1.4196	* 1.7298	* 1.6216	* 2.8568 *
10	* 1.1367	* 1.3984	* 1.1552	* 1.4052	* 1.2336	* 1.3988	* 0.9308 *	
	* 1.8267	* 1.4861	* 1.7978	* 1.4797	* 1.6807	* 1.4712	* 2.1902 *	
11	* 1.3997	* 1.2136	* 1.4059	* 1.1532	* 1.3933	* 1.3600	* 0.7584 *	
	* 1.4856	* 1.7126	* 1.4792	* 1.7981	* 1.4844	* 1.5097	* 2.6819 *	
12	* 1.2438	* 1.4601	* 1.2329	* 1.3943	* 1.4113	* 0.9087 *		
	* 1.6681	* 1.4209	* 1.6816	* 1.4834	* 1.4589	* 2.2532 *		
13	* 1.0606	* 1.1864	* 1.3992	* 1.3613	* 0.9094 *			
	* 1.9403	* 1.7344	* 1.4707	* 1.5082	* 2.2514 *			
14	* 1.2701	* 1.2540	* 0.9301	* 0.7571 *				
	* 1.6026	* 1.6232	* 2.1918	* 2.6864 *				
15	* 0.7447	* 0.6945	* F-SUB-Q					
	* 2.7046	* 2.8995	* M-SUB-Q					

AT 100% POWER, 475 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6933	* 0.6231	* 0.6334	* 0.7232	* 0.6629	* 0.5893	* 0.6101	* 0.3879 *
	* 2.9685	* 3.3019	* 3.2495	* 2.8481	* 3.1019	* 3.4600	* 3.3069	* 5.1514 *
9	* 0.6231	* 0.6670	* 0.7206	* 0.6550	* 0.7229	* 0.6312	* 0.6011	* 0.3636 *
	* 3.3019	* 3.0856	* 2.8576	* 3.1444	* 2.8453	* 3.2316	* 3.3565	* 5.4958 *
10	* 0.6334	* 0.7208	* 0.6430	* 0.7256	* 0.6597	* 0.6825	* 0.4914 *	
	* 3.2495	* 2.8565	* 3.2014	* 2.8390	* 3.1144	* 2.9878	* 4.1136 *	
11	* 0.7232	* 0.6548	* 0.7256	* 0.6415	* 0.7119	* 0.6518	* 0.3936 *	
	* 2.8481	* 3.1450	* 2.8392	* 3.2090	* 2.8789	* 3.1229	* 5.1276 *	
12	* 0.6629	* 0.7219	* 0.6593	* 0.7122	* 0.6751	* 0.4785 *		
	* 3.1019	* 2.8490	* 3.1163	* 2.8776	* 3.0221	* 4.2431 *		
13	* 0.5893	* 0.6295	* 0.6822	* 0.6522	* 0.4786 *			
	* 3.4600	* 3.2398	* 2.9887	* 3.1210	* 4.2421 *			
14	* 0.6101	* 0.6003	* 0.4910	* 0.3929 *				
	* 3.3069	* 3.3607	* 4.1170	* 5.1366 *				
15	* 0.3879	* 0.3622	* F-SUB-Q					
	* 5.1514	* 5.5165	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.6403	* 0.5877	* 0.5402	* 0.6073	* 0.5639	* 0.4766	* 0.3354	* 0.1772
	* 3.0654	* 3.3393	* 3.6210	* 3.2226	* 3.4762	* 4.0984	* 4.3855	* 7.0092
9	* 0.5877	* 0.5639	* 0.5754	* 0.5557	* 0.5939	* 0.5087	* 0.3829	* 0.1879
	* 3.3393	* 3.4749	* 3.2824	* 3.5264	* 3.2990	* 3.8520	* 4.5072	* 7.4561
10	* 0.5402	* 0.5758	* 0.4608	* 0.5569	* 0.5316	* 0.5172	* 0.3731	*
	* 3.6210	* 3.2808	* 3.5746	* 3.4002	* 3.6754	* 3.7774	* 5.1589	*
11	* 0.6073	* 0.5523	* 0.5557	* 0.4922	* 0.5320	* 0.4716	* 0.2923	*
	* 3.2226	* 3.5482	* 3.4021	* 3.8419	* 3.6441	* 4.1200	* 6.6212	*
12	* 0.5639	* 0.5900	* 0.5299	* 0.5313	* 0.4744	* 0.3555	*	*
	* 3.4762	* 3.3202	* 3.6873	* 3.6491	* 4.0632	* 5.3995	*	*
13	* 0.4766	* 0.5059	* 0.5151	* 0.4702	* 0.3539	*	*	*
	* 4.0984	* 3.8736	* 3.7930	* 4.1323	* 5.4239	*	*	*
14	* 0.3354	* 0.3809	* 0.3712	* 0.2908	*	*	*	*
	* 4.3855	* 4.5220	* 5.1830	* 6.6560	*	*	*	*
15	* 0.1772	* 0.1863	* F-SUB-Q					
	* 7.0092	* 7.4994	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.3516	* 1.1779	* 1.0488	* 1.2371	* 1.1517	* 0.9459	* 0.7704	* 0.3757
	* 1.5084	* 1.7306	* 1.9239	* 1.6428	* 1.7682	* 2.0771	* 1.9712	* 3.4862
9	* 1.1779	* 1.1491	* 1.1603	* 1.1041	* 1.2696	* 1.0378	* 0.8781	* 0.3874
	* 1.7306	* 1.7365	* 1.6776	* 1.8420	* 1.6035	* 1.9617	* 2.0183	* 3.7742
10	* 1.0488	* 1.1610	* 0.8862	* 1.1399	* 1.0811	* 1.1446	* 0.7576	*
	* 1.9239	* 1.6766	* 1.8950	* 1.7122	* 1.8756	* 1.7727	* 2.6060	*
11	* 1.2371	* 1.1004	* 1.1374	* 0.9703	* 1.0954	* 1.0526	* 0.5884	*
	* 1.6428	* 1.8484	* 1.7131	* 2.0063	* 1.8368	* 1.9160	* 3.4172	*
12	* 1.1517	* 1.2603	* 1.0776	* 1.0938	* 1.0434	* 0.6829	*	*
	* 1.7682	* 1.6155	* 1.8820	* 1.8396	* 1.9221	* 2.9156	*	*
13	* 0.9459	* 1.0317	* 1.1400	* 1.0496	* 0.6807	*	*	*
	* 2.0771	* 1.9742	* 1.7801	* 1.9216	* 2.9254	*	*	*
14	* 0.7704	* 0.8735	* 0.7535	* 0.5852	*	*	*	*
	* 1.9712	* 2.0249	* 2.6188	* 3.4361	*	*	*	*
15	* 0.3757	* 0.3807	* F-SUB-Q					
	* 3.4862	* 3.8282	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.4290	* 1.3602	* 1.2217	* 1.3506	* 1.3249	* 1.1380	* 0.9721	* 0.4856
	* 1.4877	* 1.5621	* 1.7187	* 1.5717	* 1.6036	* 1.7912	* 1.7483	* 2.9785
9	* 1.3602	* 1.3404	* 1.2528	* 1.2772	* 1.3618	* 1.2151	* 1.0545	* 0.4861
	* 1.5621	* 1.5783	* 1.6574	* 1.6647	* 1.5619	* 1.7265	* 1.7666	* 3.2139
10	* 1.2217	* 1.2552	* 1.0301	* 1.2365	* 1.2519	* 1.2800	* 0.9291	*
	* 1.7187	* 1.6551	* 1.7139	* 1.6327	* 1.6905	* 1.6475	* 2.2097	*
11	* 1.3506	* 1.2678	* 1.2332	* 1.1360	* 1.1875	* 1.2353	* 0.7054	*
	* 1.5717	* 1.6706	* 1.6350	* 1.7879	* 1.7661	* 1.6957	* 2.9654	*
12	* 1.3249	* 1.3498	* 1.2472	* 1.1847	* 1.1982	* 0.7902	*	*
	* 1.6036	* 1.5761	* 1.6971	* 1.7704	* 1.7397	* 2.6135	*	*
13	* 1.1380	* 1.2082	* 1.2750	* 1.2314	* 0.7882	*	*	*
	* 1.7912	* 1.7393	* 1.6543	* 1.7013	* 2.6204	*	*	*
14	* 0.9721	* 1.0487	* 0.9238	* 0.7015	*	*	*	*
	* 1.7483	* 1.7728	* 2.2215	* 2.9823	*	*	*	*
15	* 0.4856	* 0.4804	* F-SUB-Q					
	* 2.9785	* 3.2521	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.6137	* 1.5137	* 1.3645	* 1.5320	* 1.4877	* 1.3033	* 1.2092	* 0.6046
	* 1.3893	* 1.4815	* 1.6241	* 1.4632	* 1.4934	* 1.6560	* 1.5633	* 2.7599
9	* 1.5137	* 1.5039	* 1.4350	* 1.4154	* 1.5529	* 1.3818	* 1.2711	* 0.5832
	* 1.4815	* 1.4843	* 1.5340	* 1.5722	* 1.4434	* 1.5978	* 1.5781	* 3.0313
10	* 1.3645	* 1.4376	* 1.1722	* 1.4205	* 1.4073	* 1.4778	* 1.0550	*
	* 1.6241	* 1.5310	* 1.6627	* 1.5152	* 1.5861	* 1.5053	* 2.0620	*
11	* 1.5320	* 1.4094	* 1.4163	* 1.2547	* 1.3550	* 1.4154	* 0.7689	*
	* 1.4632	* 1.5786	* 1.5177	* 1.7143	* 1.6307	* 1.5548	* 2.8618	*
12	* 1.4877	* 1.5388	* 1.4016	* 1.3514	* 1.3592	* 0.8480	*	*
	* 1.4934	* 1.4567	* 1.5922	* 1.6352	* 1.6134	* 2.5513	*	*
13	* 1.3033	* 1.3714	* 1.4694	* 1.4105	* 0.8462	*	*	*
	* 1.6560	* 1.6117	* 1.5123	* 1.5604	* 2.5568	*	*	*
14	* 1.2092	* 1.2637	* 1.0482	* 0.7641	*	*	*	*
	* 1.5633	* 1.5842	* 2.0746	* 2.8802	*	*	*	*
15	* 0.6046	* 0.5764	* F-SUB-Q					
	* 2.7599	* 3.0776	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	* 1.6971	* 1.5767	* 1.4335	* 1.6265	* 1.5787	* 1.3985	* 1.3985	* 0.7433
	* 1.4087	* 1.5085	* 1.6472	* 1.4582	* 1.4908	* 1.6574	* 1.5425	* 2.7372
9	* 1.5767	* 1.5719	* 1.5220	* 1.4909	* 1.6480	* 1.4714	* 1.4170	* 0.6973
	* 1.5085	* 1.5052	* 1.5459	* 1.5857	* 1.4392	* 1.5968	* 1.5576	* 3.0035
10	* 1.4335	* 1.5251	* 1.3318	* 1.5315	* 1.4904	* 1.5771	* 1.1451	*
	* 1.6472	* 1.5426	* 1.6726	* 1.5126	* 1.5861	* 1.5009	* 2.0315	*
11	* 1.6265	* 1.4841	* 1.5276	* 1.3444	* 1.4406	* 1.5054	* 0.8174	*
	* 1.4582	* 1.5929	* 1.5156	* 1.7130	* 1.6321	* 1.5499	* 2.8586	*
12	* 1.5787	* 1.6319	* 1.4838	* 1.4365	* 1.4422	* 0.8945	*	*
	* 1.4908	* 1.4536	* 1.5931	* 1.6371	* 1.6145	* 2.5552	*	*
13	* 1.3985	* 1.4593	* 1.5674	* 1.4997	* 0.8927	*	*	*
	* 1.6574	* 1.6119	* 1.5087	* 1.5561	* 2.5606	*	*	*
14	* 1.3985	* 1.4084	* 1.1375	* 0.8123	*	*	*	*
	* 1.5425	* 1.5644	* 2.0448	* 2.8771	*	*	*	*
15	* 0.7433	* 0.6878	* F-SUB-Q					
	* 2.7372	* 3.0436	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7561	* 1.6248	* 1.4884	* 1.7001	* 1.6544	* 1.4751	* 1.5538	* 0.8581
	* 1.4201	* 1.5313	* 1.6720	* 1.4580	* 1.4913	* 1.6667	* 1.5420	* 2.7476
9	* 1.6248	* 1.6237	* 1.5880	* 1.5529	* 1.7226	* 1.5443	* 1.5502	* 0.7886
	* 1.5313	* 1.5271	* 1.5666	* 1.5970	* 1.4392	* 1.5947	* 1.5557	* 3.0047
10	* 1.4884	* 1.5915	* 1.4529	* 1.6235	* 1.5584	* 1.6548	* 1.2169	*
	* 1.6720	* 1.5630	* 1.6926	* 1.5191	* 1.5868	* 1.4894	* 2.0175	*
11	* 1.7001	* 1.5453	* 1.6198	* 1.4309	* 1.5088	* 1.5748	* 0.8563	*
	* 1.4580	* 1.6050	* 1.5225	* 1.7192	* 1.6325	* 1.5492	* 2.8510	*
12	* 1.6544	* 1.7051	* 1.5510	* 1.5051	* 1.5076	* 0.9328	*	*
	* 1.4913	* 1.4543	* 1.5947	* 1.6379	* 1.6198	* 2.5742	*	*
13	* 1.4751	* 1.5308	* 1.6439	* 1.5684	* 0.9309	*	*	*
	* 1.6667	* 1.6090	* 1.4981	* 1.5558	* 2.5797	*	*	*
14	* 1.5538	* 1.5428	* 1.2083	* 0.8507	*	*	*	*
	* 1.5420	* 1.5631	* 2.0319	* 2.8703	*	*	*	*
15	* 0.8581	* 0.7786	* F-SUB-Q					
	* 2.7476	* 3.0429	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	* 1.8263	* 1.6858	* 1.5465	* 1.7826	* 1.7346	* 1.5492	* 1.6733	* 0.9211 *
	* 1.4198	* 1.5404	* 1.6814	* 1.4477	* 1.4835	* 1.6592	* 1.5234	* 2.7557 *
9	* 1.6858	* 1.6940	* 1.6630	* 1.6184	* 1.8103	* 1.6211	* 1.6639	* 0.8405 *
	* 1.5404	* 1.5314	* 1.5632	* 1.5982	* 1.4258	* 1.5831	* 1.5344	* 3.0225 *
10	* 1.5465	* 1.6668	* 1.5154	* 1.7150	* 1.6298	* 1.7458	* 1.2715	*
	* 1.6814	* 1.5595	* 1.7148	* 1.5068	* 1.5789	* 1.4645	* 2.0153	*
11	* 1.7826	* 1.6100	* 1.7108	* 1.4982	* 1.5861	* 1.6556	* 0.8817	*
	* 1.4477	* 1.6068	* 1.5105	* 1.7280	* 1.6116	* 1.5327	* 2.8780	*
12	* 1.7346	* 1.7914	* 1.6212	* 1.5820	* 1.5835	* 0.9612	*	*
	* 1.4836	* 1.4413	* 1.5875	* 1.6170	* 1.6037	* 2.6015	*	*
13	* 1.5492	* 1.6058	* 1.7335	* 1.6485	* 0.9594	*	*	*
	* 1.6592	* 1.5982	* 1.4738	* 1.5395	* 2.6065	*	*	*
14	* 1.6733	* 1.6557	* 1.2620	* 0.8753	*	*	*	*
	* 1.5234	* 1.5421	* 2.0303	* 2.8992	*	*	*	*
15	* 0.9211	* 0.8281	* F-SUB-Q					
	* 2.7557	* 3.0673	* 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	* 1.8565	* 1.7141	* 1.5741	* 1.8244	* 1.7791	* 1.5891	* 1.7344	* 0.9550 *
	* 1.4551	* 1.5764	* 1.7184	* 1.4715	* 1.5026	* 1.6837	* 1.5420	* 2.7908 *
9	* 1.7141	* 1.7298	* 1.6955	* 1.6516	* 1.8542	* 1.6641	* 1.7221	* 0.8708 *
	* 1.5764	* 1.5638	* 1.5953	* 1.6278	* 1.4474	* 1.6004	* 1.5519	* 3.0621 *
10	* 1.5741	* 1.6996	* 1.5485	* 1.7590	* 1.6679	* 1.7936	* 1.3072	*
	* 1.7184	* 1.5914	* 1.7540	* 1.5284	* 1.6030	* 1.4804	* 2.0356	*
11	* 1.8244	* 1.6425	* 1.7544	* 1.5365	* 1.6261	* 1.6988	* 0.9015	*
	* 1.4715	* 1.6370	* 1.5325	* 1.7554	* 1.6324	* 1.5517	* 2.9201	*
12	* 1.7791	* 1.8342	* 1.6585	* 1.6216	* 1.6230	* 0.9823	*	*
	* 1.5026	* 1.4636	* 1.6121	* 1.6383	* 1.6241	* 2.6506	*	*
13	* 1.5891	* 1.6474	* 1.7802	* 1.6911	* 0.9805	*	*	*
	* 1.6837	* 1.6165	* 1.4902	* 1.5590	* 2.6555	*	*	*
14	* 1.7344	* 1.7132	* 1.2970	* 0.8946	*	*	*	*
	* 1.5420	* 1.5601	* 2.0516	* 2.9426	*	*	*	*
15	* 0.9550	* 0.8582	* F-SUB-Q					
	* 2.7908	* 3.1069	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	1.9070	1.7538	1.6100	1.8840	1.8344	1.6352	1.8049	0.9800
	1.4803	1.6118	1.7568	1.4896	1.5225	1.7069	1.5382	2.8257
9	1.7538	1.7751	1.7473	1.6929	1.9184	1.7163	1.7921	0.8895
	1.6118	1.5914	1.6181	1.6599	1.4621	1.6196	1.5499	3.1130
10	1.6100	1.7515	1.5705	1.8176	1.7148	1.8614	1.3338	
	1.7568	1.6142	1.7925	1.5435	1.6267	1.4865	2.0798	
11	1.8840	1.6831	1.8125	1.5641	1.6820	1.7594	0.9107	
	1.4896	1.6697	1.5479	1.7985	1.6386	1.5592	3.0030	
12	1.8344	1.8973	1.7045	1.6772	1.6793	0.9969		
	1.5225	1.4787	1.6366	1.6447	1.6326	2.7244		
13	1.6352	1.6984	1.8467	1.7510	0.9951			
	1.7069	1.6367	1.4969	1.5667	2.7289			
14	1.8049	1.7825	1.3226	0.9043				
	1.5382	1.5583	2.0972	3.0238				
15	0.9800	0.8731	F-SUB-Q					
	2.8257	3.1708	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	1.8577	1.7192	1.5811	1.8427	1.8083	1.6123	1.7707	0.9807
	1.5894	1.7187	1.8687	1.5894	1.6122	1.8096	1.6417	2.9506
9	1.7192	1.7419	1.6980	1.6754	1.8725	1.6915	1.7558	0.9021
	1.7187	1.6974	1.7407	1.7516	1.5620	1.7126	1.6570	3.2081
10	1.5811	1.7026	1.5724	1.7780	1.6914	1.8229	1.3422	
	1.8687	1.7360	1.8839	1.6428	1.7218	1.5797	2.1544	
11	1.8427	1.6583	1.7727	1.5690	1.6471	1.7223	0.9263	
	1.5894	1.7698	1.6484	1.8718	1.7493	1.6650	3.0813	
12	1.8083	1.8507	1.6809	1.6421	1.6427	1.0108		
	1.6122	1.5812	1.7326	1.7559	1.7444	2.8129		
13	1.6123	1.6732	1.8096	1.7135	1.0085			
	1.8096	1.7312	1.5911	1.6732	2.8187			
14	1.7707	1.7458	1.3308	0.9188				
	1.6417	1.6664	2.1726	3.1054				
15	0.9807	0.8883	F-SUB-Q					
	2.9506	3.2573	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	1.9107	1.7562	1.6116	1.9033	1.8598	1.6532	1.8405	0.9928
	1.6264	1.7700	1.9289	1.6173	1.6460	1.8497	1.6491	3.0389
9	1.7562	1.7833	1.7542	1.7016	1.9413	1.7415	1.8268	0.9026
	1.7700	1.7406	1.7702	1.8109	1.5833	1.7453	1.6620	3.3414
10	1.6116	1.7586	1.5774	1.8367	1.7325	1.8924	1.3513	
	1.9289	1.7657	1.9552	1.6679	1.7638	1.5990	2.2399	
11	1.9033	1.6908	1.8308	1.5777	1.7059	1.7873	0.9193	
	1.6173	1.8224	1.6738	1.9519	1.7737	1.6864	3.2575	
12	1.8598	1.9186	1.7209	1.6999	1.7030	1.0085		
	1.6460	1.6021	1.7754	1.7805	1.7690	2.9644		
13	1.6532	1.7215	1.8763	1.7778	1.0067			
	1.8497	1.7651	1.6109	1.6949	2.9691			
14	1.8405	1.8161	1.3390	0.9123				
	1.6491	1.6716	2.2595	3.2809				
15	0.9928	0.8858	F-SUB-Q					
	3.0389	3.4039	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	1.8992	1.7451	1.6017	1.9009	1.8596	1.6503	1.8447	0.9925
	1.6210	1.7638	1.9205	1.6191	1.6581	1.8691	1.6795	3.1193
9	1.7451	1.7757	1.7450	1.6950	1.9388	1.7420	1.8302	0.9037
	1.7638	1.7348	1.7635	1.8156	1.5881	1.7695	1.6906	3.4233
10	1.6017	1.7495	1.5708	1.8347	1.7301	1.8945	1.3525	
	1.9205	1.7590	1.9617	1.6771	1.7779	1.6256	2.2793	
11	1.9009	1.6838	1.8285	1.5768	1.7076	1.7897	0.9203	
	1.6191	1.8277	1.6831	1.9512	1.7981	1.7164	3.3349	
12	1.8596	1.9155	1.7179	1.7003	1.7043	1.0100		
	1.6581	1.6073	1.7906	1.8057	1.7991	3.0315		
13	1.6503	1.7210	1.8792	1.7797	1.0082			
	1.8691	1.7910	1.6389	1.7261	3.0371			
14	1.8447	1.8190	1.3399	0.9127				
	1.6795	1.7011	2.3007	3.3627				
15	0.9925	0.8887	F-SUB-Q					
	3.1193	3.4800	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	1.8406	1.6982	1.5596	1.8489	1.8198	1.6146	1.7995	0.9797
	1.6443	1.7817	1.9377	1.6365	1.6672	1.8793	1.6954	3.1095
9	1.6982	1.7297	1.6887	1.6615	1.8838	1.7047	1.7841	0.9014
	1.7817	1.7509	1.7907	1.8209	1.6068	1.7782	1.7081	3.3760
10	1.5596	1.6935	1.5474	1.7854	1.6917	1.8501	1.3414	
	1.9377	1.7858	1.9538	1.6917	1.7862	1.6362	2.2581	
11	1.8489	1.6430	1.7788	1.5589	1.6637	1.7447	0.9192	
	1.6365	1.8412	1.6986	1.9370	1.8105	1.7273	3.2698	
12	1.8198	1.8601	1.6792	1.6571	1.6606	1.0080		
	1.6672	1.6270	1.7994	1.8176	1.8092	2.9704		
13	1.6146	1.6833	1.8344	1.7344	1.0059			
	1.8793	1.8005	1.6501	1.7375	2.9767			
14	1.7995	1.7725	1.3284	0.9106				
	1.6954	1.7192	2.2801	3.3005				
15	0.9797	0.8869	F-SUB-Q					
	3.1095	3.4300	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	1.8608	1.7036	1.5634	1.8737	1.8386	1.6269	1.8368	0.9747
	1.5831	1.7286	1.8795	1.5714	1.6060	1.8123	1.6109	3.0127
9	1.7036	1.7389	1.7125	1.6607	1.9173	1.7250	1.8234	0.8868
	1.7286	1.6941	1.7172	1.7712	1.5361	1.7091	1.6212	3.3077
10	1.5634	1.7171	1.5376	1.8115	1.7044	1.8854	1.3276	
	1.8795	1.7128	1.9088	1.6216	1.7249	1.5625	2.2132	
11	1.8737	1.6486	1.8037	1.5394	1.6938	1.7791	0.8966	
	1.5714	1.7838	1.6284	1.9041	1.7273	1.6450	3.2396	
12	1.8386	1.8929	1.6910	1.6858	1.6912	0.9909		
	1.6060	1.5553	1.7381	1.7352	1.7227	2.9185		
13	1.6269	1.7022	1.8686	1.7682	0.9891			
	1.8123	1.7314	1.5761	1.6549	2.9235			
14	1.8368	1.8112	1.3139	0.8890				
	1.6109	1.6319	2.2358	3.2665				
15	0.9746	0.8692	F-SUB-Q					
	3.0127	3.3726	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	* 1.8403	* 1.6789	* 1.5408	* 1.8575	* 1.8234	* 1.6106	* 1.8305	* 0.9620 *
	* 1.5137	* 1.6581	* 1.8016	* 1.4990	* 1.5323	* 1.7305	* 1.5276	* 2.8793 *
9	* 1.6789	* 1.7170	* 1.6943	* 1.6398	* 1.9040	* 1.7127	* 1.8176	* 0.8737 *
	* 1.6581	* 1.6214	* 1.6402	* 1.6957	* 1.4630	* 1.6282	* 1.5373	* 3.1677 *
10	* 1.5408	* 1.6989	* 1.5178	* 1.7978	* 1.6873	* 1.8777	* 1.3093	*
	* 1.8016	* 1.6359	* 1.8247	* 1.5442	* 1.6473	* 1.4842	* 2.1196	*
11	* 1.8575	* 1.6273	* 1.7898	* 1.5217	* 1.6850	* 1.7719	* 0.8802	*
	* 1.4990	* 1.7082	* 1.5509	* 1.8179	* 1.6433	* 1.5635	* 3.1217	*
12	* 1.8234	* 1.8792	* 1.6734	* 1.6767	* 1.6828	* 0.9760	*	*
	* 1.5323	* 1.4816	* 1.6605	* 1.6511	* 1.6391	* 2.8076	*	*
13	* 1.6106	* 1.6889	* 1.8602	* 1.7605	* 0.9738	*	*	*
	* 1.7305	* 1.6503	* 1.4976	* 1.5732	* 2.8136	*	*	*
14	* 1.8305	* 1.8049	* 1.2952	* 0.8725	*	*	*	*
	* 1.5276	* 1.5477	* 2.1419	* 3.1482	*	*	*	*
15	* 0.9620	* 0.8553	* F-SUB-Q					
	* 2.8793	* 3.2339	* 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	* 1.7988	* 1.6421	* 1.5065	* 1.8217	* 1.7914	* 1.5796	* 1.7989	* 0.9451 *
	* 1.4763	* 1.6156	* 1.7563	* 1.4570	* 1.4860	* 1.6808	* 1.4788	* 2.7871 *
9	* 1.6421	* 1.6814	* 1.6569	* 1.6053	* 1.8673	* 1.6821	* 1.7858	* 0.8610 *
	* 1.6156	* 1.5776	* 1.5985	* 1.6513	* 1.4222	* 1.5800	* 1.4891	* 3.0577 *
10	* 1.5065	* 1.6615	* 1.4851	* 1.7646	* 1.6558	* 1.8467	* 1.2889	*
	* 1.7563	* 1.5943	* 1.7775	* 1.5003	* 1.6009	* 1.4389	* 2.0517	*
11	* 1.8217	* 1.5927	* 1.7563	* 1.4917	* 1.6549	* 1.7408	* 0.8680	*
	* 1.4570	* 1.6639	* 1.5071	* 1.7687	* 1.5969	* 1.5189	* 3.0213	*
12	* 1.7914	* 1.8424	* 1.6416	* 1.6464	* 1.6527	* 0.9631	*	*
	* 1.4860	* 1.4408	* 1.6142	* 1.6047	* 1.5937	* 2.7184	*	*
13	* 1.5796	* 1.6580	* 1.8289	* 1.7292	* 0.9613	*	*	*
	* 1.6808	* 1.6021	* 1.4524	* 1.5286	* 2.7231	*	*	*
14	* 1.7989	* 1.7729	* 1.2746	* 0.8601	*	*	*	*
	* 1.4788	* 1.4995	* 2.0740	* 3.0481	*	*	*	*
15	* 0.9451	* 0.8435	* F-SUB-Q					
	* 2.7871	* 3.1194	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	* 1.7210	* 1.5823	* 1.4525	* 1.7518	* 1.7312	* 1.5261	* 1.7298	* 0.9227 *
	* 1.4835	* 1.6113	* 1.7509	* 1.4560	* 1.4770	* 1.6711	* 1.4760	* 2.7404 *
9	* 1.5823	* 1.6215	* 1.5853	* 1.5546	* 1.7915	* 1.6245	* 1.7152	* 0.8501 *
	* 1.6113	* 1.5719	* 1.6044	* 1.6393	* 1.4249	* 1.5716	* 1.4882	* 2.9732 *
10	* 1.4525	* 1.5901	* 1.4451	* 1.6978	* 1.6004	* 1.7785	* 1.2663	*
	* 1.7509	* 1.6012	* 1.7557	* 1.4989	* 1.5921	* 1.4355	* 2.0064	*
11	* 1.7518	* 1.5370	* 1.6896	* 1.4622	* 1.5916	* 1.6739	* 0.8620	*
	* 1.4560	* 1.6573	* 1.5059	* 1.7353	* 1.5966	* 1.5186	* 2.9263	*
12	* 1.7312	* 1.7664	* 1.5863	* 1.5832	* 1.5892	* 0.9522	*	*
	* 1.4770	* 1.4444	* 1.6057	* 1.6048	* 1.5942	* 2.6459	*	*
13	* 1.5261	* 1.6007	* 1.7607	* 1.6624	* 0.9502	*	*	*
	* 1.6711	* 1.5942	* 1.4494	* 1.5287	* 2.6513	*	*	*
14	* 1.7298	* 1.7022	* 1.2521	* 0.8528	*	*	*	*
	* 1.4760	* 1.4992	* 2.0284	* 2.9567	*	*	*	*
15	* 0.9227	* 0.8358	* F-SUB-Q					
	* 2.7404	* 3.0221	* 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	* 1.7442	* 1.5827	* 1.4510	* 1.7702	* 1.7385	* 1.5263	* 1.7547	* 0.9075 *
	* 1.4112	* 1.5534	* 1.6913	* 1.3917	* 1.4209	* 1.6153	* 1.4063	* 2.6938 *
9	* 1.5827	* 1.6260	* 1.6069	* 1.5487	* 1.8178	* 1.6324	* 1.7423	* 0.8255 *
	* 1.5534	* 1.5121	* 1.5291	* 1.5892	* 1.3567	* 1.5123	* 1.4162	* 2.9608 *
10	* 1.4510	* 1.6114	* 1.4316	* 1.7163	* 1.6027	* 1.8021	* 1.2384	*
	* 1.6913	* 1.5249	* 1.7132	* 1.4337	* 1.5371	* 1.3702	* 1.9843	*
11	* 1.7702	* 1.5357	* 1.7077	* 1.4419	* 1.6129	* 1.6981	* 0.8291	*
	* 1.3917	* 1.6022	* 1.4407	* 1.7018	* 1.5247	* 1.4486	* 2.9446	*
12	* 1.7385	* 1.7926	* 1.5880	* 1.6042	* 1.6108	* 0.9247	*	*
	* 1.4209	* 1.3753	* 1.5509	* 1.5327	* 1.5226	* 2.6384	*	*
13	* 1.5263	* 1.6075	* 1.7835	* 1.6861	* 0.9225	*	*	*
	* 1.6153	* 1.5350	* 1.3840	* 1.4585	* 2.6443	*	*	*
14	* 1.7547	* 1.7289	* 1.2238	* 0.8212	*	*	*	*
	* 1.4063	* 1.4268	* 2.0072	* 2.9719	*	*	*	*
15	* 0.9075	* 0.8072	* F-SUB-Q					
	* 2.6938	* 3.0257	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	* 1.7033	* 1.5447	* 1.4149	* 1.7256	* 1.6971	* 1.4870	* 1.7098	* 0.8804 *
	* 1.3836	* 1.5237	* 1.6610	* 1.3676	* 1.3941	* 1.5886	* 1.3841	* 2.6736 *
9	* 1.5447	* 1.5877	* 1.5681	* 1.5094	* 1.7737	* 1.5922	* 1.6984	* 0.8017 *
	* 1.5237	* 1.4828	* 1.5007	* 1.5620	* 1.3322	* 1.4858	* 1.3931	* 2.9359 *
10	* 1.4149	* 1.5726	* 1.3942	* 1.6725	* 1.5628	* 1.7579	* 1.2038	*
	* 1.6610	* 1.4965	* 1.6858	* 1.4098	* 1.5104	* 1.3464	* 1.9594	*
11	* 1.7256	* 1.4964	* 1.6640	* 1.4047	* 1.5720	* 1.6556	* 0.8047	*
	* 1.3676	* 1.5753	* 1.4169	* 1.6744	* 1.5007	* 1.4259	* 2.9211	*
12	* 1.6971	* 1.7486	* 1.5481	* 1.5633	* 1.5696	* 0.8997	*	*
	* 1.3941	* 1.3509	* 1.5244	* 1.5090	* 1.5007	* 2.6105	*	*
13	* 1.4870	* 1.5673	* 1.7393	* 1.6436	* 0.8976	*	*	*
	* 1.5886	* 1.5089	* 1.3605	* 1.4361	* 2.6166	*	*	*
14	* 1.7098	* 1.6849	* 1.1892	* 0.7969	*	*	*	*
	* 1.3841	* 1.4041	* 1.9832	* 2.9493	*	*	*	*
15	* 0.8804	* 0.7833	* F-SUB-Q					
	* 2.6736	* 3.0030	* 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	* 1.6622	* 1.5033	* 1.3750	* 1.6672	* 1.6429	* 1.4380	* 1.6429	* 0.8458 *
	* 1.3681	* 1.5105	* 1.6497	* 1.3661	* 1.3896	* 1.5861	* 1.3913	* 2.6916 *
9	* 1.5033	* 1.5422	* 1.5290	* 1.4644	* 1.7238	* 1.5380	* 1.6405	* 0.7892 *
	* 1.5105	* 1.4728	* 1.4854	* 1.5542	* 1.3232	* 1.4850	* 1.3929	* 2.8847 *
10	* 1.3750	* 1.5334	* 1.3509	* 1.6138	* 1.5138	* 1.7023	* 1.1628	*
	* 1.6497	* 1.4812	* 1.6798	* 1.4107	* 1.5053	* 1.3421	* 1.9601	*
11	* 1.6672	* 1.4518	* 1.6055	* 1.3589	* 1.5154	* 1.6013	* 0.7773	*
	* 1.3661	* 1.5675	* 1.4178	* 1.6714	* 1.5037	* 1.4240	* 2.9245	*
12	* 1.6429	* 1.6992	* 1.4996	* 1.5079	* 1.5182	* 0.8883	*	*
	* 1.3896	* 1.3420	* 1.5193	* 1.5096	* 1.4990	* 2.5570	*	*
13	* 1.4380	* 1.5138	* 1.6820	* 1.5896	* 0.8861	*	*	*
	* 1.5861	* 1.5083	* 1.3581	* 1.4343	* 2.5633	*	*	*
14	* 1.6429	* 1.6276	* 1.1487	* 0.7696	*	*	*	*
	* 1.3913	* 1.4037	* 1.9840	* 2.9535	*	*	*	*
15	* 0.8458	* 0.7551	* F-SUB-Q					
	* 2.6916	* 3.0133	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	* 1.6048	* 1.4473	* 1.3227	* 1.5838	* 1.5655	* 1.3696	* 1.5543	* 0.7969 *
	* 1.3776	* 1.5253	* 1.6676	* 1.3990	* 1.4177	* 1.6199	* 1.4305	* 2.7836 *
9	* 1.4473	* 1.4804	* 1.4759	* 1.4070	* 1.6554	* 1.4605	* 1.5537	* 0.7424 *
	* 1.5253	* 1.4914	* 1.4962	* 1.5729	* 1.3396	* 1.5208	* 1.4309	* 2.9875 *
10	* 1.3227	* 1.4801	* 1.2962	* 1.5265	* 1.4485	* 1.6240	* 1.1066	*
	* 1.6676	* 1.4919	* 1.7029	* 1.4502	* 1.5296	* 1.3681	* 2.0050	*
11	* 1.5838	* 1.3952	* 1.5188	* 1.3033	* 1.4495	* 1.5236	* 0.7425	*
	* 1.3990	* 1.5861	* 1.4575	* 1.6940	* 1.5276	* 1.4560	* 2.9824	*
12	* 1.5655	* 1.6323	* 1.4353	* 1.4439	* 1.4463	* 0.8475	*	*
	* 1.4177	* 1.3584	* 1.5436	* 1.5335	* 1.5311	* 2.6097	*	*
13	* 1.3696	* 1.4380	* 1.6049	* 1.5126	* 0.8453	*	*	*
	* 1.6199	* 1.5443	* 1.3842	* 1.4665	* 2.6165	*	*	*
14	* 1.5543	* 1.5412	* 1.0931	* 0.7350	*	*	*	*
	* 1.4305	* 1.4424	* 2.0296	* 3.0127	*	*	*	*
15	* 0.7969	* 0.7161	* F-SUB-Q					
	* 2.7836	* 3.0963	* 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	* 1.4956	* 1.3635	* 1.2492	* 1.4832	* 1.4634	* 1.2692	* 1.4049	* 0.7254 *
	* 1.4470	* 1.5847	* 1.7289	* 1.4608	* 1.4842	* 1.7117	* 1.5501	* 2.9997 *
9	* 1.3635	* 1.4058	* 1.3797	* 1.3361	* 1.5478	* 1.3581	* 1.4043	* 0.6796 *
	* 1.5847	* 1.5369	* 1.5667	* 1.6211	* 1.4020	* 1.6008	* 1.5506	* 3.2019 *
10	* 1.2491	* 1.3836	* 1.2285	* 1.4305	* 1.3669	* 1.4968	* 1.0173	*
	* 1.7289	* 1.5624	* 1.7590	* 1.5135	* 1.5864	* 1.4528	* 2.1373	*
11	* 1.4832	* 1.3254	* 1.4244	* 1.2305	* 1.3463	* 1.4038	* 0.6928	*
	* 1.4608	* 1.6341	* 1.5199	* 1.7566	* 1.6102	* 1.5473	* 3.1342	*
12	* 1.4634	* 1.5268	* 1.3550	* 1.3412	* 1.3441	* 0.7980	*	*
	* 1.4842	* 1.4212	* 1.6003	* 1.6162	* 1.6132	* 2.7165	*	*
13	* 1.2692	* 1.3379	* 1.4798	* 1.3938	* 0.7958	*	*	*
	* 1.7117	* 1.6249	* 1.4695	* 1.5583	* 2.7239	*	*	*
14	* 1.4049	* 1.3934	* 1.0053	* 0.6857	*	*	*	*
	* 1.5501	* 1.5627	* 2.1627	* 3.1666	*	*	*	*
15	* 0.7254	* 0.6577	* F-SUB-Q					
	* 2.9997	* 3.3070	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 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	* 1.3366	* 1.1399	* 1.0615	* 1.3145	* 1.2197	* 1.0301	* 1.1384	* 0.5855
	* 1.5931	* 1.8672	* 2.0043	* 1.6218	* 1.7522	* 2.0781	* 1.8849	* 3.6674
9	* 1.1399	* 1.2029	* 1.2410	* 1.1407	* 1.3672	* 1.1321	* 1.1194	* 0.5515
	* 1.8672	* 1.7683	* 1.7138	* 1.8702	* 1.5626	* 1.8913	* 1.9170	* 3.8939
10	* 1.0615	* 1.2417	* 1.0621	* 1.2769	* 1.1573	* 1.2618	* 0.8241	*
	* 2.0043	* 1.7128	* 2.0018	* 1.6695	* 1.8436	* 1.6968	* 2.6013	*
11	* 1.3145	* 1.1301	* 1.2702	* 1.0459	* 1.1714	* 1.1419	* 0.5811	*
	* 1.6218	* 1.8871	* 1.6783	* 2.0356	* 1.8223	* 1.8732	* 3.6867	*
12	* 1.2197	* 1.3476	* 1.1480	* 1.1669	* 1.1179	* 0.6764	*	*
	* 1.7522	* 1.5852	* 1.8585	* 1.8292	* 1.9102	* 3.1608	*	*
13	* 1.0301	* 1.1163	* 1.2492	* 1.1341	* 0.6743	*	*	*
	* 2.0781	* 1.9179	* 1.7140	* 1.8861	* 3.1704	*	*	*
14	* 1.1384	* 1.1103	* 0.8150	* 0.5751	*	*	*	*
	* 1.8849	* 1.9326	* 2.6305	* 3.7251	*	*	*	*
15	* 0.5855	* 0.5406	* F-SUB-Q					
	* 3.6674	* 3.9709	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.5681	* 0.5083	* 0.4977	* 0.5776	* 0.5379	* 0.4686	* 0.4458	* 0.2632
	* 3.7038	* 4.1416	* 4.2291	* 3.6464	* 3.9243	* 4.5183	* 4.7609	* 8.0790
9	* 0.5083	* 0.5277	* 0.5584	* 0.5180	* 0.5721	* 0.4953	* 0.4363	* 0.2453
	* 4.1416	* 3.9859	* 3.7663	* 4.0717	* 3.6914	* 4.2727	* 4.8650	* 8.6689
10	* 0.4977	* 0.5585	* 0.4972	* 0.5587	* 0.5113	* 0.5070	* 0.3695	*
	* 4.2291	* 3.7654	* 4.2293	* 3.7706	* 4.1300	* 4.1754	* 5.7410	*
11	* 0.5776	* 0.5143	* 0.5569	* 0.4804	* 0.5072	* 0.4414	* 0.2621	*
	* 3.6464	* 4.0998	* 3.7830	* 4.3842	* 4.1634	* 4.7946	* 8.0944	*
12	* 0.5379	* 0.5657	* 0.5073	* 0.5053	* 0.4405	* 0.3160	*	*
	* 3.9243	* 3.7331	* 4.1627	* 4.1788	* 4.7978	* 6.6959	*	*
13	* 0.4686	* 0.4893	* 0.5021	* 0.4387	* 0.3149	*	*	*
	* 4.5183	* 4.3254	* 4.2160	* 4.8241	* 6.7194	*	*	*
14	* 0.4458	* 0.4329	* 0.3657	* 0.2595	*	*	*	*
	* 4.7609	* 4.9026	* 5.8005	* 8.1744	*	*	*	*
15	* 0.2632	* 0.2443	* F-SUB-Q					
	* 8.0790	* 8.7033	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.5668	* 0.5177	* 0.4868	* 0.5590	* 0.5180	* 0.4378	* 0.3136	* 0.1690
	* 3.3779	* 3.6958	* 3.9128	* 3.4072	* 3.6816	* 4.2934	* 4.4676	* 7.0593
9	* 0.5177	* 0.4989	* 0.5221	* 0.5034	* 0.5509	* 0.4694	* 0.3629	* 0.1797
	* 3.6958	* 3.7618	* 3.5146	* 3.7837	* 3.4582	* 4.0562	* 4.5957	* 7.5082
10	* 0.4868	* 0.5219	* 0.4065	* 0.5210	* 0.4937	* 0.4910	* 0.3496	
	* 3.9128	* 3.5130	* 3.8966	* 3.5725	* 3.8432	* 3.8665	* 5.3373	
11	* 0.5590	* 0.5019	* 0.5199	* 0.4566	* 0.5079	* 0.4528	* 0.2813	
	* 3.4072	* 3.7948	* 3.5743	* 4.1032	* 3.7111	* 4.1597	* 6.6924	
12	* 0.5180	* 0.5477	* 0.4922	* 0.5073	* 0.4597	* 0.3425		
	* 3.6816	* 3.4779	* 3.8553	* 3.7157	* 4.0789	* 5.4543		
13	* 0.4378	* 0.4670	* 0.4892	* 0.4517	* 0.3411			
	* 4.2934	* 4.0770	* 3.8812	* 4.1704	* 5.4778			
14	* 0.3136	* 0.3612	* 0.3480	* 0.2800				
	* 4.4676	* 4.6095	* 5.3598	* 6.7248				
15	* 0.1690	* 0.1781	* F-SUB-Q					
	* 7.0593	* 7.5555	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.1860	* 1.0298	* 0.9401	* 1.1289	* 1.0488	* 0.8642	* 0.7156	* 0.3565
	* 1.6787	* 1.9332	* 2.0906	* 1.7537	* 1.8908	* 2.2003	* 2.0211	* 3.5278
9	* 1.0298	* 1.0067	* 1.0400	* 1.0040	* 1.1643	* 0.9590	* 0.8269	* 0.3687
	* 1.9332	* 1.8990	* 1.8108	* 1.9728	* 1.7016	* 2.0648	* 2.0614	* 3.8112
10	* 0.9401	* 1.0398	* 0.7801	* 1.0553	* 1.0023	* 1.0730	* 0.7065	
	* 2.0906	* 1.8099	* 2.0738	* 1.8175	* 1.9681	* 1.8392	* 2.7081	
11	* 1.1289	* 1.0008	* 1.0531	* 0.8928	* 1.0360	* 1.0039	* 0.5643	
	* 1.7537	* 1.9792	* 1.8184	* 2.1626	* 1.8887	* 1.9473	* 3.4676	
12	* 1.0488	* 1.1566	* 0.9991	* 1.0346	* 0.9951	* 0.6576		
	* 1.8908	* 1.7132	* 1.9746	* 1.8914	* 1.9612	* 2.9481		
13	* 0.8642	* 0.9537	* 1.0691	* 1.0015	* 0.6555			
	* 2.2003	* 2.0766	* 1.8462	* 1.9523	* 2.9575			
14	* 0.7156	* 0.8231	* 0.7031	* 0.5614				
	* 2.0211	* 2.0675	* 2.7201	* 3.4856				
15	* 0.3565	* 0.3625	* F-SUB-Q					
	* 3.5278	* 3.8648	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2861	1.1929	1.0905	1.2588	1.2209	1.0443	0.9098	0.4645
	1.6155	1.7414	1.8720	1.6435	1.6961	1.8909	1.7693	2.9707
9	1.1929	1.1758	1.1376	1.1688	1.2700	1.1358	1.0062	0.4684
	1.7414	1.7090	1.7507	1.7630	1.6315	1.8058	1.7922	3.1992
10	1.0905	1.1366	0.9201	1.1786	1.1747	1.2281	0.8737	
	1.8720	1.7486	1.8654	1.6935	1.7534	1.6703	2.2763	
11	1.2588	1.1646	1.1756	1.0584	1.1523	1.1994	0.6865	
	1.6435	1.7690	1.6957	1.9040	1.7696	1.6992	2.9667	
12	1.2209	1.2605	1.1705	1.1503	1.1639	0.7759		
	1.6961	1.6441	1.7600	1.7732	1.7420	2.5923		
13	1.0443	1.1286	1.2237	1.1960	0.7740			
	1.8909	1.8167	1.6766	1.7042	2.5988			
14	0.9098	1.0010	0.8692	0.6830				
	1.7693	1.7978	2.2871	2.9823				
15	0.4645	0.4627	F-SUB-Q					
	2.9707	3.2348	M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	1.4687	1.3348	1.2252	1.4497	1.3855	1.2023	1.1317	0.5784
	1.4937	1.6393	1.7608	1.5082	1.5658	1.7376	1.5602	2.7177
9	1.3348	1.3252	1.3121	1.3163	1.4667	1.3032	1.2286	0.5664
	1.6393	1.5994	1.6152	1.6502	1.4868	1.6571	1.5795	2.9739
10	1.2252	1.3109	1.0479	1.3717	1.3324	1.4357	1.0011	
	1.7608	1.6132	1.7567	1.5487	1.6365	1.5045	2.1055	
11	1.4497	1.3110	1.3678	1.1849	1.3349	1.3962	0.7584	
	1.5082	1.6567	1.5513	1.7976	1.6091	1.5331	2.8254	
12	1.3855	1.4554	1.3269	1.3323	1.3411	0.8478		
	1.5658	1.5024	1.6436	1.6128	1.5891	2.4849		
13	1.2023	1.2939	1.4300	1.3919	0.8461			
	1.7376	1.6687	1.5109	1.5381	2.4900			
14	1.1317	1.2221	0.9954	0.7544				
	1.5602	1.5857	2.1170	2.8410				
15	0.5784	0.5605	F-SUB-Q					
	2.7177	3.0179	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5543	1.3992	1.3006	1.5531	1.4780	1.3020	1.3440	0.7202
	1.5052	1.6583	1.7729	1.4934	1.5543	1.7292	1.5270	2.6673
9	1.3992	1.3985	1.4107	1.3981	1.5777	1.4009	1.3847	0.6829
	1.6583	1.6103	1.6147	1.6538	1.4649	1.6388	1.5364	2.9152
10	1.3006	1.4096	1.2127	1.4897	1.4229	1.5481	1.0991	
	1.7729	1.6126	1.7664	1.5341	1.6263	1.4860	2.0569	
11	1.5531	1.3920	1.4852	1.2741	1.4369	1.5029	0.8166	
	1.4934	1.6611	1.5369	1.7931	1.5909	1.5108	2.7897	
12	1.4780	1.5589	1.4169	1.4339	1.4398		0.9062	
	1.5543	1.4833	1.6331	1.5949	1.5712		2.4565	
13	1.3020	1.3903	1.5407	1.4978			0.9045	
	1.7292	1.6513	1.4930	1.5162			2.4613	
14	1.3440	1.3776	1.0927	0.8115				
	1.5270	1.5430	2.0687	2.8077				
15	0.7202	0.6742	F-SUB-Q					
	2.6673	2.9513	M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	1.6176	1.4549	1.3640	1.6361	1.5612	1.3871	1.5251	0.8537
	1.5154	1.6808	1.7886	1.4862	1.5493	1.7319	1.5181	2.6612
9	1.4549	1.4852	1.4914	1.4681	1.6689	1.4839	1.5376	0.7902
	1.6808	1.6289	1.6279	1.6571	1.4526	1.6254	1.5190	2.8967
10	1.3640	1.4907	1.3387	1.5873	1.5003	1.6420	1.1812	
	1.7886	1.6258	1.7829	1.5266	1.6173	1.4699	2.0325	
11	1.6361	1.4611	1.5822	1.3538	1.5199	1.5879	0.8646	
	1.4862	1.6656	1.5316	1.7924	1.5861	1.5033	2.7679	
12	1.5612	1.6474	1.4934	1.5165	1.5196		0.9551	
	1.5493	1.4719	1.6248	1.5904	1.5706		2.4624	
13	1.3871	1.4721	1.6335	1.5822			0.9533	
	1.7319	1.6386	1.4777	1.5090			2.4673	
14	1.5251	1.5304	1.1739	0.8590				
	1.5181	1.5260	2.0452	2.7866				
15	0.8537	0.7798	F-SUB-Q					
	2.6612	2.9349	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.6920	* 1.5176	* 1.4283	* 1.7290	* 1.6482	* 1.4686	* 1.6717	* 0.9348 *
	* 1.5103	* 1.6871	* 1.7903	* 1.4680	* 1.5361	* 1.7194	* 1.4918	* 2.6550 *
9	* 1.5176	* 1.5677	* 1.5781	* 1.5407	* 1.7695	* 1.5710	* 1.6794	* 0.8569 *
	* 1.6871	* 1.6291	* 1.6193	* 1.6510	* 1.4307	* 1.6051	* 1.4852	* 2.9009 *
10	* 1.4283	* 1.5801	* 1.4281	* 1.6872	* 1.5796	* 1.7461	* 1.2459	*
	* 1.7903	* 1.6172	* 1.7805	* 1.5054	* 1.6016	* 1.4362	* 2.0197	*
11	* 1.7290	* 1.5325	* 1.6815	* 1.4293	* 1.6113	* 1.6833	* 0.8981	*
	* 1.4680	* 1.6604	* 1.5106	* 1.7788	* 1.5601	* 1.4788	* 2.7770	*
12	* 1.6482	* 1.7459	* 1.5719	* 1.6075	* 1.6089	* 0.9929	*	*
	* 1.5361	* 1.4505	* 1.6097	* 1.5645	* 1.5469	* 2.4729	*	*
13	* 1.4686	* 1.5577	* 1.7364	* 1.6769	* 0.9913	*	*	*
	* 1.7194	* 1.6192	* 1.4445	* 1.4848	* 2.4772	*	*	*
14	* 1.6717	* 1.6713	* 1.2379	* 0.8921	*	*	*	*
	* 1.4918	* 1.4926	* 2.0328	* 2.7962	*	*	*	*
15	* 0.9348	* 0.8449	* F-SUB-Q					
	* 2.6550	* 2.9415	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7271	* 1.5494	* 1.4633	* 1.7800	* 1.7001	* 1.5161	* 1.7514	* 0.9813 *
	* 1.5443	* 1.7229	* 1.8215	* 1.4876	* 1.5516	* 1.7405	* 1.5021	* 2.6738 *
9	* 1.5494	* 1.6094	* 1.6224	* 1.5819	* 1.8266	* 1.6239	* 1.7597	* 0.8988 *
	* 1.7229	* 1.6594	* 1.6428	* 1.6761	* 1.4446	* 1.6170	* 1.4918	* 2.9220 *
10	* 1.4633	* 1.6237	* 1.4721	* 1.7417	* 1.6263	* 1.8080	* 1.2916	*
	* 1.8215	* 1.6441	* 1.8098	* 1.5176	* 1.6215	* 1.4461	* 2.0313	*
11	* 1.7800	* 1.5728	* 1.7357	* 1.4731	* 1.6634	* 1.7407	* 0.9260	*
	* 1.4876	* 1.6861	* 1.5221	* 1.7967	* 1.5726	* 1.4908	* 2.8036	*
12	* 1.7001	* 1.8013	* 1.6179	* 1.6593	* 1.6610	* 1.0231	*	*
	* 1.5516	* 1.4654	* 1.6301	* 1.5772	* 1.5611	* 2.5078	*	*
13	* 1.5161	* 1.6094	* 1.7974	* 1.7337	* 1.0213	*	*	*
	* 1.7405	* 1.6318	* 1.4548	* 1.4969	* 2.5120	*	*	*
14	* 1.7514	* 1.7507	* 1.2829	* 0.9195	*	*	*	*
	* 1.5021	* 1.4997	* 2.0452	* 2.8235	*	*	*	*
15	* 0.9813	* 0.8871	* F-SUB-Q					
	* 2.6738	* 2.9600	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7802	1.5891	1.5029	1.8474	1.7595	1.5664	1.8371	1.0152
	1.5686	1.7608	1.8589	1.5022	1.5709	1.7631	1.4932	2.6998
9	1.5891	1.6566	1.6818	1.6285	1.8998	1.6833	1.8487	0.9254
	1.7608	1.6875	1.6582	1.7069	1.4557	1.6341	1.4813	2.9626
10	1.5029	1.6797	1.5160	1.8098	1.6791	1.8855	1.3252	
	1.8589	1.6610	1.8372	1.5295	1.6421	1.4474	2.0714	
11	1.8474	1.6186	1.8040	1.5195	1.7305	1.8121	0.9408	
	1.5022	1.7167	1.5342	1.8235	1.5767	1.4962	2.8776	
12	1.7595	1.8728	1.6698	1.7260	1.7275	1.0442		
	1.5709	1.4771	1.6514	1.5814	1.5681	2.5733		
13	1.5664	1.6675	1.8738	1.8045	1.0426			
	1.7631	1.6498	1.4566	1.5025	2.5771			
14	1.8371	1.8387	1.3156	0.9349				
	1.4932	1.4894	2.0865	2.8956				
15	1.0152	0.9093	F-SUB-Q					
	2.6998	3.0144	M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	1.7354	1.5615	1.4871	1.8107	1.7410	1.5516	1.8122	1.0235
	1.6850	1.8758	1.9694	1.6044	1.6629	1.8680	1.5910	2.8107
9	1.5615	1.6299	1.6469	1.6078	1.8673	1.6665	1.8224	0.9455
	1.8758	1.7982	1.7748	1.8088	1.5497	1.7264	1.5803	3.0439
10	1.4871	1.6452	1.4993	1.7775	1.6613	1.8574	1.3424	
	1.9694	1.7773	1.9444	1.6276	1.7371	1.5386	2.1409	
11	1.8107	1.5979	1.7703	1.5096	1.7014	1.7853	0.9637	
	1.6044	1.8186	1.6328	1.9139	1.6820	1.5946	2.9448	
12	1.7410	1.8396	1.6517	1.6968	1.7002	1.0659		
	1.6629	1.5733	1.7472	1.6866	1.6733	2.6519		
13	1.5516	1.6502	1.8454	1.7774	1.0637			
	1.8680	1.7434	1.5486	1.6016	2.6570			
14	1.8122	1.8122	1.3325	0.9564				
	1.5910	1.5891	2.1565	2.9665				
15	1.0235	0.9317	F-SUB-Q					
	2.8107	3.0884	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7893	1.5956	1.5132	1.8779	1.7942	1.5934	1.8952	1.0415
	1.7222	1.9339	2.0365	1.6314	1.7003	1.9131	1.5970	2.8971
9	1.5956	1.6706	1.7057	1.6476	1.9400	1.7207	1.9102	0.9511
	1.9339	1.8453	1.8015	1.8607	1.5719	1.7613	1.5809	3.1721
10	1.5132	1.7024	1.5313	1.8451	1.7075	1.9363	1.3559	
	2.0365	1.8049	2.0043	1.6522	1.7831	1.5566	2.2280	
11	1.8779	1.6373	1.8382	1.5416	1.7696	1.8594	0.9602	
	1.6314	1.8704	1.6576	1.9789	1.7078	1.6175	3.1165	
12	1.7942	1.9107	1.6970	1.7645	1.7684	1.0681		
	1.7003	1.5961	1.7938	1.7125	1.6999	2.7975		
13	1.5934	1.7030	1.9231	1.8508	1.0664			
	1.9131	1.7794	1.5670	1.6247	2.8014			
14	1.8952	1.8990	1.3452	0.9536				
	1.5970	1.5901	2.2451	3.1367				
15	1.0415	0.9348	F-SUB-Q					
	2.8971	3.2264	M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	1.7798	1.5868	1.5076	1.8791	1.7977	1.5946	1.9080	1.0464
	1.7308	1.9403	2.0401	1.6383	1.7151	1.9344	1.6260	2.9621
9	1.5868	1.6652	1.7043	1.6450	1.9444	1.7262	1.9243	0.9572
	1.9403	1.8505	1.8071	1.8707	1.5851	1.7856	1.6090	3.2355
10	1.5076	1.7008	1.5279	1.8483	1.7094	1.9464	1.3627	
	2.0401	1.8109	2.0162	1.6638	1.7991	1.5823	2.2630	
11	1.8791	1.6347	1.8417	1.5419	1.7761	1.8694	0.9658	
	1.6383	1.8822	1.6697	1.9920	1.7283	1.6433	3.1777	
12	1.7977	1.9141	1.6984	1.7707	1.7765	1.0745		
	1.7151	1.6100	1.8108	1.7336	1.7257	2.8489		
13	1.5946	1.7077	1.9325	1.8603	1.0728			
	1.9344	1.8049	1.5937	1.6514	2.8536			
14	1.9080	1.9125	1.3518	0.9587				
	1.6260	1.6190	2.2813	3.2012				
15	1.0464	0.9426	F-SUB-Q					
	2.9621	3.2851	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7243	1.5456	1.4757	1.8297	1.7630	1.5646	1.8686	1.0383
	1.7546	1.9562	2.0472	1.6540	1.7211	1.9399	1.6349	2.9381
9	1.5456	1.6238	1.6576	1.6092	1.8982	1.6943	1.8837	0.9601
	1.9562	1.8643	1.8244	1.8790	1.5973	1.7896	1.6193	3.1757
10	1.4757	1.6540	1.4967	1.8033	1.6764	1.9059	1.3579	
	2.0472	1.8284	2.0174	1.6754	1.8019	1.5892	2.2333	
11	1.8297	1.5990	1.7958	1.5144	1.7360	1.8308	0.9694	
	1.6540	1.8899	1.6816	1.9885	1.7348	1.6469	3.1019	
12	1.7629	1.8675	1.6652	1.7305	1.7385	1.0781		
	1.7211	1.6232	1.8140	1.7403	1.7280	2.7778		
13	1.5646	1.6755	1.8916	1.8215	1.0759			
	1.9399	1.8095	1.6010	1.6553	2.7836			
14	1.8686	1.8716	1.3466	0.9613				
	1.6349	1.6298	2.2519	3.1280				
15	1.0383	0.9451	F-SUB-Q					
	2.9381	3.2256	M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	1.7431	1.5497	1.4762	1.8604	1.7834	1.5777	1.9177	1.0376
	1.6876	1.8964	1.9871	1.5839	1.6571	1.8708	1.5476	2.8443
9	1.5497	1.6331	1.6834	1.6185	1.9340	1.7183	1.9374	0.9484
	1.8964	1.8019	1.7456	1.8174	1.5269	1.7185	1.5305	3.1089
10	1.4762	1.6794	1.5007	1.8357	1.6911	1.9506	1.3476	
	1.9871	1.7497	1.9553	1.6012	1.7390	1.5134	2.1865	
11	1.8604	1.6080	1.8284	1.5225	1.7717	1.8730	0.9490	
	1.5839	1.8282	1.6073	1.9227	1.6532	1.5665	3.0702	
12	1.7834	1.9018	1.6790	1.7658	1.7756	1.0632		
	1.6571	1.5520	1.7511	1.6585	1.6433	2.7283		
13	1.5777	1.6981	1.9352	1.8630	1.0615			
	1.8708	1.7384	1.5251	1.5746	2.7324			
14	1.9177	1.9244	1.3356	0.9418				
	1.5476	1.5407	2.2057	3.0931				
15	1.0376	0.9310	F-SUB-Q					
	2.8443	3.1659	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.7212	* 1.5268	* 1.4563	* 1.8471	* 1.7705	* 1.5636	* 1.9185	* 1.0281
	* 1.6186	* 1.8223	* 1.9068	* 1.5114	* 1.5823	* 1.7881	* 1.4667	* 2.7141
9	* 1.5268	* 1.6130	* 1.6697	* 1.6002	* 1.9237	* 1.7090	* 1.9401	* 0.9382
	* 1.8223	* 1.7268	* 1.6654	* 1.7411	* 1.4552	* 1.6379	* 1.4493	* 2.9719
10	* 1.4563	* 1.6654	* 1.4827	* 1.8252	* 1.6763	* 1.9480	* 1.3329	*
	* 1.9068	* 1.6696	* 1.8718	* 1.5259	* 1.6632	* 1.4370	* 2.0937	*
11	* 1.8471	* 1.5895	* 1.8177	* 1.5081	* 1.7654	* 1.8708	* 0.9350	*
	* 1.5114	* 1.7520	* 1.5320	* 1.8392	* 1.5745	* 1.4889	* 2.9557	*
12	* 1.7705	* 1.8905	* 1.6637	* 1.7590	* 1.7713	* 1.0504	*	*
	* 1.5823	* 1.4798	* 1.6753	* 1.5801	* 1.5647	* 2.6242	*	*
13	* 1.5636	* 1.6880	* 1.9319	* 1.8604	* 1.0483	*	*	*
	* 1.7881	* 1.6576	* 1.4485	* 1.4969	* 2.6290	*	*	*
14	* 1.9185	* 1.9264	* 1.3206	* 0.9277	*	*	*	*
	* 1.4667	* 1.4592	* 2.1126	* 2.9780	*	*	*	*
15	* 1.0281	* 0.9200	* F-SUB-Q					
	* 2.7141	* 3.0295	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.6814	* 1.4924	* 1.4239	* 1.8107	* 1.7395	* 1.5342	* 1.8877	* 1.0118
	* 1.5838	* 1.7819	* 1.8643	* 1.4736	* 1.5385	* 1.7403	* 1.4210	* 2.6281
9	* 1.4924	* 1.5784	* 1.6349	* 1.5670	* 1.8890	* 1.6795	* 1.9087	* 0.9260
	* 1.7819	* 1.6862	* 1.6256	* 1.6994	* 1.4162	* 1.5925	* 1.4047	* 2.8701
10	* 1.4239	* 1.6306	* 1.4508	* 1.7912	* 1.6456	* 1.9168	* 1.3142	*
	* 1.8643	* 1.6299	* 1.8287	* 1.4867	* 1.6202	* 1.3960	* 2.0283	*
11	* 1.8107	* 1.5565	* 1.7836	* 1.4788	* 1.7350	* 1.8404	* 0.9233	*
	* 1.4736	* 1.7104	* 1.4929	* 1.7941	* 1.5332	* 1.4482	* 2.8641	*
12	* 1.7395	* 1.8556	* 1.6328	* 1.7284	* 1.7414	* 1.0381	*	*
	* 1.5385	* 1.4407	* 1.6324	* 1.5389	* 1.5239	* 2.5437	*	*
13	* 1.5342	* 1.6582	* 1.9004	* 1.8297	* 1.0364	*	*	*
	* 1.7403	* 1.6123	* 1.4075	* 1.4563	* 2.5477	*	*	*
14	* 1.8877	* 1.8948	* 1.3016	* 0.9158	*	*	*	*
	* 1.4210	* 1.4147	* 2.0473	* 2.8867	*	*	*	*
15	* 1.0118	* 0.9089	* F-SUB-Q					
	* 2.6281	* 2.9228	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.6082	* 1.4365	* 1.3751	* 1.7370	* 1.6801	* 1.4827	* 1.8138	* 0.9885 *
	* 1.5956	* 1.7842	* 1.8619	* 1.4801	* 1.5344	* 1.7345	* 1.4223	* 2.5878 *
9	* 1.4365	* 1.5200	* 1.5665	* 1.5125	* 1.8139	* 1.6217	* 1.8315	* 0.9159 *
	* 1.7842	* 1.6873	* 1.6353	* 1.6975	* 1.4207	* 1.5886	* 1.4081	* 2.7918 *
10	* 1.3751	* 1.5623	* 1.4040	* 1.7198	* 1.5904	* 1.8434	* 1.2925	*
	* 1.8619	* 1.6397	* 1.8224	* 1.4925	* 1.6159	* 1.3983	* 1.9863	*
11	* 1.7370	* 1.5017	* 1.7122	* 1.4328	* 1.6675	* 1.7707	* 0.9175	*
	* 1.4801	* 1.7089	* 1.4989	* 1.7872	* 1.5381	* 1.4508	* 2.7792	*
12	* 1.6801	* 1.7810	* 1.5777	* 1.6608	* 1.6750	* 1.0275	*	*
	* 1.5344	* 1.4462	* 1.6285	* 1.5442	* 1.5280	* 2.4796	*	*
13	* 1.4827	* 1.6007	* 1.8271	* 1.7601	* 1.0252	*	*	*
	* 1.7345	* 1.6088	* 1.4102	* 1.4592	* 2.4848	*	*	*
14	* 1.8138	* 1.8177	* 1.2800	* 0.9088	*	*	*	*
	* 1.4223	* 1.4185	* 2.0050	* 2.8050	*	*	*	*
15	* 0.9885	* 0.9004	* F-SUB-Q					
	* 2.5878	* 2.8387	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.6196	* 1.4317	* 1.3660	* 1.7533	* 1.6825	* 1.4779	* 1.8398	* 0.9709 *
	* 1.5304	* 1.7291	* 1.8099	* 1.4162	* 1.4801	* 1.6818	* 1.3547	* 2.5520 *
9	* 1.4317	* 1.5192	* 1.5809	* 1.5066	* 1.8321	* 1.6256	* 1.8613	* 0.8872 *
	* 1.7291	* 1.6305	* 1.5665	* 1.6466	* 1.3590	* 1.5320	* 1.3387	* 2.7922 *
10	* 1.3660	* 1.5763	* 1.3932	* 1.7368	* 1.5873	* 1.8667	* 1.2612	*
	* 1.8099	* 1.5710	* 1.7749	* 1.4288	* 1.5652	* 1.3351	* 1.9691	*
11	* 1.7533	* 1.4958	* 1.7289	* 1.4242	* 1.6869	* 1.7919	* 0.8808	*
	* 1.4162	* 1.6582	* 1.4352	* 1.7377	* 1.4720	* 1.3874	* 2.8078	*
12	* 1.6825	* 1.7981	* 1.5742	* 1.6793	* 1.6932	* 0.9946	*	*
	* 1.4801	* 1.3841	* 1.5780	* 1.4783	* 1.4645	* 2.4851	*	*
13	* 1.4779	* 1.6036	* 1.8496	* 1.7808	* 0.9926	*	*	*
	* 1.6818	* 1.5526	* 1.3471	* 1.3959	* 2.4902	*	*	*
14	* 1.8398	* 1.8466	* 1.2483	* 0.8734	*	*	*	*
	* 1.3547	* 1.3492	* 1.9891	* 2.8315	*	*	*	*
15	* 0.9709	* 0.8692	* F-SUB-Q					
	* 2.5520	* 2.8490	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.5731	* 1.3910	* 1.3254	* 1.7022	* 1.6357	* 1.4341	* 1.7869	* 0.9391 *
	* 1.5110	* 1.7067	* 1.7893	* 1.3988	* 1.4597	* 1.6623	* 1.3374	* 2.5334 *
9	* 1.3910	* 1.4768	* 1.5344	* 1.4622	* 1.7791	* 1.5795	* 1.8072	* 0.8589 *
	* 1.7067	* 1.6085	* 1.5484	* 1.6275	* 1.3421	* 1.5121	* 1.3220	* 2.7695 *
10	* 1.3254	* 1.5298	* 1.3510	* 1.6856	* 1.5414	* 1.8142	* 1.2223	*
	* 1.7893	* 1.5530	* 1.7560	* 1.4120	* 1.5460	* 1.3173	* 1.9497	*
11	* 1.7022	* 1.4513	* 1.6778	* 1.3816	* 1.6376	* 1.7413	* 0.8521	*
	* 1.3988	* 1.6393	* 1.4185	* 1.7186	* 1.4552	* 1.3697	* 2.7880	*
12	* 1.6357	* 1.7452	* 1.5283	* 1.6296	* 1.6437	* 0.9643	*	*
	* 1.4597	* 1.3677	* 1.5590	* 1.4616	* 1.4479	* 2.4621	*	*
13	* 1.4341	* 1.5576	* 1.7972	* 1.7303	* 0.9623	*	*	*
	* 1.6623	* 1.5330	* 1.3296	* 1.3783	* 2.4672	*	*	*
14	* 1.7869	* 1.7923	* 1.2094	* 0.8447	*	*	*	*
	* 1.3374	* 1.3329	* 1.9702	* 2.8122	*	*	*	*
15	* 0.9391	* 0.8408	* F-SUB-Q					
	* 2.5334	* 2.8284	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.5168	* 1.3453	* 1.2780	* 1.6328	* 1.5730	* 1.3789	* 1.7007	* 0.8956 *
	* 1.5145	* 1.7054	* 1.7941	* 1.4092	* 1.4666	* 1.6714	* 1.3581	* 2.5712 *
9	* 1.3453	* 1.4248	* 1.4814	* 1.4085	* 1.7060	* 1.5154	* 1.7151	* 0.8377 *
	* 1.7054	* 1.6113	* 1.5504	* 1.6333	* 1.3525	* 1.5231	* 1.3463	* 2.7484 *
10	* 1.2780	* 1.4770	* 1.3004	* 1.6144	* 1.4825	* 1.7310	* 1.1729	*
	* 1.7941	* 1.5550	* 1.7639	* 1.4250	* 1.5536	* 1.3341	* 1.9649	*
11	* 1.6328	* 1.3977	* 1.6069	* 1.3278	* 1.5641	* 1.6711	* 0.8168	*
	* 1.4092	* 1.6455	* 1.4316	* 1.7290	* 1.4726	* 1.3797	* 2.8150	*
12	* 1.5730	* 1.6781	* 1.4699	* 1.5563	* 1.5774	* 0.9419	*	*
	* 1.4666	* 1.3758	* 1.5667	* 1.4799	* 1.4591	* 2.4396	*	*
13	* 1.3789	* 1.4942	* 1.7146	* 1.6604	* 0.9399	*	*	*
	* 1.6714	* 1.5445	* 1.3468	* 1.3885	* 2.4448	*	*	*
14	* 1.7007	* 1.7003	* 1.1605	* 0.8096	*	*	*	*
	* 1.3581	* 1.3579	* 1.9858	* 2.8400	*	*	*	*
15	* 0.8956	* 0.8042	* F-SUB-Q					
	* 2.5712	* 2.8627	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.4414	* 1.2856	* 1.2171	* 1.5322	* 1.4841	* 1.3030	* 1.5733	* 0.8335 *
	* 1.5519	* 1.7378	* 1.8352	* 1.4623	* 1.5133	* 1.7230	* 1.4297	* 2.6940 *
9	* 1.2856	* 1.3542	* 1.4107	* 1.3386	* 1.6015	* 1.4245	* 1.5778	* 0.7785 *
	* 1.7378	* 1.6506	* 1.5855	* 1.6735	* 1.4024	* 1.5774	* 1.4256	* 2.8837 *
10	* 1.2171	* 1.4068	* 1.2360	* 1.5108	* 1.4038	* 1.6150	* 1.1052	*
	* 1.8352	* 1.5900	* 1.8078	* 1.4829	* 1.5975	* 1.3921	* 2.0320	*
11	* 1.5322	* 1.3285	* 1.5038	* 1.2567	* 1.4590	* 1.5697	* 0.7708	*
	* 1.4623	* 1.6859	* 1.4896	* 1.7797	* 1.5374	* 1.4302	* 2.9085	*
12	* 1.4841	* 1.5845	* 1.3922	* 1.4518	* 1.4847	* 0.8867	*	*
	* 1.5133	* 1.4187	* 1.6107	* 1.5449	* 1.5102	* 2.5256	*	*
13	* 1.3030	* 1.4050	* 1.5981	* 1.5597	* 0.8847	*	*	*
	* 1.7230	* 1.5991	* 1.4067	* 1.4394	* 2.5313	*	*	*
14	* 1.5733	* 1.5668	* 1.0935	* 0.7637	*	*	*	*
	* 1.4297	* 1.4357	* 2.0537	* 2.9355	*	*	*	*
15	* 0.8335	* 0.7532	* F-SUB-Q					
	* 2.6940	* 2.9805	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.3302	* 1.2034	* 1.1403	* 1.4142	* 1.3699	* 1.1956	* 1.3998	* 0.7462 *
	* 1.6490	* 1.8208	* 1.9206	* 1.5525	* 1.6067	* 1.8413	* 1.5757	* 2.9546 *
9	* 1.2034	* 1.2694	* 1.3045	* 1.2524	* 1.4715	* 1.3075	* 1.4034	* 0.7000 *
	* 1.8208	* 1.7259	* 1.6807	* 1.7532	* 1.4940	* 1.6848	* 1.5718	* 3.1488 *
10	* 1.1403	* 1.3012	* 1.1546	* 1.3897	* 1.3059	* 1.4659	* 1.0021	*
	* 1.9206	* 1.6850	* 1.8974	* 1.5798	* 1.6829	* 1.5032	* 2.1986	*
11	* 1.4142	* 1.2436	* 1.3836	* 1.1676	* 1.3294	* 1.4186	* 0.7069	*
	* 1.5525	* 1.7653	* 1.5867	* 1.8778	* 1.6538	* 1.5513	* 3.1128	*
12	* 1.3699	* 1.4541	* 1.2957	* 1.3231	* 1.3548	* 0.8180	*	*
	* 1.6067	* 1.5118	* 1.6961	* 1.6604	* 1.6224	* 2.6861	*	*
13	* 1.1956	* 1.2903	* 1.4512	* 1.4098	* 0.8160	*	*	*
	* 1.8413	* 1.7072	* 1.5184	* 1.5609	* 2.6924	*	*	*
14	* 1.3998	* 1.3939	* 0.9918	* 0.7004	*	*	*	*
	* 1.5757	* 1.5825	* 2.2213	* 3.1415	*	*	*	*
15	* 0.7462	* 0.6794	* F-SUB-Q					
	* 2.9546	* 3.2443	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.1786	* 1.0027	* 0.9591	* 1.2232	* 1.1335	* 0.9669	* 1.1276	* 0.5926
	* 1.8343	* 2.1558	* 2.2520	* 1.7687	* 1.9142	* 2.2457	* 1.9296	* 3.6741
9	* 1.0027	* 1.0771	* 1.1451	* 1.0544	* 1.2866	* 1.0771	* 1.1158	* 0.5587
	* 2.1558	* 2.0056	* 1.8861	* 2.0530	* 1.6845	* 2.0169	* 1.9499	* 3.8971
10	* 0.9591	* 1.1440	* 0.9676	* 1.2070	* 1.0871	* 1.2229	* 0.8029	
	* 2.2520	* 1.8880	* 2.2328	* 1.7924	* 1.9930	* 1.7759	* 2.7080	
11	* 1.2232	* 1.0474	* 1.2012	* 0.9715	* 1.1428	* 1.1276	* 0.5834	
	* 1.7687	* 2.0665	* 1.8010	* 2.2256	* 1.8951	* 1.9242	* 3.7240	
12	* 1.1335	* 1.2699	* 1.0792	* 1.1391	* 1.1043	* 0.6807		
	* 1.9142	* 1.7066	* 2.0075	* 1.9013	* 1.9620	* 3.1855		
13	* 0.9669	* 1.0639	* 1.2123	* 1.1210	* 0.6790			
	* 2.2457	* 2.0420	* 1.7914	* 1.9356	* 3.1938			
14	* 1.1276	* 1.1078	* 0.7953	* 0.5781				
	* 1.9296	* 1.9640	* 2.7342	* 3.7586				
15	* 0.5926	* 0.5484	* F-SUB-Q					
	* 3.6741	* 3.9706	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.5060	* 0.4505	* 0.4567	* 0.5402	* 0.5041	* 0.4460	* 0.4437	* 0.2658
	* 4.2271	* 4.7497	* 4.6826	* 3.9606	* 4.2523	* 4.8197	* 4.8548	* 8.1157
9	* 0.4505	* 0.4789	* 0.5167	* 0.4846	* 0.5459	* 0.4748	* 0.4340	* 0.2482
	* 4.7497	* 4.4634	* 4.1358	* 4.4200	* 3.9278	* 4.5258	* 4.9632	* 8.6939
10	* 0.4567	* 0.5167	* 0.4607	* 0.5318	* 0.4879	* 0.4975	* 0.3622	
	* 4.6826	* 4.1362	* 4.6419	* 4.0247	* 4.3942	* 4.3192	* 5.9444	
11	* 0.5402	* 0.4813	* 0.5301	* 0.4583	* 0.4990	* 0.4439	* 0.2633	
	* 3.9606	* 4.4499	* 4.0365	* 4.6705	* 4.2961	* 4.8390	* 8.1758	
12	* 0.5041	* 0.5404	* 0.4845	* 0.4974	* 0.4433	* 0.3179		
	* 4.2523	* 3.9682	* 4.4252	* 4.3099	* 4.8393	* 6.7562		
13	* 0.4460	* 0.4697	* 0.4933	* 0.4415	* 0.3170			
	* 4.8197	* 4.5747	* 4.3559	* 4.8648	* 6.7768			
14	* 0.4437	* 0.4311	* 0.3590	* 0.2610				
	* 4.8548	* 4.9963	* 5.9976	* 8.2482				
15	* 0.2658	* 0.2470	* F-SUB-Q					
	* 8.1157	* 8.7341	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5067	* 0.4641	* 0.4428	* 0.5130	* 0.4762	* 0.4031	* 0.2944	* 0.1605
	* 3.6093	* 3.9377	* 4.1084	* 3.5451	* 3.8226	* 4.4431	* 4.5131	* 7.0576
9	* 0.4641	* 0.4482	* 0.4757	* 0.4624	* 0.5077	* 0.4365	* 0.3437	* 0.1709
	* 3.9377	* 4.0053	* 3.7280	* 3.9315	* 3.5813	* 4.1602	* 4.6392	* 7.5083
10	* 0.4428	* 0.4756	* 0.3646	* 0.4832	* 0.4589	* 0.4623	* 0.3268	
	* 4.1084	* 3.7269	* 4.1119	* 3.7387	* 3.9454	* 3.9176	* 5.4782	
11	* 0.5130	* 0.4609	* 0.4823	* 0.4281	* 0.4793	* 0.4328	* 0.2687	
	* 3.5451	* 3.9439	* 3.7431	* 4.1973	* 3.7540	* 4.1569	* 6.6860	
12	* 0.4762	* 0.5051	* 0.4576	* 0.4788	* 0.4403	* 0.3266		
	* 3.8226	* 3.5993	* 3.9566	* 3.7581	* 4.0689	* 5.4666		
13	* 0.4031	* 0.4344	* 0.4608	* 0.4318	* 0.3252			
	* 4.4431	* 4.1800	* 3.9310	* 4.1664	* 5.4892			
14	* 0.2944	* 0.3422	* 0.3254	* 0.2675				
	* 4.5131	* 4.6522	* 5.4990	* 6.7154				
15	* 0.1605	* 0.1694	* F-SUB-Q					
	* 7.0576	* 7.5591	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0530	* 0.9122	* 0.8480	* 1.0264	* 0.9568	* 0.7907	* 0.6615	* 0.3355
	* 1.8090	* 2.0879	* 2.2343	* 1.8435	* 1.9804	* 2.3067	* 2.0644	* 3.5532
9	* 0.9122	* 0.8932	* 0.9419	* 0.9137	* 1.0637	* 0.8854	* 0.7739	* 0.3483
	* 2.0879	* 2.0438	* 1.9338	* 2.0712	* 1.7793	* 2.1349	* 2.0972	* 3.8303
10	* 0.8480	* 0.9416	* 0.7003	* 0.9687	* 0.9221	* 0.9969	* 0.6565	
	* 2.2343	* 1.9329	* 2.2082	* 1.9200	* 2.0437	* 1.8897	* 2.7959	
11	* 1.0264	* 0.9107	* 0.9669	* 0.8291	* 0.9678	* 0.9558	* 0.5363	
	* 1.8435	* 2.0783	* 1.9227	* 2.2508	* 1.9315	* 1.9542	* 3.4850	
12	* 0.9568	* 1.0573	* 0.9194	* 0.9667	* 0.9409	* 0.6261		
	* 1.9804	* 1.7901	* 2.0498	* 1.9338	* 1.9760	* 2.9607		
13	* 0.7907	* 0.8808	* 0.9936	* 0.9537	* 0.6242			
	* 2.3067	* 2.1463	* 1.8961	* 1.9586	* 2.9698			
14	* 0.6615	* 0.7706	* 0.6536	* 0.5338				
	* 2.0644	* 2.1029	* 2.8070	* 3.5015				
15	* 0.3355	* 0.3426	* F-SUB-Q					
	* 3.5532	* 3.8862	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1715	1.0634	0.9959	1.1685	1.1249	0.9577	0.8456	0.4391
	1.6976	1.8705	1.9819	1.6920	1.7597	1.9772	1.7850	2.9576
9	1.0634	1.0476	1.0508	1.0776	1.1927	1.0557	0.9613	0.4461
	1.8704	1.8193	1.8180	1.8365	1.6596	1.8717	1.7706	3.1801
10	0.9959	1.0500	0.8405	1.1108	1.0952	1.1640	0.8163	
	1.9819	1.8177	1.9576	1.7525	1.7962	1.6828	2.3364	
11	1.1685	1.0735	1.1082	0.9830	1.1023	1.1426	0.6607	
	1.6920	1.8436	1.7559	1.9840	1.7651	1.6980	2.9443	
12	1.1249	1.1836	1.0915	1.1006	1.1135	0.7522		
	1.7597	1.6725	1.8025	1.7683	1.7398	2.5567		
13	0.9577	1.0495	1.1602	1.1398	0.7505			
	1.9772	1.8823	1.6885	1.7023	2.5624			
14	0.8456	0.9568	0.8126	0.6575				
	1.7850	1.7761	2.3463	2.9587				
15	0.4391	0.4405	F-SUB-Q					
	2.9576	3.2164	M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3553	1.1991	1.1317	1.3677	1.2899	1.1067	1.0498	0.5449
	1.5509	1.7548	1.8450	1.5308	1.6236	1.8096	1.5503	2.6814
9	1.1991	1.1901	1.2292	1.2265	1.4003	1.2220	1.1757	0.5404
	1.7548	1.6859	1.6480	1.7111	1.4964	1.7042	1.5379	2.9287
10	1.1317	1.2289	0.9615	1.3113	1.2547	1.3766	0.9414	
	1.8450	1.6486	1.8216	1.5753	1.6586	1.4977	2.1478	
11	1.3677	1.2213	1.3078	1.1235	1.2966	1.3600	0.7369	
	1.5308	1.7188	1.5789	1.8305	1.5753	1.4937	2.7760	
12	1.2899	1.3884	1.2498	1.2943	1.3004	0.8340		
	1.6236	1.5096	1.6653	1.5792	1.5648	2.4137		
13	1.1067	1.2140	1.3717	1.3565	0.8325			
	1.8096	1.7151	1.5034	1.4977	2.4181			
14	1.0498	1.1699	0.9366	0.7333				
	1.5503	1.5431	2.1581	2.7899				
15	0.5449	0.5349	F-SUB-Q					
	2.6814	2.9729	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 100 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4463	* 1.2679	* 1.2135	* 1.4802	* 1.3851	* 1.2062	* 1.2559	* 0.6818 *
	* 1.5557	* 1.7739	* 1.8439	* 1.5168	* 1.6110	* 1.7956	* 1.5031	* 2.6192 *
9	* 1.2679	* 1.2840	* 1.3472	* 1.3165	* 1.5208	* 1.3235	* 1.3348	* 0.6504 *
	* 1.7739	* 1.6852	* 1.6272	* 1.7050	* 1.4746	* 1.6772	* 1.4957	* 2.8576 *
10	* 1.2135	* 1.3464	* 1.1213	* 1.4370	* 1.3499	* 1.4962	* 1.0400 *	
	* 1.8439	* 1.6279	* 1.8173	* 1.5442	* 1.6532	* 1.4687	* 2.0916 *	
11	* 1.4802	* 1.3104	* 1.4330	* 1.2144	* 1.4085	* 1.4774	* 0.7997 *	
	* 1.5168	* 1.7123	* 1.5484	* 1.8169	* 1.5401	* 1.4551	* 2.7207 *	
12	* 1.3851	* 1.5069	* 1.3444	* 1.4058	* 1.4092	* 0.9003 *		
	* 1.6110	* 1.4903	* 1.6606	* 1.5442	* 1.5321	* 2.3619 *		
13	* 1.2062	* 1.3143	* 1.4900	* 1.4734	* 0.8989 *			
	* 1.7956	* 1.6886	* 1.4748	* 1.4593	* 2.3659 *			
14	* 1.2559	* 1.3295	* 1.0347	* 0.7953 *				
	* 1.5031	* 1.5012	* 2.1021	* 2.7364 *				
15	* 0.6818	* 0.6421	* F-SUB-Q					
	* 2.6192	* 2.8930	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5170	* 1.3324	* 1.2846	* 1.5733	* 1.4679	* 1.2953	* 1.4761	* 0.8257 *
	* 1.5771	* 1.7900	* 1.8503	* 1.5055	* 1.6029	* 1.7962	* 1.4906	* 2.6148 *
9	* 1.3324	* 1.3868	* 1.4498	* 1.3943	* 1.6208	* 1.4114	* 1.5116	* 0.7691 *
	* 1.7900	* 1.6959	* 1.6243	* 1.6996	* 1.4570	* 1.6610	* 1.4820	* 2.8376 *
10	* 1.2846	* 1.4490	* 1.2641	* 1.5449	* 1.4334	* 1.5950	* 1.1255 *	
	* 1.8503	* 1.6253	* 1.8247	* 1.5259	* 1.6486	* 1.4731	* 2.0651 *	
11	* 1.5733	* 1.3875	* 1.5403	* 1.2964	* 1.5013	* 1.5715	* 0.8522 *	
	* 1.5055	* 1.7079	* 1.5305	* 1.8217	* 1.5466	* 1.4580	* 2.7329 *	
12	* 1.4679	* 1.6053	* 1.4274	* 1.4983	* 1.4984	* 0.9567 *		
	* 1.6029	* 1.4725	* 1.6557	* 1.5510	* 1.5385	* 2.3638 *		
13	* 1.2953	* 1.4012	* 1.5881	* 1.5670	* 0.9553 *			
	* 1.7962	* 1.6733	* 1.4800	* 1.4624	* 2.3675 *			
14	* 1.4761	* 1.5056	* 1.1195	* 0.8473 *				
	* 1.4906	* 1.4878	* 2.0761	* 2.7492 *				
15	* 0.8257	* 0.7581	* F-SUB-Q					
	* 2.6148	* 2.8782	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6001	* 1.4001	* 1.3565	* 1.6772	* 1.5592	* 1.3807	* 1.6534	* 0.9204 *
	* 1.5628	* 1.7890	* 1.8426	* 1.4779	* 1.5848	* 1.7820	* 1.4583	* 2.6083 *
9	* 1.4001	* 1.4791	* 1.5562	* 1.4743	* 1.7320	* 1.5026	* 1.6672	* 0.8456 *
	* 1.7890	* 1.6879	* 1.6000	* 1.6848	* 1.4274	* 1.6368	* 1.4508	* 2.8453 *
10	* 1.3565	* 1.5551	* 1.3686	* 1.6571	* 1.5190	* 1.7064	* 1.1946 *	
	* 1.8426	* 1.6010	* 1.8135	* 1.4953	* 1.6258	* 1.4331	* 2.0506 *	
11	* 1.6772	* 1.4671	* 1.6519	* 1.3774	* 1.6036	* 1.6793	* 0.8900 *	
	* 1.4779	* 1.6938	* 1.5002	* 1.7948	* 1.5189	* 1.4331	* 2.7318 *	
12	* 1.5592	* 1.7146	* 1.5122	* 1.6003	* 1.5965	* 0.9994 *		
	* 1.5848	* 1.4426	* 1.6334	* 1.5234	* 1.5187	* 2.3949 *		
13	* 1.3807	* 1.4910	* 1.6986	* 1.6744	* 0.9980 *			
	* 1.7820	* 1.6499	* 1.4399	* 1.4376	* 2.3983 *			
14	* 1.6534	* 1.6604	* 1.1881	* 0.8848 *				
	* 1.4583	* 1.4568	* 2.0620	* 2.7484 *				
15	* 0.9204	* 0.8352	* F-SUB-Q					
	* 2.6083	* 2.8803	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6446	* 1.4386	* 1.3999	* 1.7395	* 1.6170	* 1.4328	* 1.7523	* 0.9756 *
	* 1.5910	* 1.8203	* 1.8664	* 1.4905	* 1.5966	* 1.8011	* 1.4615	* 2.6206 *
9	* 1.4386	* 1.5306	* 1.6188	* 1.5246	* 1.7999	* 1.5609	* 1.7576	* 0.8953 *
	* 1.8203	* 1.7107	* 1.6138	* 1.7024	* 1.4355	* 1.6454	* 1.4569	* 2.8591 *
10	* 1.3999	* 1.6176	* 1.4224	* 1.7232	* 1.5733	* 1.7761	* 1.2451 *	
	* 1.8664	* 1.6150	* 1.8341	* 1.5014	* 1.6410	* 1.4388	* 2.0591 *	
11	* 1.7395	* 1.5177	* 1.7175	* 1.4293	* 1.6664	* 1.7478	* 0.9226 *	
	* 1.4905	* 1.7105	* 1.5065	* 1.8098	* 1.5261	* 1.4396	* 2.7496 *	
12	* 1.6170	* 1.7809	* 1.5659	* 1.6628	* 1.6586	* 1.0358 *		
	* 1.5966	* 1.4521	* 1.6490	* 1.5307	* 1.5272	* 2.4202 *		
13	* 1.4328	* 1.5483	* 1.7675	* 1.7424	* 1.0344 *			
	* 1.8011	* 1.6590	* 1.4461	* 1.4442	* 2.4235 *			
14	* 1.7523	* 1.7503	* 1.2381	* 0.9170 *				
	* 1.4615	* 1.4632	* 2.0710	* 2.7666 *				
15	* 0.9756	* 0.8842	* F-SUB-Q					
	* 2.6206	* 2.8945	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7055	* 1.4823	* 1.4455	* 1.8160	* 1.6796	* 1.4853	* 1.8528	* 1.0149
	* 1.6090	* 1.8574	* 1.9006	* 1.4990	* 1.6154	* 1.8240	* 1.4477	* 2.6443
9	* 1.4823	* 1.5841	* 1.6899	* 1.5779	* 1.8824	* 1.6228	* 1.8513	* 0.9262
	* 1.8574	* 1.7357	* 1.6230	* 1.7281	* 1.4415	* 1.6628	* 1.4478	* 2.8982
10	* 1.4455	* 1.6886	* 1.4725	* 1.8013	* 1.6311	* 1.8613	* 1.2816	*
	* 1.9006	* 1.6243	* 1.8592	* 1.5077	* 1.6573	* 1.4345	* 2.0995	*
11	* 1.8160	* 1.5706	* 1.7950	* 1.4810	* 1.7430	* 1.8321	* 0.9412	*
	* 1.4990	* 1.7368	* 1.5132	* 1.8263	* 1.5274	* 1.4402	* 2.8186	*
12	* 1.6796	* 1.8618	* 1.6230	* 1.7390	* 1.7322	* 1.0612	*	*
	* 1.6154	* 1.4544	* 1.6658	* 1.5322	* 1.5326	* 2.4816	*	*
13	* 1.4853	* 1.6090	* 1.8519	* 1.8262	* 1.0600	*	*	*
	* 1.8240	* 1.6772	* 1.4420	* 1.4449	* 2.4844	*	*	*
14	* 1.8528	* 1.8434	* 1.2738	* 0.9362	*	*	*	*
	* 1.4477	* 1.4540	* 2.1124	* 2.8338	*	*	*	*
15	* 1.0149	* 0.9110	* F-SUB-Q					
	* 2.6443	* 2.9464	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6689	* 1.4646	* 1.4345	* 1.7890	* 1.6689	* 1.4772	* 1.8335	* 1.0284
	* 1.7265	* 1.9709	* 2.0111	* 1.5980	* 1.7065	* 1.9295	* 1.5432	* 2.7493
9	* 1.4646	* 1.5671	* 1.6619	* 1.5668	* 1.8565	* 1.6136	* 1.8328	* 0.9517
	* 1.9709	* 1.8428	* 1.7332	* 1.8249	* 1.5335	* 1.7529	* 1.5431	* 2.9722
10	* 1.4345	* 1.6604	* 1.4609	* 1.7763	* 1.6221	* 1.8378	* 1.3041	*
	* 2.0111	* 1.7347	* 1.9673	* 1.6027	* 1.7504	* 1.5276	* 2.1661	*
11	* 1.7890	* 1.5588	* 1.7698	* 1.4719	* 1.7204	* 1.8092	* 0.9687	*
	* 1.5980	* 1.8343	* 1.6086	* 1.9290	* 1.6300	* 1.5379	* 2.8807	*
12	* 1.6689	* 1.8356	* 1.6136	* 1.7163	* 1.7149	* 1.0925	*	*
	* 1.7065	* 1.5466	* 1.7596	* 1.6351	* 1.6323	* 2.5454	*	*
13	* 1.4772	* 1.5996	* 1.8281	* 1.8032	* 1.0907	*	*	*
	* 1.9295	* 1.7683	* 1.5357	* 1.5430	* 2.5497	*	*	*
14	* 1.8335	* 1.8248	* 1.2961	* 0.9625	*	*	*	*
	* 1.5432	* 1.5499	* 2.1792	* 2.8990	*	*	*	*
15	* 1.0284	* 0.9383	* F-SUB-Q					
	* 2.7493	* 3.0143	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 103 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7305	* 1.5006	* 1.4693	* 1.8655	* 1.7243	* 1.5199	* 1.9310	* 1.0501
	* 1.7600	* 2.0328	* 2.0738	* 1.6222	* 1.7464	* 1.9788	* 1.5434	* 2.8345
9	* 1.5006	* 1.6129	* 1.7309	* 1.6119	* 1.9398	* 1.6691	* 1.9227	* 0.9603
	* 2.0328	* 1.8900	* 1.7568	* 1.8770	* 1.5523	* 1.7915	* 1.5475	* 3.0996
10	* 1.4693	* 1.7293	* 1.5013	* 1.8543	* 1.6727	* 1.9263	* 1.3198	
	* 2.0738	* 1.7584	* 2.0214	* 1.6251	* 1.7980	* 1.5440	* 2.2577	
11	* 1.8655	* 1.6035	* 1.8471	* 1.5156	* 1.7993	* 1.8985	* 0.9685	
	* 1.6222	* 1.8869	* 1.6313	* 1.9843	* 1.6514	* 1.5544	* 3.0510	
12	* 1.7243	* 1.9170	* 1.6635	* 1.7948	* 1.7902	* 1.0959		
	* 1.7464	* 1.5648	* 1.8078	* 1.6567	* 1.6561	* 2.6781		
13	* 1.5199	* 1.6537	* 1.9157	* 1.8920	* 1.0947			
	* 1.9788	* 1.8080	* 1.5523	* 1.5595	* 2.6808			
14	* 1.9310	* 1.9140	* 1.3112	* 0.9629				
	* 1.5434	* 1.5545	* 2.2721	* 3.0678				
15	* 1.0501	* 0.9461	* F-SUB-Q					
	* 2.8345	* 3.1453	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7281	* 1.4979	* 1.4700	* 1.8747	* 1.7329	* 1.5252	* 1.9523	* 1.0591
	* 1.7791	* 2.0510	* 2.0882	* 1.6395	* 1.7765	* 2.0200	* 1.5897	* 2.9281
9	* 1.4979	* 1.6142	* 1.7362	* 1.6163	* 1.9518	* 1.6792	* 1.9414	* 0.9701
	* 2.0510	* 1.9051	* 1.7708	* 1.9001	* 1.5766	* 1.8332	* 1.5953	* 3.1939
10	* 1.4700	* 1.7345	* 1.5042	* 1.8655	* 1.6810	* 1.9436	* 1.3306	
	* 2.0882	* 1.7726	* 2.0439	* 1.6460	* 1.8261	* 1.5815	* 2.3161	
11	* 1.8747	* 1.6074	* 1.8580	* 1.5218	* 1.8152	* 1.9176	* 0.9783	
	* 1.6395	* 1.9104	* 1.6527	* 2.0139	* 1.6883	* 1.5992	* 3.1338	
12	* 1.7329	* 1.9287	* 1.6713	* 1.8090	* 1.8065	* 1.1075		
	* 1.7765	* 1.5947	* 1.8366	* 1.6937	* 1.6944	* 2.7601		
13	* 1.5252	* 1.6631	* 1.9324	* 1.9108	* 1.1063			
	* 2.0200	* 1.8509	* 1.5906	* 1.6049	* 2.7632			
14	* 1.9523	* 1.9323	* 1.3220	* 0.9717				
	* 1.5897	* 1.6028	* 2.3312	* 3.1551				
15	* 1.0591	* 0.9567	* F-SUB-Q					
	* 2.9281	* 3.2384	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6794	* 1.4658	* 1.4431	* 1.8338	* 1.7059	* 1.5019	* 1.9182	* 1.0559 *
	* 1.7971	* 2.0569	* 2.0891	* 1.6478	* 1.7758	* 2.0186	* 1.5927	* 2.8905 *
9	* 1.4658	* 1.5810	* 1.6943	* 1.5891	* 1.9119	* 1.6549	* 1.9087	* 0.9779 *
	* 2.0569	* 1.9098	* 1.7818	* 1.8983	* 1.5835	* 1.8301	* 1.5982	* 3.1188 *
10	* 1.4431	* 1.6924	* 1.4774	* 1.8273	* 1.6561	* 1.9086	* 1.3316	*
	* 2.0891	* 1.7838	* 2.0413	* 1.6508	* 1.8206	* 1.5836	* 2.2771	*
11	* 1.8338	* 1.5799	* 1.8195	* 1.4983	* 1.7832	* 1.8855	* 0.9863	*
	* 1.6478	* 1.9092	* 1.6578	* 2.0044	* 1.6868	* 1.5968	* 3.0469	*
12	* 1.7059	* 1.8915	* 1.6461	* 1.7768	* 1.7778	* 1.1200	*	*
	* 1.7758	* 1.5997	* 1.8315	* 1.6928	* 1.6878	* 2.6713	*	*
13	* 1.5019	* 1.6387	* 1.8971	* 1.8786	* 1.1184	*	*	*
	* 2.0186	* 1.8480	* 1.5930	* 1.6026	* 2.6753	*	*	*
14	* 1.9182	* 1.8995	* 1.3226	* 0.9794	*	*	*	*
	* 1.5927	* 1.6060	* 2.2925	* 3.0682	*	*	*	*
15	* 1.0559	* 0.9634	* F-SUB-Q					
	* 2.8905	* 3.1653	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7068	* 1.4731	* 1.4521	* 1.8756	* 1.7308	* 1.5222	* 1.9834	* 1.0599 *
	* 1.7209	* 1.9912	* 2.0191	* 1.5704	* 1.7054	* 1.9436	* 1.4978	* 2.7947 *
9	* 1.4731	* 1.5964	* 1.7293	* 1.6053	* 1.9606	* 1.6825	* 1.9680	* 0.9699 *
	* 1.9912	* 1.8418	* 1.7006	* 1.8308	* 1.5058	* 1.7542	* 1.5081	* 3.0526 *
10	* 1.4521	* 1.7272	* 1.4907	* 1.8716	* 1.6776	* 1.9656	* 1.3254	*
	* 2.0191	* 1.7026	* 1.9677	* 1.5705	* 1.7510	* 1.4989	* 2.2273	*
11	* 1.8756	* 1.5955	* 1.8632	* 1.5172	* 1.8356	* 1.9455	* 0.9703	*
	* 1.5704	* 1.8416	* 1.5775	* 1.9271	* 1.5964	* 1.5079	* 3.0109	*
12	* 1.7308	* 1.9419	* 1.6670	* 1.8287	* 1.8246	* 1.1076	*	*
	* 1.7054	* 1.5192	* 1.7620	* 1.6023	* 1.6015	* 2.6258	*	*
13	* 1.5222	* 1.6650	* 1.9532	* 1.9381	* 1.1064	*	*	*
	* 1.9436	* 1.7724	* 1.5082	* 1.5136	* 2.6283	*	*	*
14	* 1.9834	* 1.9580	* 1.3159	* 0.9644	*	*	*	*
	* 1.4978	* 1.5157	* 2.2433	* 3.0289	*	*	*	*
15	* 1.0599	* 0.9544	* F-SUB-Q					
	* 2.7947	* 3.1013	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 105 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6923	1.4554	1.4383	1.8713	1.7238	1.5174	1.9957	1.0555
	1.6511	1.9162	1.9383	1.4992	1.6318	1.8573	1.4209	2.6660
9	1.4554	1.5828	1.7213	1.5941	1.9616	1.6789	1.9781	0.9640
	1.9162	1.7653	1.6238	1.7556	1.4346	1.6755	1.4321	2.9170
10	1.4383	1.7192	1.4789	1.8699	1.6700	1.9728	1.3160	
	1.9383	1.6257	1.8849	1.4980	1.6770	1.4256	2.1348	
11	1.8713	1.5839	1.8610	1.5103	1.8420	1.9566	0.9606	
	1.4992	1.7661	1.5048	1.8447	1.5191	1.4328	2.8970	
12	1.7238	1.9433	1.6589	1.8348	1.8297	1.0999		
	1.6318	1.4475	1.6878	1.5249	1.5248	2.5243		
13	1.5174	1.6608	1.9598	1.9488	1.0984			
	1.8573	1.6932	1.4347	1.4382	2.5273			
14	1.9957	1.9677	1.3061	0.9547				
	1.4209	1.4394	2.1503	2.9145				
15	1.0555	0.9464	F-SUB-Q					
	2.6660	2.9701	M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6560	1.4262	1.4095	1.8392	1.6982	1.4950	1.9709	1.0431
	1.6207	1.8786	1.9001	1.4651	1.5902	1.8065	1.3772	2.5815
9	1.4262	1.5522	1.6880	1.5657	1.9329	1.6547	1.9540	0.9555
	1.8786	1.7288	1.5904	1.7175	1.3984	1.6322	1.3885	2.8169
10	1.4095	1.6857	1.4510	1.8398	1.6441	1.9464	1.3023	
	1.9001	1.5925	1.8458	1.4630	1.6372	1.3883	2.0700	
11	1.8392	1.5553	1.8307	1.4857	1.8167	1.9318	0.9524	
	1.4651	1.7283	1.4700	1.8035	1.4814	1.3954	2.8095	
12	1.6982	1.9144	1.6327	1.8093	1.8051	1.0916		
	1.5902	1.4114	1.6481	1.4872	1.4872	2.4486		
13	1.4950	1.6363	1.9331	1.9238	1.0902			
	1.8065	1.6500	1.3974	1.4009	2.4514			
14	1.9709	1.9433	1.2923	0.9462				
	1.3772	1.3957	2.0855	2.8272				
15	1.0431	0.9403	F-SUB-Q					
	2.5815	2.8612	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5839	* 1.3760	* 1.3629	* 1.7663	* 1.6445	* 1.4507	* 1.8973	* 1.0234
	* 1.6411	* 1.8862	* 1.9058	* 1.4773	* 1.5897	* 1.8003	* 1.3820	* 2.5422
9	* 1.3760	* 1.4969	* 1.6172	* 1.5144	* 1.8590	* 1.6032	* 1.8848	* 0.9496
	* 1.8862	* 1.7362	* 1.6079	* 1.7201	* 1.4077	* 1.6307	* 1.3909	* 2.7389
10	* 1.3629	* 1.6149	* 1.4024	* 1.7682	* 1.5928	* 1.8755	* 1.2862	*
	* 1.9058	* 1.6101	* 1.8505	* 1.4745	* 1.6372	* 1.3955	* 2.0281	*
11	* 1.7663	* 1.5041	* 1.7592	* 1.4392	* 1.7493	* 1.8620	* 0.9498	*
	* 1.4773	* 1.7315	* 1.4817	* 1.8044	* 1.4905	* 1.4020	* 2.7294	*
12	* 1.6445	* 1.8407	* 1.5815	* 1.7419	* 1.7423	* 1.0867	*	*
	* 1.5897	* 1.4211	* 1.6484	* 1.4965	* 1.4935	* 2.3845	*	*
13	* 1.4507	* 1.5851	* 1.8616	* 1.8541	* 1.0848	*	*	*
	* 1.8003	* 1.6487	* 1.4053	* 1.4077	* 2.3885	*	*	*
14	* 1.8973	* 1.8742	* 1.2763	* 0.9424	*	*	*	*
	* 1.3820	* 1.3985	* 2.0432	* 2.7502	*	*	*	*
15	* 1.0234	* 0.9345	* F-SUB-Q					
	* 2.5422	* 2.7820	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5973	* 1.3689	* 1.3544	* 1.7860	* 1.6473	* 1.4505	* 1.9358	* 1.0086
	* 1.5780	* 1.8384	* 1.8572	* 1.4153	* 1.5377	* 1.7454	* 1.3119	* 2.5041
9	* 1.3689	* 1.4954	* 1.6321	* 1.5092	* 1.8850	* 1.6077	* 1.9193	* 0.9224
	* 1.8384	* 1.6847	* 1.5443	* 1.6730	* 1.3454	* 1.5766	* 1.3234	* 2.7379
10	* 1.3544	* 1.6297	* 1.3964	* 1.7891	* 1.5910	* 1.9061	* 1.2569	*
	* 1.8572	* 1.5466	* 1.8022	* 1.4126	* 1.5891	* 1.3312	* 2.0130	*
11	* 1.7860	* 1.4986	* 1.7797	* 1.4364	* 1.7762	* 1.8956	* 0.9145	*
	* 1.4153	* 1.6845	* 1.4199	* 1.7546	* 1.4245	* 1.3366	* 2.7562	*
12	* 1.6473	* 1.8656	* 1.5793	* 1.7684	* 1.7632	* 1.0516	*	*
	* 1.5377	* 1.3590	* 1.6006	* 1.4307	* 1.4330	* 2.3958	*	*
13	* 1.4505	* 1.5887	* 1.8915	* 1.8873	* 1.0501	*	*	*
	* 1.7454	* 1.5950	* 1.3408	* 1.3423	* 2.3991	*	*	*
14	* 1.9358	* 1.9080	* 1.2466	* 0.9083	*	*	*	*
	* 1.3119	* 1.3310	* 2.0294	* 2.7747	*	*	*	*
15	* 1.0086	* 0.9048	* F-SUB-Q					
	* 2.5041	* 2.7902	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 107 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5482	* 1.3270	* 1.3118	* 1.7323	* 1.6010	* 1.4096	* 1.8841	* 0.9784 *
	* 1.5626	* 1.8210	* 1.8417	* 1.4010	* 1.5192	* 1.7247	* 1.2933	* 2.4796 *
9	* 1.3270	* 1.4506	* 1.5795	* 1.4632	* 1.8302	* 1.5629	* 1.8708	* 0.8956 *
	* 1.8210	* 1.6674	* 1.5325	* 1.6576	* 1.3305	* 1.5573	* 1.3027	* 2.7086 *
10	* 1.3118	* 1.5771	* 1.3524	* 1.7352	* 1.5444	* 1.8546	* 1.2205	*
	* 1.8417	* 1.5348	* 1.7876	* 1.3985	* 1.5723	* 1.3134	* 1.9909	*
11	* 1.7323	* 1.4525	* 1.7258	* 1.3926	* 1.7252	* 1.8456	* 0.8861	*
	* 1.4010	* 1.6693	* 1.4060	* 1.7389	* 1.4084	* 1.3178	* 2.7338	*
12	* 1.6010	* 1.8108	* 1.5328	* 1.7174	* 1.7125	* 1.0207	*	*
	* 1.5192	* 1.3443	* 1.5840	* 1.4146	* 1.4172	* 2.3722	*	*
13	* 1.4096	* 1.5440	* 1.8399	* 1.8372	* 1.0192	*	*	*
	* 1.7247	* 1.5761	* 1.3237	* 1.3237	* 2.3754	*	*	*
14	* 1.8841	* 1.8593	* 1.2102	* 0.8800	*	*	*	*
	* 1.2933	* 1.3106	* 2.0075	* 2.7527	*	*	*	*
15	* 0.9784	* 0.8779	* F-SUB-Q					
	* 2.4796	* 2.7628	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4843	* 1.2775	* 1.2577	* 1.6512	* 1.5353	* 1.3499	* 1.7864	* 0.9329 *
	* 1.5752	* 1.8283	* 1.8570	* 1.4199	* 1.5305	* 1.7404	* 1.3172	* 2.5154 *
9	* 1.2775	* 1.3917	* 1.5033	* 1.4022	* 1.7411	* 1.4972	* 1.7804	* 0.8719 *
	* 1.8283	* 1.6796	* 1.5561	* 1.6714	* 1.3500	* 1.5707	* 1.3220	* 2.6913 *
10	* 1.2577	* 1.5010	* 1.2951	* 1.6523	* 1.4788	* 1.7648	* 1.1711	*
	* 1.8570	* 1.5584	* 1.8045	* 1.4189	* 1.5867	* 1.3330	* 2.0056	*
11	* 1.6512	* 1.3921	* 1.6434	* 1.3318	* 1.6383	* 1.7528	* 0.8483	*
	* 1.4199	* 1.6834	* 1.4265	* 1.7577	* 1.4331	* 1.3404	* 2.7628	*
12	* 1.5353	* 1.7226	* 1.4677	* 1.6308	* 1.6370	* 0.9913	*	*
	* 1.5305	* 1.3652	* 1.5985	* 1.4395	* 1.4329	* 2.3623	*	*
13	* 1.3499	* 1.4787	* 1.7510	* 1.7446	* 0.9899	*	*	*
	* 1.7404	* 1.5899	* 1.3431	* 1.3466	* 2.3656	*	*	*
14	* 1.7864	* 1.7689	* 1.1610	* 0.8421	*	*	*	*
	* 1.3172	* 1.3305	* 2.0228	* 2.7828	*	*	*	*
15	* 0.9329	* 0.8394	* F-SUB-Q					
	* 2.5154	* 2.7950	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 108 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3922	* 1.2119	* 1.1867	* 1.5310	* 1.4402	* 1.2623	* 1.6256	* 0.8642 *
	* 1.6357	* 1.8768	* 1.9172	* 1.4906	* 1.5882	* 1.8129	* 1.4090	* 2.6467 *
9	* 1.2119	* 1.3109	* 1.4085	* 1.3204	* 1.6161	* 1.4008	* 1.6316	* 0.8072 *
	* 1.8768	* 1.7362	* 1.6173	* 1.7282	* 1.4155	* 1.6339	* 1.4040	* 2.8335 *
10	* 1.1867	* 1.4049	* 1.2193	* 1.5289	* 1.3880	* 1.6267	* 1.0993	*
	* 1.9172	* 1.6215	* 1.8669	* 1.4926	* 1.6457	* 1.4072	* 2.0811	*
11	* 1.5310	* 1.3111	* 1.5208	* 1.2488	* 1.5049	* 1.6055	* 0.7954	*
	* 1.4906	* 1.7402	* 1.5005	* 1.8257	* 1.5187	* 1.4242	* 2.8719	*
12	* 1.4402	* 1.5944	* 1.3779	* 1.4981	* 1.5272	* 0.9254	*	*
	* 1.5882	* 1.4346	* 1.6577	* 1.5254	* 1.4951	* 2.4656	*	*
13	* 1.2623	* 1.3841	* 1.6144	* 1.5978	* 0.9239	*	*	*
	* 1.8129	* 1.6534	* 1.4178	* 1.4310	* 2.4694	*	*	*
14	* 1.6256	* 1.6209	* 1.0898	* 0.7893	*	*	*	*
	* 1.4090	* 1.4132	* 2.0992	* 2.8936	*	*	*	*
15	* 0.8642	* 0.7824	* F-SUB-Q					
	* 2.6467	* 2.9235	* M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2734	* 1.1232	* 1.0949	* 1.3861	* 1.3141	* 1.1456	* 1.4160	* 0.7649 *
	* 1.7538	* 1.9864	* 2.0376	* 1.6131	* 1.7059	* 1.9572	* 1.5859	* 2.9359 *
9	* 1.1232	* 1.2106	* 1.2793	* 1.2159	* 1.4588	* 1.2723	* 1.4331	* 0.7178 *
	* 1.9864	* 1.8433	* 1.7455	* 1.8395	* 1.5365	* 1.7631	* 1.5670	* 3.1286 *
10	* 1.0949	* 1.2765	* 1.1217	* 1.3808	* 1.2727	* 1.4504	* 0.9887	*
	* 2.0376	* 1.7495	* 1.9896	* 1.6197	* 1.7590	* 1.5465	* 2.2699	*
11	* 1.3861	* 1.2080	* 1.3740	* 1.1412	* 1.3430	* 1.4256	* 0.7212	*
	* 1.6131	* 1.8513	* 1.6276	* 1.9581	* 1.6675	* 1.5721	* 3.1084	*
12	* 1.3141	* 1.4379	* 1.2640	* 1.3379	* 1.3704	* 0.8406	*	*
	* 1.7059	* 1.5587	* 1.7711	* 1.6726	* 1.6332	* 2.6628	*	*
13	* 1.1456	* 1.2578	* 1.4405	* 1.4187	* 0.8392	*	*	*
	* 1.9572	* 1.7833	* 1.5570	* 1.5797	* 2.6674	*	*	*
14	* 1.4160	* 1.4238	* 0.9803	* 0.7157	*	*	*	*
	* 1.5859	* 1.5772	* 2.2891	* 3.1324	*	*	*	*
15	* 0.7649	* 0.6983	* F-SUB-Q					
	* 2.9359	* 3.2157	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 109 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 150 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0972	0.9325	0.9093	1.1679	1.0768	0.9239	1.1173	0.5990
	2.0074	2.3622	2.4208	1.8873	2.0529	2.3944	1.9835	3.7035
9	0.9325	1.0131	1.1006	1.0087	1.2358	1.0370	1.1082	0.5656
	2.3622	2.1727	1.9996	2.1867	1.7865	2.1340	1.9998	3.9226
10	0.9093	1.0996	0.9276	1.1634	1.0460	1.1911	0.7858	
	2.4208	2.0013	2.3734	1.8947	2.1103	1.8571	2.8190	
11	1.1679	1.0028	1.1586	0.9379	1.1228	1.1218	0.5871	
	1.8873	2.1996	1.9024	2.3492	1.9648	1.9706	3.7716	
12	1.0768	1.2218	1.0395	1.1199	1.0950	0.6874		
	2.0529	1.8070	2.1235	1.9700	2.0158	3.2150		
13	0.9239	1.0259	1.1826	1.1170	0.6860			
	2.3944	2.1570	1.8704	1.9791	3.2214			
14	1.1173	1.1016	0.7796	0.5825				
	1.9835	2.0117	2.8413	3.8009				
15	0.5990	0.5554	F-SUB-Q					
	3.7035	3.9949	M-SUB-Q					

AT 75% POWER, 150 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.4759	0.4245	0.4369	0.5208	0.4851	0.4327	0.4432	0.2690
	4.5834	5.1384	4.9905	4.1915	4.5065	5.0639	4.9540	8.1765
9	0.4245	0.4563	0.4979	0.4676	0.5302	0.4631	0.4338	0.2515
	5.1384	4.7777	4.3782	4.6703	4.1231	4.7312	5.0611	8.7461
10	0.4369	0.4975	0.4454	0.5181	0.4748	0.4915	0.3572	
	4.9905	4.3819	4.8966	4.2139	4.6035	4.4561	6.1440	
11	0.5208	0.4651	0.5160	0.4471	0.4954	0.4482	0.2655	
	4.1915	4.6954	4.2300	4.8815	4.4117	4.8855	8.2663	
12	0.4851	0.5255	0.4720	0.4941	0.4485	0.3209		
	4.5065	4.1601	4.6312	4.4231	4.8762	6.8249		
13	0.4327	0.4588	0.4881	0.4463	0.3201			
	5.0639	4.7753	4.4874	4.9060	6.8414			
14	0.4432	0.4314	0.3546	0.2636				
	4.9540	5.0897	6.1892	8.3274				
15	0.2690	0.2503	F-SUB-Q					
	8.1765	8.7881	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4887	* 0.4510	* 0.4356	* 0.5021	* 0.4672	* 0.3933	* 0.2905	* 0.1574
	* 3.5743	* 3.8704	* 3.9908	* 3.4659	* 3.7294	* 4.4170	* 4.5370	* 7.0909
9	* 0.4510	* 0.4370	* 0.4659	* 0.4550	* 0.4977	* 0.4303	* 0.3428	* 0.1687
	* 3.8704	* 3.9910	* 3.7201	* 3.8235	* 3.4977	* 4.0391	* 4.6736	* 7.5532
10	* 0.4356	* 0.4657	* 0.3538	* 0.4772	* 0.4550	* 0.4614	* 0.3210	*
	* 3.9908	* 3.7209	* 4.2109	* 3.6255	* 3.8166	* 3.7649	* 5.3937	*
11	* 0.5021	* 0.4537	* 0.4765	* 0.4315	* 0.4807	* 0.4408	* 0.2717	*
	* 3.4659	* 3.8343	* 3.6312	* 4.0042	* 3.6001	* 3.9306	* 6.3451	*
12	* 0.4672	* 0.4955	* 0.4539	* 0.4803	* 0.4490	* 0.3320	*	*
	* 3.7294	* 3.5125	* 3.8259	* 3.6032	* 3.8481	* 5.1887	*	*
13	* 0.3933	* 0.4285	* 0.4600	* 0.4399	* 0.3307	*	*	*
	* 4.4170	* 4.0560	* 3.7759	* 3.9382	* 5.2099	*	*	*
14	* 0.2905	* 0.3415	* 0.3199	* 0.2706	*	*	*	*
	* 4.5370	* 4.6855	* 5.4128	* 6.3716	*	*	*	*
15	* 0.1574	* 0.1672	* F-SUB-Q					
	* 7.0909	* 7.6067	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9960	* 0.8627	* 0.8184	* 0.9891	* 0.9178	* 0.7530	* 0.6288	* 0.3189
	* 1.8251	* 2.1071	* 2.2102	* 1.8287	* 1.9754	* 2.4022	* 2.1212	* 3.6342
9	* 0.8627	* 0.8469	* 0.9109	* 0.8805	* 1.0226	* 0.8512	* 0.7450	* 0.3342
	* 2.1071	* 2.1377	* 1.9776	* 2.0559	* 1.7702	* 2.1246	* 2.1711	* 3.9203
10	* 0.8184	* 0.9106	* 0.6726	* 0.9409	* 0.8936	* 0.9693	* 0.6295	*
	* 2.2102	* 1.9781	* 2.2974	* 1.9100	* 2.0209	* 1.8633	* 2.8639	*
11	* 0.9891	* 0.8779	* 0.9393	* 0.8194	* 0.9539	* 0.9505	* 0.5321	*
	* 1.8287	* 2.0621	* 1.9132	* 2.1906	* 1.8835	* 1.8922	* 3.3699	*
12	* 0.9178	* 1.0179	* 0.8913	* 0.9530	* 0.9426	* 0.6295	*	*
	* 1.9754	* 1.7783	* 2.0262	* 1.8854	* 1.9021	* 2.8424	*	*
13	* 0.7530	* 0.8471	* 0.9664	* 0.9487	* 0.6277	*	*	*
	* 2.4022	* 2.1346	* 1.8687	* 1.8957	* 2.8502	*	*	*
14	* 0.6288	* 0.7422	* 0.6271	* 0.5299	*	*	*	*
	* 2.1212	* 2.1763	* 2.8747	* 3.3835	*	*	*	*
15	* 0.3189	* 0.3287	* F-SUB-Q					
	* 3.6342	* 3.9793	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1483	1.0119	0.9784	1.1663	1.0905	0.9112	0.7884	0.4076
	1.6519	1.8748	1.9308	1.6172	1.7324	2.0753	1.7886	3.0254
9	1.0119	1.0033	1.0666	1.0517	1.1912	1.0158	0.9180	0.4196
	1.8748	1.8689	1.7681	1.7951	1.5850	1.8545	1.8270	3.2581
10	0.9784	1.0664	0.8241	1.1164	1.0725	1.1555	0.7779	
	1.9308	1.7685	1.9889	1.6797	1.7534	1.6233	2.4193	
11	1.1663	1.0481	1.1141	0.9822	1.1219	1.1578	0.6569	
	1.6172	1.8012	1.6831	1.8979	1.6651	1.6100	2.8353	
12	1.0905	1.1844	1.0693	1.1204	1.1279	0.7706		
	1.7324	1.5941	1.7586	1.6673	1.6527	2.4064		
13	0.9112	1.0105	1.1522	1.1555	0.7690			
	2.0753	1.8643	1.6279	1.6130	2.4112			
14	0.7884	0.9143	0.7749	0.6542				
	1.7886	1.8317	2.4287	2.8469				
15	0.4076	0.4145	F-SUB-Q					
	3.0254	3.2972	M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3540	1.1479	1.1267	1.3967	1.2558	1.0349	0.9426	0.4825
	1.4791	1.7471	1.7778	1.4252	1.5863	1.9279	1.5782	2.7705
9	1.1479	1.1567	1.2863	1.2104	1.4228	1.1694	1.0947	0.4904
	1.7471	1.6952	1.5562	1.6479	1.3987	1.7000	1.6181	3.0355
10	1.1267	1.2860	0.9484	1.3370	1.2345	1.3675	0.8855	
	1.7778	1.5564	1.8138	1.4851	1.6053	1.4391	2.2533	
11	1.3967	1.2059	1.3341	1.1323	1.3423	1.3738	0.7299	
	1.4252	1.6543	1.4884	1.7301	1.4605	1.4185	2.6760	
12	1.2558	1.4138	1.2306	1.3404	1.3327	0.8599		
	1.5863	1.4079	1.6105	1.4626	1.4652	2.2528		
13	1.0349	1.1626	1.3634	1.3711	0.8587			
	1.9279	1.7101	1.4432	1.4212	2.2560			
14	0.9426	1.0903	0.8817	0.7267				
	1.5782	1.6224	2.2631	2.6879				
15	0.4825	0.4842	F-SUB-Q					
	2.7705	3.0756	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4607	* 1.2299	* 1.2204	* 1.5259	* 1.3505	* 1.1201	* 1.0769	* 0.5720 *
	* 1.4692	* 1.7605	* 1.7715	* 1.3974	* 1.5791	* 1.9227	* 1.5640	* 2.7531 *
9	* 1.2299	* 1.2690	* 1.4272	* 1.3056	* 1.5545	* 1.2581	* 1.2035	* 0.5629 *
	* 1.7605	* 1.6656	* 1.5049	* 1.6409	* 1.3702	* 1.6955	* 1.6025	* 3.0019 *
10	* 1.2204	* 1.4268	* 1.0842	* 1.4779	* 1.3333	* 1.4814	* 0.9659 *	
	* 1.7715	* 1.5052	* 1.7831	* 1.4519	* 1.5927	* 1.4099	* 2.2259 *	
11	* 1.5259	* 1.3005	* 1.4746	* 1.2245	* 1.4694	* 1.4845	* 0.7876 *	
	* 1.3974	* 1.6477	* 1.4554	* 1.7050	* 1.4187	* 1.3878	* 2.6338 *	
12	* 1.3505	* 1.5440	* 1.3289	* 1.4674	* 1.4520	* 0.9308 *		
	* 1.5791	* 1.3798	* 1.5981	* 1.4215	* 1.4247	* 2.1970 *		
13	* 1.1201	* 1.2504	* 1.4758	* 1.4817	* 0.9297 *			
	* 1.9227	* 1.7063	* 1.4140	* 1.3905	* 2.1996 *			
14	* 1.0769	* 1.1987	* 0.9620	* 0.7845 *				
	* 1.5640	* 1.6068	* 2.2344	* 2.6444 *				
15	* 0.5720	* 0.5571	* F-SUB-Q					
	* 2.7531	* 3.0396	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5472	* 1.3045	* 1.3044	* 1.6335	* 1.4303	* 1.1995	* 1.2476	* 0.6997 *
	* 1.5017	* 1.8109	* 1.8074	* 1.4128	* 1.6127	* 1.9372	* 1.5918	* 2.8126 *
9	* 1.3045	* 1.3909	* 1.5584	* 1.3885	* 1.6635	* 1.3340	* 1.3279	* 0.6673 *
	* 1.8109	* 1.6565	* 1.4822	* 1.6754	* 1.3849	* 1.7311	* 1.6237	* 3.0502 *
10	* 1.3044	* 1.5581	* 1.2483	* 1.6062	* 1.4198	* 1.5761	* 1.0367 *	
	* 1.8074	* 1.4826	* 1.7739	* 1.4531	* 1.6206	* 1.4219	* 2.2228 *	
11	* 1.6335	* 1.3832	* 1.6025	* 1.3097	* 1.5741	* 1.5680	* 0.8339 *	
	* 1.4128	* 1.6827	* 1.4565	* 1.7248	* 1.4234	* 1.4016	* 2.6661 *	
12	* 1.4303	* 1.6526	* 1.4150	* 1.5719	* 1.5482	* 0.9916 *		
	* 1.6127	* 1.3933	* 1.6265	* 1.4263	* 1.4286	* 2.1955 *		
13	* 1.1995	* 1.3256	* 1.5700	* 1.5652	* 0.9903 *			
	* 1.9372	* 1.7410	* 1.4262	* 1.4043	* 2.1983 *			
14	* 1.2476	* 1.3238	* 1.0325	* 0.8306 *				
	* 1.5918	* 1.6282	* 2.2315	* 2.6769 *				
15	* 0.6997	* 0.6583	* F-SUB-Q					
	* 2.8126	* 3.0910	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 113 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6486	* 1.3815	* 1.3884	* 1.7524	* 1.5132	* 1.2658	* 1.4820	* 0.8123
	* 1.5091	* 1.8027	* 1.7894	* 1.4093	* 1.6320	* 1.9369	* 1.5942	* 2.8644
9	* 1.3815	* 1.5082	* 1.7018	* 1.4799	* 1.7867	* 1.4129	* 1.4706	* 0.7509
	* 1.8027	* 1.6359	* 1.4429	* 1.6666	* 1.3793	* 1.7394	* 1.6212	* 3.1195
10	* 1.3884	* 1.7013	* 1.3962	* 1.7434	* 1.5078	* 1.6830	* 1.0932	*
	* 1.7894	* 1.4433	* 1.7538	* 1.4143	* 1.6355	* 1.4319	* 2.2322	*
11	* 1.7524	* 1.4774	* 1.7394	* 1.3997	* 1.6905	* 1.6624	* 0.8647	*
	* 1.4093	* 1.6695	* 1.4176	* 1.7526	* 1.4270	* 1.4153	* 2.7621	*
12	* 1.5132	* 1.7775	* 1.5026	* 1.6881	* 1.6511	* 1.0295	*	*
	* 1.6320	* 1.3861	* 1.6413	* 1.4299	* 1.4280	* 2.2595	*	*
13	* 1.2658	* 1.4036	* 1.6764	* 1.6594	* 1.0288	*	*	*
	* 1.9369	* 1.7510	* 1.4362	* 1.4180	* 2.2613	*	*	*
14	* 1.4820	* 1.4663	* 1.0889	* 0.8615	*	*	*	*
	* 1.5942	* 1.6259	* 2.2411	* 2.7728	*	*	*	*
15	* 0.8123	* 0.7421	* F-SUB-Q					
	* 2.8644	* 3.1560	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7083	* 1.4291	* 1.4422	* 1.8241	* 1.5650	* 1.3092	* 1.5643	* 0.8645
	* 1.5246	* 1.8247	* 1.8035	* 1.4165	* 1.6502	* 1.9677	* 1.6253	* 2.9218
9	* 1.4291	* 1.5776	* 1.7953	* 1.5451	* 1.8627	* 1.4607	* 1.5428	* 0.7970
	* 1.8247	* 1.6488	* 1.4440	* 1.6782	* 1.3826	* 1.7577	* 1.6524	* 3.1764
10	* 1.4422	* 1.7948	* 1.4691	* 1.8249	* 1.5628	* 1.7463	* 1.1327	*
	* 1.8035	* 1.4445	* 1.7677	* 1.4136	* 1.6500	* 1.4655	* 2.2592	*
11	* 1.8241	* 1.5425	* 1.8209	* 1.4616	* 1.7628	* 1.7183	* 0.8907	*
	* 1.4165	* 1.6811	* 1.4168	* 1.7684	* 1.4504	* 1.4652	* 2.8507	*
12	* 1.5650	* 1.8536	* 1.5573	* 1.7604	* 1.7166	* 1.0655	*	*
	* 1.6502	* 1.3896	* 1.6559	* 1.4525	* 1.4669	* 2.3340	*	*
13	* 1.3092	* 1.4510	* 1.7393	* 1.7154	* 1.0650	*	*	*
	* 1.9677	* 1.7697	* 1.4707	* 1.4678	* 2.3353	*	*	*
14	* 1.5643	* 1.5384	* 1.1282	* 0.8874	*	*	*	*
	* 1.6253	* 1.6573	* 2.2683	* 2.8613	*	*	*	*
15	* 0.8645	* 0.7876	* F-SUB-Q					
	* 2.9218	* 3.2141	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7827	1.4765	1.4921	1.9061	1.6170	1.3466	1.6315	0.8925
	1.5362	1.8575	1.8334	1.4243	1.6771	2.0077	1.6377	2.9870
9	1.4765	1.6387	1.8873	1.6004	1.9503	1.5076	1.6069	0.8155
	1.8575	1.6691	1.4442	1.7032	1.3852	1.7875	1.6629	3.2711
10	1.4921	1.8867	1.5250	1.9111	1.6151	1.8218	1.1551	
	1.8334	1.4446	1.7902	1.4185	1.6722	1.4670	2.3237	
11	1.9061	1.5977	1.9069	1.5141	1.8454	1.7853	0.9026	
	1.4243	1.7062	1.4217	1.7941	1.4465	1.4790	2.9371	
12	1.6170	1.9406	1.6093	1.8430	1.7880	1.0852		
	1.6771	1.3924	1.6783	1.4484	1.4764	2.4313		
13	1.3466	1.4972	1.8145	1.7825	1.0849			
	2.0077	1.8000	1.4724	1.4815	2.4320			
14	1.6315	1.6023	1.1502	0.8988				
	1.6377	1.6676	2.3336	2.9496				
15	0.8925	0.8058	F-SUB-Q					
	2.9870	3.3102	M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7490	1.4839	1.4885	1.8753	1.6030	1.3543	1.6021	0.8963
	1.6438	1.9466	1.9328	1.5185	1.7735	2.0974	1.7565	3.1314
9	1.4839	1.6460	1.8579	1.5918	1.9185	1.4919	1.5774	0.8334
	1.9466	1.7534	1.5443	1.7990	1.4759	1.8894	1.7842	3.3694
10	1.4885	1.8573	1.5167	1.8818	1.6040	1.7887	1.1691	
	1.9328	1.5447	1.8949	1.5090	1.7652	1.5659	2.4034	
11	1.8753	1.5892	1.8777	1.5067	1.8155	1.7563	0.9239	
	1.5185	1.8023	1.5125	1.8882	1.5448	1.5810	3.0104	
12	1.6030	1.9087	1.5982	1.8132	1.7694	1.1152		
	1.7735	1.4836	1.7717	1.5468	1.5790	2.4916		
13	1.3543	1.4818	1.7815	1.7536	1.1144			
	2.0974	1.9025	1.5723	1.5835	2.4934			
14	1.6021	1.5729	1.1645	0.9205				
	1.7565	1.7893	2.4130	3.0215				
15	0.8963	0.8230	F-SUB-Q					
	3.1314	3.4118	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8230	* 1.4997	* 1.5193	* 1.9547	* 1.6440	* 1.3588	* 1.6533	* 0.9022 *
	* 1.6558	* 2.0139	* 1.9859	* 1.5396	* 1.8258	* 2.1968	* 1.7838	* 3.2580 *
9	* 1.4997	* 1.6769	* 1.9421	* 1.6313	* 2.0041	* 1.5285	* 1.6290	* 0.8272 *
	* 2.0139	* 1.8019	* 1.5538	* 1.8498	* 1.4922	* 1.9433	* 1.8086	* 3.5541 *
10	* 1.5193	* 1.9416	* 1.5549	* 1.9634	* 1.6443	* 1.8641	* 1.1699	*
	* 1.9859	* 1.5543	* 1.9449	* 1.5281	* 1.8195	* 1.5857	* 2.5236	*
11	* 1.9547	* 1.6288	* 1.9590	* 1.5441	* 1.8971	* 1.8248	* 0.9166	*
	* 1.5396	* 1.8528	* 1.5315	* 1.9452	* 1.5644	* 1.6098	* 3.2023	*
12	* 1.6440	* 1.9943	* 1.6383	* 1.8949	* 1.8448	* 1.1122	*	*
	* 1.8258	* 1.4997	* 1.8261	* 1.5663	* 1.5954	* 2.6457	*	*
13	* 1.3588	* 1.5178	* 1.8566	* 1.8222	* 1.1122	*	*	*
	* 2.1968	* 1.9571	* 1.5920	* 1.6120	* 2.6458	*	*	*
14	* 1.6533	* 1.6244	* 1.1653	* 0.9135	*	*	*	*
	* 1.7838	* 1.8137	* 2.5335	* 3.2131	*	*	*	*
15	* 0.9022	* 0.8178	* F-SUB-Q					
	* 3.2580	* 3.5945	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8258	* 1.4998	* 1.5204	* 1.9620	* 1.6440	* 1.3579	* 1.6474	* 0.8985 *
	* 1.6474	* 2.0053	* 1.9758	* 1.5314	* 1.8291	* 2.2195	* 1.8445	* 3.3881 *
9	* 1.4998	* 1.6854	* 1.9515	* 1.6334	* 2.0121	* 1.5263	* 1.6239	* 0.8273 *
	* 2.0053	* 1.7860	* 1.5412	* 1.8401	* 1.4939	* 1.9726	* 1.8669	* 3.6765 *
10	* 1.5204	* 1.9510	* 1.5567	* 1.9722	* 1.6459	* 1.8691	* 1.1689	*
	* 1.9758	* 1.5416	* 1.9342	* 1.5226	* 1.8239	* 1.6085	* 2.5821	*
11	* 1.9620	* 1.6308	* 1.9678	* 1.5471	* 1.9081	* 1.8305	* 0.9187	*
	* 1.5314	* 1.8431	* 1.5260	* 1.9388	* 1.5698	* 1.6378	* 3.2698	*
12	* 1.6440	* 2.0022	* 1.6399	* 1.9059	* 1.8588	* 1.1198	*	*
	* 1.8291	* 1.5013	* 1.8307	* 1.5716	* 1.6097	* 2.6725	*	*
13	* 1.3579	* 1.5154	* 1.8617	* 1.8281	* 1.1199	*	*	*
	* 2.2195	* 1.9868	* 1.6149	* 1.6401	* 2.6724	*	*	*
14	* 1.6474	* 1.6193	* 1.1643	* 0.9156	*	*	*	*
	* 1.8445	* 1.8723	* 2.5924	* 3.2809	*	*	*	*
15	* 0.8984	* 0.8184	* F-SUB-Q					
	* 3.3881	* 3.7163	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 116 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7793	1.4951	1.5009	1.9179	1.6143	1.3516	1.6045	0.8865
	1.6756	1.9926	1.9841	1.5536	1.8464	2.2104	1.8815	3.4097
9	1.4951	1.6730	1.9079	1.6069	1.9686	1.4993	1.5823	0.8261
	1.9926	1.7833	1.5629	1.8531	1.5143	1.9889	1.9039	3.6569
10	1.5009	1.9073	1.5313	1.9296	1.6194	1.8268	1.1630	
	1.9841	1.5634	1.9467	1.5423	1.8359	1.6313	2.5716	
11	1.9179	1.6043	1.9254	1.5236	1.8691	1.7941	0.9230	
	1.5536	1.8562	1.5458	1.9478	1.5861	1.6538	3.2146	
12	1.6143	1.9582	1.6135	1.8670	1.8231	1.1311		
	1.8464	1.5221	1.8426	1.5877	1.6229	2.6119		
13	1.3516	1.4903	1.8195	1.7918	1.1306			
	2.2104	2.0008	1.6373	1.6559	2.6129			
14	1.6045	1.5778	1.1584	0.9198				
	1.8815	1.9093	2.5818	3.2259				
15	0.8865	0.8155	F-SUB-Q					
	3.4097	3.7037	M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8209	1.4816	1.5081	1.9649	1.6301	1.3322	1.6307	0.8792
	1.6140	1.9810	1.9434	1.4942	1.8013	2.2074	1.8143	3.3565
9	1.4816	1.6770	1.9589	1.6214	2.0198	1.5113	1.6097	0.8073
	1.9810	1.7510	1.4984	1.8086	1.4544	1.9441	1.8358	3.6524
10	1.5081	1.9584	1.5458	1.9796	1.6352	1.8740	1.1468	
	1.9434	1.4988	1.8965	1.4813	1.7904	1.5644	2.5641	
11	1.9649	1.6188	1.9754	1.5394	1.9224	1.8396	0.9041	
	1.4942	1.8116	1.4843	1.8973	1.5183	1.5878	3.2212	
12	1.6301	2.0098	1.6291	1.9203	1.8843	1.1152		
	1.8013	1.4615	1.7969	1.5197	1.5456	2.6052		
13	1.3322	1.5002	1.8670	1.8375	1.1153			
	2.2074	1.9583	1.5683	1.5896	2.6051			
14	1.6307	1.6051	1.1421	0.9012				
	1.8143	1.8410	2.5744	3.2312				
15	0.8792	0.7979	F-SUB-Q					
	3.3565	3.6946	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8184	* 1.4700	* 1.5010	* 1.9677	* 1.6222	* 1.3177	* 1.6245	* 0.8689 *
	* 1.5412	* 1.9004	* 1.8623	* 1.4284	* 1.7298	* 2.1235	* 1.7350	* 3.2217 *
9	* 1.4700	* 1.6702	* 1.9640	* 1.6140	* 2.0248	* 1.5034	* 1.6045	* 0.7963 *
	* 1.9004	* 1.6785	* 1.4294	* 1.7354	* 1.3897	* 1.8651	* 1.7547	* 3.5131 *
10	* 1.5010	* 1.9635	* 1.5393	* 1.9843	* 1.6285	* 1.8787	* 1.1334 *	
	* 1.8623	* 1.4298	* 1.8169	* 1.4153	* 1.7202	* 1.4933	* 2.4686 *	
11	* 1.9677	* 1.6114	* 1.9802	* 1.5345	* 1.9313	* 1.8460	* 0.8936 *	
	* 1.4284	* 1.7381	* 1.4180	* 1.8194	* 1.4496	* 1.5179	* 3.1087 *	
12	* 1.6222	* 2.0147	* 1.6224	* 1.9295	* 1.8993	* 1.1079 *		
	* 1.7298	* 1.3962	* 1.7262	* 1.4507	* 1.4722	* 2.5088 *		
13	* 1.3177	* 1.4922	* 1.8740	* 1.8440	* 1.1082 *			
	* 2.1235	* 1.8785	* 1.4968	* 1.5194	* 2.5080 *			
14	* 1.6245	* 1.6000	* 1.1287	* 0.8900 *				
	* 1.7350	* 1.7595	* 2.4783	* 3.1207 *				
15	* 0.8689	* 0.7852	* F-SUB-Q					
	* 3.2217	* 3.5619	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7920	* 1.4555	* 1.4811	* 1.9440	* 1.6015	* 1.3043	* 1.6026	* 0.8578 *
	* 1.5019	* 1.8449	* 1.8124	* 1.3880	* 1.6823	* 2.0617	* 1.6828	* 3.1198 *
9	* 1.4555	* 1.6557	* 1.9399	* 1.5939	* 2.0016	* 1.4834	* 1.5832	* 0.7889 *
	* 1.8449	* 1.6253	* 1.3891	* 1.6874	* 1.3498	* 1.8146	* 1.7026	* 3.3911 *
10	* 1.4811	* 1.9393	* 1.5190	* 1.9615	* 1.6091	* 1.8582	* 1.1228 *	
	* 1.8124	* 1.3894	* 1.7676	* 1.3748	* 1.6726	* 1.4508	* 2.3905 *	
11	* 1.9440	* 1.5912	* 1.9574	* 1.5161	* 1.9106	* 1.8272	* 0.8879 *	
	* 1.3880	* 1.6902	* 1.3776	* 1.7695	* 1.4087	* 1.4744	* 3.0073 *	
12	* 1.6015	* 1.9914	* 1.6030	* 1.9089	* 1.8806	* 1.1039 *		
	* 1.6823	* 1.3564	* 1.6786	* 1.4098	* 1.4304	* 2.4234 *		
13	* 1.3043	* 1.4721	* 1.8535	* 1.8253	* 1.1041 *			
	* 2.0617	* 1.8279	* 1.4542	* 1.4758	* 2.4228 *			
14	* 1.6026	* 1.5787	* 1.1182	* 0.8851 *				
	* 1.6828	* 1.7072	* 2.4000	* 3.0163 *				
15	* 0.8578	* 0.7797	* F-SUB-Q					
	* 3.1198	* 3.4301	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 118 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7256	* 1.4427	* 1.4517	* 1.8813	* 1.5611	* 1.2963	* 1.5535	* 0.8455
	* 1.5120	* 1.8049	* 1.7957	* 1.3898	* 1.6727	* 2.0099	* 1.6781	* 3.0591
9	* 1.4427	* 1.6311	* 1.8746	* 1.5554	* 1.9374	* 1.4529	* 1.5342	* 0.7899
	* 1.8049	* 1.5992	* 1.3931	* 1.6765	* 1.3513	* 1.7973	* 1.6989	* 3.2736
10	* 1.4517	* 1.8739	* 1.4815	* 1.8989	* 1.5711	* 1.7987	* 1.1155	*
	* 1.7957	* 1.3935	* 1.7572	* 1.3763	* 1.6609	* 1.4524	* 2.3300	*
11	* 1.8813	* 1.5526	* 1.8945	* 1.4806	* 1.8502	* 1.7736	* 0.8896	*
	* 1.3898	* 1.6794	* 1.3794	* 1.7575	* 1.4105	* 1.4723	* 2.9099	*
12	* 1.5611	* 1.9269	* 1.5650	* 1.8485	* 1.8196	* 1.1075	*	*
	* 1.6727	* 1.3582	* 1.6671	* 1.4116	* 1.4337	* 2.3436	*	*
13	* 1.2963	* 1.4436	* 1.7940	* 1.7717	* 1.1075	*	*	*
	* 2.0099	* 1.8083	* 1.4559	* 1.4737	* 2.3436	*	*	*
14	* 1.5535	* 1.5298	* 1.1110	* 0.8866	*	*	*	*
	* 1.6781	* 1.7036	* 2.3390	* 2.9192	*	*	*	*
15	* 0.8455	* 0.7793	* F-SUB-Q					
	* 3.0591	* 3.3173	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7578	* 1.4177	* 1.4480	* 1.9201	* 1.5693	* 1.2668	* 1.5833	* 0.8369
	* 1.4354	* 1.7764	* 1.7398	* 1.3183	* 1.6127	* 1.9941	* 1.6021	* 3.0098
9	* 1.4177	* 1.6220	* 1.9153	* 1.5596	* 1.9797	* 1.4540	* 1.5643	* 0.7682
	* 1.7764	* 1.5547	* 1.3190	* 1.6189	* 1.2814	* 1.7419	* 1.6214	* 3.2788
10	* 1.4480	* 1.9147	* 1.4858	* 1.9392	* 1.5773	* 1.8422	* 1.0926	*
	* 1.7398	* 1.3194	* 1.6964	* 1.3057	* 1.6044	* 1.3774	* 2.3143	*
11	* 1.9201	* 1.5566	* 1.9347	* 1.4857	* 1.8929	* 1.8127	* 0.8623	*
	* 1.3183	* 1.6218	* 1.3085	* 1.6984	* 1.3379	* 1.3999	* 2.9251	*
12	* 1.5693	* 1.9687	* 1.5709	* 1.8911	* 1.8683	* 1.0775	*	*
	* 1.6127	* 1.2882	* 1.6107	* 1.3390	* 1.3563	* 2.3430	*	*
13	* 1.2668	* 1.4423	* 1.8373	* 1.8108	* 1.0779	*	*	*
	* 1.9941	* 1.7556	* 1.3809	* 1.4013	* 2.3420	*	*	*
14	* 1.5833	* 1.5597	* 1.0879	* 0.8589	*	*	*	*
	* 1.6021	* 1.6261	* 2.3242	* 2.9364	*	*	*	*
15	* 0.8369	* 0.7571	* F-SUB-Q					
	* 3.0098	* 3.3257	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 119 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7146	* 1.3841	* 1.4145	* 1.8801	* 1.5366	* 1.2395	* 1.5602	* 0.8225 *
	* 1.4093	* 1.7433	* 1.7060	* 1.2889	* 1.5775	* 1.9521	* 1.5549	* 2.9369 *
9	* 1.3841	* 1.5864	* 1.8726	* 1.5245	* 1.9402	* 1.4254	* 1.5408	* 0.7556 *
	* 1.7433	* 1.5225	* 1.2916	* 1.5862	* 1.2518	* 1.7016	* 1.5745	* 3.1969 *
10	* 1.4145	* 1.8719	* 1.4515	* 1.8990	* 1.5444	* 1.8082	* 1.0712	*
	* 1.7060	* 1.2921	* 1.6634	* 1.2764	* 1.5695	* 1.3432	* 2.2598	*
11	* 1.8801	* 1.5215	* 1.8941	* 1.4526	* 1.8546	* 1.7822	* 0.8438	*
	* 1.2889	* 1.5893	* 1.2796	* 1.6640	* 1.3078	* 1.3630	* 2.8638	*
12	* 1.5366	* 1.9288	* 1.5378	* 1.8525	* 1.8310	* 1.0558	*	*
	* 1.5775	* 1.2590	* 1.5760	* 1.3090	* 1.3253	* 2.2910	*	*
13	* 1.2395	* 1.4135	* 1.8032	* 1.7802	* 1.0562	*	*	*
	* 1.9521	* 1.7155	* 1.3469	* 1.3645	* 2.2900	*	*	*
14	* 1.5602	* 1.5360	* 1.0664	* 0.8405	*	*	*	*
	* 1.5549	* 1.5793	* 2.2698	* 2.8749	*	*	*	*
15	* 0.8225	* 0.7438	* F-SUB-Q					
	* 2.9369	* 3.2468	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6411	* 1.3396	* 1.3627	* 1.8022	* 1.4845	* 1.2036	* 1.5162	* 0.8019 *
	* 1.4186	* 1.7364	* 1.7076	* 1.2954	* 1.5735	* 1.9396	* 1.5419	* 2.9065 *
9	* 1.3396	* 1.5284	* 1.7868	* 1.4692	* 1.8576	* 1.3800	* 1.4957	* 0.7507 *
	* 1.7364	* 1.5232	* 1.3043	* 1.5871	* 1.2591	* 1.6939	* 1.5632	* 3.1049 *
10	* 1.3627	* 1.7858	* 1.3977	* 1.8191	* 1.4910	* 1.7336	* 1.0415	*
	* 1.7076	* 1.3050	* 1.6661	* 1.2838	* 1.5669	* 1.3497	* 2.2414	*
11	* 1.8022	* 1.4659	* 1.8140	* 1.3990	* 1.7740	* 1.7146	* 0.8170	*
	* 1.2954	* 1.5904	* 1.2873	* 1.6662	* 1.3171	* 1.3647	* 2.8535	*
12	* 1.4845	* 1.8452	* 1.4844	* 1.7717	* 1.7435	* 1.0293	*	*
	* 1.5735	* 1.2674	* 1.5737	* 1.3187	* 1.3410	* 2.2658	*	*
13	* 1.2036	* 1.3681	* 1.7282	* 1.7124	* 1.0297	*	*	*
	* 1.9396	* 1.7083	* 1.3538	* 1.3664	* 2.2649	*	*	*
14	* 1.5162	* 1.4906	* 1.0366	* 0.8137	*	*	*	*
	* 1.5419	* 1.5684	* 2.2518	* 2.8649	*	*	*	*
15	* 0.8019	* 0.7262	* F-SUB-Q					
	* 2.9065	* 3.2093	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5207	* 1.2733	* 1.2816	* 1.6662	* 1.3999	* 1.1474	* 1.4304	* 0.7645 *
	* 1.4874	* 1.7751	* 1.7643	* 1.3603	* 1.6208	* 1.9780	* 1.5886	* 2.9672 *
9	* 1.2733	* 1.4389	* 1.6377	* 1.3823	* 1.7103	* 1.3051	* 1.4092	* 0.7129 *
	* 1.7751	* 1.5715	* 1.3818	* 1.6387	* 1.3278	* 1.7406	* 1.6126	* 3.1816 *
10	* 1.2816	* 1.6367	* 1.3128	* 1.6784	* 1.4040	* 1.6010	* 0.9923 *	
	* 1.7643	* 1.3826	* 1.7234	* 1.3509	* 1.6165	* 1.4197	* 2.2878 *	
11	* 1.6662	* 1.3790	* 1.6730	* 1.3127	* 1.6280	* 1.5916	* 0.7742 *	
	* 1.3603	* 1.6425	* 1.3551	* 1.7254	* 1.3937	* 1.4278	* 2.9296 *	
12	* 1.3999	* 1.6983	* 1.3976	* 1.6255	* 1.6195	* 0.9652 *		
	* 1.6208	* 1.3371	* 1.6237	* 1.3958	* 1.4018	* 2.3488 *		
13	* 1.1474	* 1.2938	* 1.5929	* 1.5892	* 0.9653 *			
	* 1.9780	* 1.7556	* 1.4269	* 1.4299	* 2.3485 *			
14	* 1.4304	* 1.4041	* 0.9875	* 0.7708 *				
	* 1.5886	* 1.6182	* 2.2989	* 2.9422 *				
15	* 0.7645	* 0.6943	* F-SUB-Q					
	* 2.9672	* 3.2671	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3680	* 1.1622	* 1.1622	* 1.4759	* 1.2754	* 1.0499	* 1.2921	* 0.6925 *
	* 1.6188	* 1.9045	* 1.9045	* 1.5027	* 1.7412	* 2.1163	* 1.7225	* 3.2127 *
9	* 1.1622	* 1.2986	* 1.4452	* 1.2550	* 1.5151	* 1.1916	* 1.2703	* 0.6490 *
	* 1.9045	* 1.7042	* 1.5319	* 1.7662	* 1.4663	* 1.8665	* 1.7521	* 3.4286 *
10	* 1.1622	* 1.4449	* 1.1875	* 1.4826	* 1.2752	* 1.4205	* 0.9035 *	
	* 1.9045	* 1.5322	* 1.8645	* 1.4961	* 1.7416	* 1.5661	* 2.4622 *	
11	* 1.4759	* 1.2521	* 1.4778	* 1.1851	* 1.4292	* 1.4143	* 0.7046 *	
	* 1.5027	* 1.7702	* 1.5009	* 1.8704	* 1.5534	* 1.5721	* 3.1552 *	
12	* 1.2754	* 1.5048	* 1.2696	* 1.4269	* 1.4329	* 0.8688 *		
	* 1.7412	* 1.4762	* 1.7492	* 1.5559	* 1.5502	* 2.5558 *		
13	* 1.0499	* 1.1817	* 1.4135	* 1.4119	* 0.8686 *			
	* 2.1163	* 1.8821	* 1.5738	* 1.5747	* 2.5563 *			
14	* 1.2921	* 1.2657	* 0.8991	* 0.7013 *				
	* 1.7225	* 1.7584	* 2.4742	* 3.1699 *				
15	* 0.6925	* 0.6331	* F-SUB-Q					
	* 3.2127	* 3.5146	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 275 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1355	* 0.9572	* 0.9430	* 1.1779	* 1.0438	* 0.8569	* 1.0128	* 0.5493
	* 1.9210	* 2.2790	* 2.3129	* 1.8544	* 2.0961	* 2.5569	* 2.1669	* 3.9998
9	* 0.9572	* 1.0578	* 1.1650	* 1.0207	* 1.2238	* 0.9723	* 0.9998	* 0.5197
	* 2.2790	* 2.0619	* 1.8718	* 2.1393	* 1.7876	* 2.2546	* 2.1954	* 4.2285
10	* 0.9430	* 1.1646	* 0.9613	* 1.1819	* 1.0337	* 1.1383	* 0.7267	*
	* 2.3129	* 1.8724	* 2.2695	* 1.8482	* 2.1164	* 1.9255	* 3.0192	*
11	* 1.1779	* 1.0186	* 1.1790	* 0.9565	* 1.1388	* 1.1062	* 0.5742	*
	* 1.8544	* 2.1435	* 1.8527	* 2.2832	* 1.9199	* 1.9802	* 3.8206	*
12	* 1.0438	* 1.2174	* 1.0296	* 1.1374	* 1.1164	* 0.7020	*	*
	* 2.0961	* 1.7969	* 2.1248	* 1.9223	* 1.9596	* 3.1199	*	*
13	* 0.8569	* 0.9649	* 1.1337	* 1.1043	* 0.7015	*	*	*
	* 2.5569	* 2.2718	* 1.9333	* 1.9836	* 3.1218	*	*	*
14	* 1.0128	* 0.9962	* 0.7234	* 0.5714	*	*	*	*
	* 2.1669	* 2.2033	* 3.0330	* 3.8391	*	*	*	*
15	* 0.5493	* 0.5105	* F-SUB-Q					
	* 3.9998	* 4.3040	* M-SUB-Q					

AT 75% POWER, 275 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4987	* 0.4474	* 0.4597	* 0.5334	* 0.4839	* 0.4154	* 0.4168	* 0.2532
	* 4.3288	* 4.8260	* 4.6964	* 4.0507	* 4.4728	* 5.2232	* 5.2165	* 8.6011
9	* 0.4474	* 0.4844	* 0.5272	* 0.4792	* 0.5284	* 0.4488	* 0.4099	* 0.2375
	* 4.8260	* 4.4555	* 4.0941	* 4.5090	* 4.0961	* 4.8337	* 5.3032	* 9.1721
10	* 0.4597	* 0.5272	* 0.4682	* 0.5339	* 0.4794	* 0.4836	* 0.3401	*
	* 4.6964	* 4.0927	* 4.6116	* 4.0479	* 4.5157	* 4.4862	* 6.3919	*
11	* 0.5334	* 0.4784	* 0.5331	* 0.4639	* 0.5090	* 0.4559	* 0.2648	*
	* 4.0507	* 4.5166	* 4.0532	* 4.6598	* 4.2529	* 4.7566	* 8.2084	*
12	* 0.4839	* 0.5259	* 0.4776	* 0.5084	* 0.4683	* 0.3303	*	*
	* 4.4728	* 4.1160	* 4.5318	* 4.2581	* 4.6258	* 6.5678	*	*
13	* 0.4154	* 0.4459	* 0.4816	* 0.4551	* 0.3299	*	*	*
	* 5.2232	* 4.8655	* 4.5047	* 4.7657	* 6.5749	*	*	*
14	* 0.4168	* 0.4083	* 0.3386	* 0.2635	*	*	*	*
	* 5.2165	* 5.3239	* 6.4200	* 8.2490	*	*	*	*
15	* 0.2532	* 0.2364	* F-SUB-Q					
	* 8.6011	* 9.2123	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6297	* 0.5844	* 0.5730	* 0.6585	* 0.6109	* 0.5117	* 0.3771	* 0.2063
	* 3.2127	* 3.4595	* 3.5204	* 3.0738	* 3.3161	* 3.9416	* 4.3471	* 6.7880
9	* 0.5844	* 0.5685	* 0.6132	* 0.5979	* 0.6514	* 0.5623	* 0.4500	* 0.2227
	* 3.4595	* 3.5517	* 3.2816	* 3.3827	* 3.1093	* 3.5966	* 4.4536	* 7.2082
10	* 0.5730	* 0.6131	* 0.4613	* 0.6323	* 0.6014	* 0.6077	* 0.4189	*
	* 3.5204	* 3.2821	* 3.9026	* 3.1903	* 3.3652	* 3.3331	* 4.8064	*
11	* 0.6585	* 0.5964	* 0.6314	* 0.5818	* 0.6441	* 0.5919	* 0.3640	*
	* 3.0738	* 3.3912	* 3.1945	* 3.4763	* 3.1449	* 3.4253	* 5.5352	*
12	* 0.6109	* 0.6488	* 0.6001	* 0.6436	* 0.6087	* 0.4484	*	*
	* 3.3161	* 3.1216	* 3.3722	* 3.1469	* 3.3303	* 4.5083	*	*
13	* 0.5117	* 0.5602	* 0.6062	* 0.5910	* 0.4466	*	*	*
	* 3.9416	* 3.6096	* 3.3410	* 3.4303	* 4.5263	*	*	*
14	* 0.3771	* 0.4486	* 0.4177	* 0.3627	*	*	*	*
	* 4.3471	* 4.4628	* 4.8197	* 5.5543	*	*	*	*
15	* 0.2063	* 0.2209	* F-SUB-Q					
	* 6.7881	* 7.2587	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2265	* 1.0578	* 1.0271	* 1.2438	* 1.1406	* 0.9266	* 0.7643	* 0.3936
	* 1.7041	* 1.9752	* 2.0282	* 1.6794	* 1.8341	* 2.2489	* 2.1627	* 3.6582
9	* 1.0578	* 1.0498	* 1.1547	* 1.1005	* 1.2827	* 1.0550	* 0.9156	* 0.4170
	* 1.9752	* 1.9824	* 1.7978	* 1.8982	* 1.6303	* 1.9789	* 2.2008	* 3.9340
10	* 1.0271	* 1.1544	* 0.8427	* 1.1960	* 1.1234	* 1.2196	* 0.7795	*
	* 2.0282	* 1.7981	* 2.2184	* 1.7392	* 1.8598	* 1.7148	* 2.6682	*
11	* 1.2438	* 1.0975	* 1.1943	* 1.0570	* 1.2290	* 1.2087	* 0.6795	*
	* 1.6794	* 1.9033	* 1.7415	* 1.9738	* 1.6992	* 1.7293	* 3.0606	*
12	* 1.1406	* 1.2770	* 1.1209	* 1.2280	* 1.2276	* 0.8184	*	*
	* 1.8341	* 1.6374	* 1.8635	* 1.7005	* 1.7022	* 2.5474	*	*
13	* 0.9266	* 1.0506	* 1.2173	* 1.2070	* 0.8163	*	*	*
	* 2.2489	* 1.9869	* 1.7178	* 1.7317	* 2.5536	*	*	*
14	* 0.7643	* 0.9129	* 0.7771	* 0.6772	*	*	*	*
	* 2.1627	* 2.2050	* 2.6760	* 3.0706	*	*	*	*
15	* 0.3936	* 0.4104	* F-SUB-Q					
	* 3.6582	* 3.9908	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4236	* 1.2066	* 1.1960	* 1.4751	* 1.3216	* 1.0956	* 0.9200	* 0.4817
	* 1.5163	* 1.7893	* 1.8002	* 1.4606	* 1.6329	* 1.9692	* 1.8702	* 3.1240
9	* 1.2066	* 1.2091	* 1.3645	* 1.2837	* 1.5077	* 1.2279	* 1.0883	* 0.5017
	* 1.7893	* 1.7807	* 1.5732	* 1.6796	* 1.4305	* 1.7562	* 1.9033	* 3.3458
10	* 1.1960	* 1.3643	* 1.0146	* 1.4204	* 1.3154	* 1.4378	* 0.9356	*
	* 1.8002	* 1.5735	* 1.9432	* 1.5107	* 1.6368	* 1.4956	* 2.2973	*
11	* 1.4751	* 1.2799	* 1.4182	* 1.2420	* 1.4572	* 1.4369	* 0.8175	*
	* 1.4606	* 1.6845	* 1.5129	* 1.7278	* 1.4741	* 1.4944	* 2.6192	*
12	* 1.3216	* 1.5001	* 1.3125	* 1.4558	* 1.4433	* 0.9860	*	*
	* 1.6329	* 1.4370	* 1.6403	* 1.4754	* 1.4867	* 2.1720	*	*
13	* 1.0956	* 1.2234	* 1.4349	* 1.4349	* 0.9844	*	*	*
	* 1.9692	* 1.7626	* 1.4985	* 1.4963	* 2.1754	*	*	*
14	* 0.9200	* 1.0850	* 0.9328	* 0.8148	*	*	*	*
	* 1.8702	* 1.9070	* 2.3040	* 2.6276	*	*	*	*
15	* 0.4817	* 0.4955	* F-SUB-Q					
	* 3.1240	* 3.3848	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6235	* 1.3235	* 1.3257	* 1.6871	* 1.4681	* 1.1960	* 1.0481	* 0.5420
	* 1.3865	* 1.7041	* 1.6987	* 1.3305	* 1.5307	* 1.8847	* 1.7016	* 2.9245
9	* 1.3235	* 1.3403	* 1.5729	* 1.4244	* 1.7382	* 1.3638	* 1.2416	* 0.5586
	* 1.7041	* 1.6830	* 1.4299	* 1.5783	* 1.2905	* 1.6453	* 1.7260	* 3.1872
10	* 1.3257	* 1.5727	* 1.1166	* 1.6368	* 1.4654	* 1.6668	* 1.0275	*
	* 1.6987	* 1.4300	* 1.8032	* 1.3680	* 1.5288	* 1.3363	* 2.1876	*
11	* 1.6871	* 1.4201	* 1.6346	* 1.3890	* 1.6924	* 1.6474	* 0.8794	*
	* 1.3305	* 1.5830	* 1.3695	* 1.6024	* 1.3149	* 1.3474	* 2.5246	*
12	* 1.4681	* 1.7321	* 1.4621	* 1.6911	* 1.6917	* 1.0704	*	*
	* 1.5307	* 1.2943	* 1.5322	* 1.3153	* 1.3095	* 2.0665	*	*
13	* 1.1960	* 1.3574	* 1.6639	* 1.6455	* 1.0694	*	*	*
	* 1.8847	* 1.6530	* 1.3386	* 1.3489	* 2.0682	*	*	*
14	* 1.0481	* 1.2380	* 1.0243	* 0.8770	*	*	*	*
	* 1.7016	* 1.7293	* 2.1945	* 2.5313	*	*	*	*
15	* 0.5420	* 0.5515	* F-SUB-Q					
	* 2.9245	* 3.2224	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6877	* 1.3636	* 1.3735	* 1.7520	* 1.5154	* 1.2517	* 1.1309	* 0.6043
	* 1.4098	* 1.7595	* 1.7441	* 1.3539	* 1.5660	* 1.9137	* 1.6809	* 2.9198
9	* 1.3636	* 1.4077	* 1.6511	* 1.4725	* 1.8145	* 1.4117	* 1.3091	* 0.6080
	* 1.7595	* 1.6509	* 1.4371	* 1.6167	* 1.3040	* 1.6811	* 1.6995	* 3.1569
10	* 1.3735	* 1.6510	* 1.1992	* 1.7158	* 1.5176	* 1.7394	* 1.0796	*
	* 1.7441	* 1.4370	* 1.7539	* 1.3845	* 1.5585	* 1.3413	* 2.2167	*
11	* 1.7520	* 1.4682	* 1.7138	* 1.4430	* 1.7700	* 1.7123	* 0.9184	*
	* 1.3539	* 1.6215	* 1.3854	* 1.6200	* 1.3117	* 1.3530	* 2.5338	*
12	* 1.5154	* 1.8096	* 1.5143	* 1.7696	* 1.7784	* 1.1221	*	*
	* 1.5660	* 1.3076	* 1.5609	* 1.3119	* 1.2986	* 2.0536	*	*
13	* 1.2517	* 1.4052	* 1.7367	* 1.7107	* 1.1213	*	*	*
	* 1.9137	* 1.6886	* 1.3433	* 1.3542	* 2.0551	*	*	*
14	* 1.1309	* 1.3055	* 1.0767	* 0.9159	*	*	*	*
	* 1.6809	* 1.7029	* 2.2229	* 2.5406	*	*	*	*
15	* 0.6043	* 0.6011	* F-SUB-Q					
	* 2.9198	* 3.1959	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7186	* 1.3901	* 1.4047	* 1.7847	* 1.5387	* 1.2905	* 1.2733	* 0.7119
	* 1.4796	* 1.8393	* 1.8230	* 1.4210	* 1.6473	* 1.9735	* 1.6946	* 2.9281
9	* 1.3901	* 1.4762	* 1.7128	* 1.4991	* 1.8544	* 1.4397	* 1.3711	* 0.6841
	* 1.8393	* 1.6668	* 1.4535	* 1.6980	* 1.3631	* 1.7506	* 1.7161	* 3.1603
10	* 1.4047	* 1.7129	* 1.3292	* 1.7718	* 1.5474	* 1.7707	* 1.1181	*
	* 1.8230	* 1.4534	* 1.7771	* 1.4338	* 1.6309	* 1.3931	* 2.2610	*
11	* 1.7847	* 1.4954	* 1.7701	* 1.4699	* 1.8054	* 1.7375	* 0.9383	*
	* 1.4210	* 1.6995	* 1.4351	* 1.6883	* 1.3564	* 1.4039	* 2.6234	*
12	* 1.5387	* 1.8497	* 1.5444	* 1.8052	* 1.8158	* 1.1466	*	*
	* 1.6473	* 1.3667	* 1.6332	* 1.3565	* 1.3374	* 2.1106	*	*
13	* 1.2905	* 1.4345	* 1.7687	* 1.7363	* 1.1460	*	*	*
	* 1.9735	* 1.7570	* 1.3947	* 1.4048	* 2.1117	*	*	*
14	* 1.2733	* 1.3676	* 1.1152	* 0.9359	*	*	*	*
	* 1.6946	* 1.7194	* 2.2665	* 2.6301	*	*	*	*
15	* 0.7119	* 0.6761	* F-SUB-Q					
	* 2.9281	* 3.1969	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7601	* 1.4194	* 1.4355	* 1.8266	* 1.5651	* 1.3123	* 1.4600	* 0.8174 *
	* 1.5177	* 1.8761	* 1.8519	* 1.4577	* 1.7024	* 2.0189	* 1.7197	* 3.0132 *
9	* 1.4194	* 1.5445	* 1.7819	* 1.5336	* 1.9037	* 1.4707	* 1.4702	* 0.7624 *
	* 1.8761	* 1.6984	* 1.4666	* 1.7241	* 1.3964	* 1.8060	* 1.7364	* 3.2653 *
10	* 1.4355	* 1.7822	* 1.4373	* 1.8348	* 1.5776	* 1.8087	* 1.1422	*
	* 1.8519	* 1.4664	* 1.8055	* 1.4434	* 1.6872	* 1.4473	* 2.3077	*
11	* 1.8266	* 1.5309	* 1.8333	* 1.4952	* 1.8453	* 1.7713	* 0.9397	*
	* 1.4577	* 1.7255	* 1.4445	* 1.7683	* 1.4054	* 1.4558	* 2.7800	*
12	* 1.5651	* 1.8993	* 1.5746	* 1.8452	* 1.8599	* 1.1468	*	*
	* 1.7024	* 1.3996	* 1.6904	* 1.4054	* 1.3788	* 2.2251	*	*
13	* 1.3123	* 1.4643	* 1.8071	* 1.7704	* 1.1466	*	*	*
	* 2.0189	* 1.8140	* 1.4486	* 1.4565	* 2.2256	*	*	*
14	* 1.4600	* 1.4674	* 1.1396	* 0.9376	*	*	*	*
	* 1.7197	* 1.7396	* 2.3130	* 2.7862	*	*	*	*
15	* 0.8174	* 0.7541	* F-SUB-Q					
	* 3.0132	* 3.3007	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7655	* 1.4233	* 1.4409	* 1.8299	* 1.5643	* 1.3204	* 1.5256	* 0.8661 *
	* 1.5306	* 1.8997	* 1.8747	* 1.4746	* 1.7275	* 2.0446	* 1.7450	* 3.0616 *
9	* 1.4233	* 1.5707	* 1.8145	* 1.5434	* 1.9094	* 1.4743	* 1.5169	* 0.8032 *
	* 1.8997	* 1.7128	* 1.4815	* 1.7466	* 1.4126	* 1.8314	* 1.7599	* 3.3082 *
10	* 1.4409	* 1.8147	* 1.4710	* 1.8479	* 1.5782	* 1.8083	* 1.1533	*
	* 1.8747	* 1.4813	* 1.8320	* 1.4585	* 1.7129	* 1.4956	* 2.3378	*
11	* 1.8299	* 1.5422	* 1.8466	* 1.4931	* 1.8445	* 1.7679	* 0.9388	*
	* 1.4746	* 1.7480	* 1.4595	* 1.8146	* 1.4662	* 1.5321	* 2.8960	*
12	* 1.5643	* 1.9053	* 1.5755	* 1.8442	* 1.8599	* 1.1445	*	*
	* 1.7275	* 1.4156	* 1.7159	* 1.4663	* 1.4556	* 2.3518	*	*
13	* 1.3204	* 1.4679	* 1.8071	* 1.7674	* 1.1445	*	*	*
	* 2.0446	* 1.8394	* 1.4965	* 1.5325	* 2.3518	*	*	*
14	* 1.5256	* 1.5142	* 1.1508	* 0.9369	*	*	*	*
	* 1.7450	* 1.7630	* 2.3428	* 2.9017	*	*	*	*
15	* 0.8661	* 0.7938	* F-SUB-Q					
	* 3.0616	* 3.3477	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 126 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7846	1.4298	1.4465	1.8457	1.5695	1.3177	1.5654	0.8825
	1.5363	1.9220	1.8975	1.4824	1.7462	2.0833	1.7480	3.1065
9	1.4298	1.5810	1.8407	1.5508	1.9274	1.4803	1.5511	0.8083
	1.9220	1.7343	1.4874	1.7683	1.4186	1.8515	1.7632	3.3929
10	1.4465	1.8410	1.4821	1.8662	1.5806	1.8227	1.1475	
	1.8975	1.4871	1.8548	1.4658	1.7337	1.5008	2.3914	
11	1.8457	1.5496	1.8652	1.4928	1.8573	1.7805	0.9246	
	1.4824	1.7697	1.4666	1.8365	1.4727	1.5370	2.9779	
12	1.5695	1.9236	1.5780	1.8573	1.8746	1.1273		
	1.7462	1.4214	1.7367	1.4727	1.4586	2.4369		
13	1.3177	1.4739	1.8219	1.7803	1.1277			
	2.0833	1.8596	1.5015	1.5371	2.4359			
14	1.5654	1.5485	1.1450	0.9229				
	1.7480	1.7662	2.3967	2.9835				
15	0.8825	0.8003	F-SUB-Q					
	3.1065	3.4272	M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7233	1.4081	1.4084	1.7762	1.5174	1.3043	1.5148	0.8756
	1.6170	1.9834	1.9790	1.5649	1.8348	2.1403	1.8493	3.2157
9	1.4081	1.5586	1.7744	1.5046	1.8536	1.4369	1.4984	0.8170
	1.9834	1.7903	1.5692	1.8517	1.4983	1.9370	1.8667	3.4459
10	1.4084	1.7748	1.4377	1.7953	1.5304	1.7502	1.1418	
	1.9790	1.5689	1.9429	1.5471	1.8165	1.5849	2.4469	
11	1.7762	1.5035	1.7944	1.4439	1.7827	1.7073	0.9267	
	1.5649	1.8532	1.5478	1.9219	1.5531	1.6230	3.0100	
12	1.5174	1.8500	1.5280	1.7829	1.7969	1.1289		
	1.8348	1.5013	1.8194	1.5528	1.5390	2.4586		
13	1.3043	1.4324	1.7497	1.7074	1.1291			
	2.1403	1.9431	1.5854	1.6228	2.4582			
14	1.5148	1.4960	1.1397	0.9251				
	1.8493	1.8698	2.4515	3.0153				
15	0.8756	0.8082	F-SUB-Q					
	3.2157	3.4834	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 127 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7458	* 1.3884	* 1.4027	* 1.7941	* 1.5200	* 1.2761	* 1.5378	* 0.8687 *
	* 1.6149	* 2.0349	* 2.0103	* 1.5659	* 1.8516	* 2.2130	* 1.8453	* 3.2855 *
9	* 1.3884	* 1.5429	* 1.7953	* 1.5026	* 1.8742	* 1.4348	* 1.5214	* 0.7996 *
	* 2.0349	* 1.8288	* 1.5679	* 1.8746	* 1.4976	* 1.9634	* 1.8614	* 3.5679 *
10	* 1.4027	* 1.7957	* 1.4365	* 1.8127	* 1.5286	* 1.7718	* 1.1184	*
	* 2.0103	* 1.5675	* 1.9663	* 1.5483	* 1.8381	* 1.5823	* 2.5280	*
11	* 1.7941	* 1.5016	* 1.8121	* 1.4416	* 1.8012	* 1.7293	* 0.8989	*
	* 1.5659	* 1.8760	* 1.5489	* 1.9449	* 1.5519	* 1.6192	* 3.1394	*
12	* 1.5200	* 1.8710	* 1.5263	* 1.8016	* 1.8227	* 1.0965	*	*
	* 1.8516	* 1.5002	* 1.8410	* 1.5515	* 1.5329	* 2.5589	*	*
13	* 1.2761	* 1.4287	* 1.7716	* 1.7297	* 1.0974	*	*	*
	* 2.2130	* 1.9718	* 1.5824	* 1.6188	* 2.5569	*	*	*
14	* 1.5378	* 1.5191	* 1.1165	* 0.8977	*	*	*	*
	* 1.8453	* 1.8643	* 2.5323	* 3.1437	*	*	*	*
15	* 0.8687	* 0.7916	* F-SUB-Q					
	* 3.2855	* 3.6042	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7170	* 1.3625	* 1.3759	* 1.7612	* 1.4894	* 1.2542	* 1.5115	* 0.8547 *
	* 1.6573	* 2.0903	* 2.0660	* 1.6099	* 1.9062	* 2.2713	* 1.8986	* 3.3739 *
9	* 1.3625	* 1.5200	* 1.7642	* 1.4730	* 1.8397	* 1.4061	* 1.4950	* 0.7888 *
	* 2.0904	* 1.8725	* 1.6098	* 1.9280	* 1.5399	* 2.0209	* 1.9148	* 3.6535 *
10	* 1.3759	* 1.7647	* 1.4082	* 1.7788	* 1.4977	* 1.7397	* 1.0995	*
	* 2.0660	* 1.6094	* 2.0215	* 1.5914	* 1.8909	* 1.6250	* 2.5936	*
11	* 1.7612	* 1.4721	* 1.7783	* 1.4127	* 1.7687	* 1.6980	* 0.8847	*
	* 1.6099	* 1.9293	* 1.5918	* 1.9972	* 1.5918	* 1.6617	* 3.2089	*
12	* 1.4894	* 1.8367	* 1.4955	* 1.7692	* 1.7913	* 1.0811	*	*
	* 1.9062	* 1.5424	* 1.8936	* 1.5914	* 1.5708	* 2.6101	*	*
13	* 1.2542	* 1.4003	* 1.7399	* 1.6987	* 1.0818	*	*	*
	* 2.2713	* 2.0294	* 1.6249	* 1.6611	* 2.6084	*	*	*
14	* 1.5115	* 1.4929	* 1.0978	* 0.8837	*	*	*	*
	* 1.8986	* 1.9176	* 2.5977	* 3.2129	*	*	*	*
15	* 0.8547	* 0.7817	* F-SUB-Q					
	* 3.3739	* 3.6864	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6602	1.3402	1.3352	1.6973	1.4382	1.2327	1.4561	0.8355
	1.7360	2.1510	2.1544	1.6914	1.9976	2.3388	1.9966	3.4947
9	1.3402	1.4892	1.7009	1.4252	1.7722	1.3621	1.4398	0.7805
	2.1510	1.9352	1.6906	2.0158	1.6181	2.1075	2.0155	3.7393
10	1.3352	1.7014	1.3619	1.7136	1.4484	1.6758	1.0809	
	2.1544	1.6901	2.1133	1.6709	1.9761	1.7046	2.6688	
11	1.6973	1.4244	1.7133	1.3663	1.7046	1.6353	0.8760	
	1.6914	2.0170	1.6711	2.0826	1.6669	1.7417	3.2667	
12	1.4382	1.7694	1.4464	1.7051	1.7258	1.0721		
	1.9976	1.6206	1.9789	1.6664	1.6449	2.6507		
13	1.2327	1.3582	1.6762	1.6362	1.0727			
	2.3388	2.1136	1.7042	1.7407	2.6491			
14	1.4561	1.4378	1.0793	0.8748				
	1.9966	2.0183	2.6728	3.2708				
15	0.8355	0.7720	F-SUB-Q					
	3.4947	3.7807	M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6701	1.3097	1.3225	1.7025	1.4309	1.1957	1.4642	0.8208
	1.7282	2.1972	2.1753	1.6909	2.0105	2.4058	1.9764	3.5083
9	1.3097	1.4641	1.7089	1.4136	1.7797	1.3513	1.4490	0.7560
	2.1972	1.9698	1.6863	2.0350	1.6170	2.1270	1.9940	3.8059
10	1.3225	1.7095	1.3521	1.7186	1.4372	1.6870	1.0515	
	2.1753	1.6857	2.1283	1.6721	1.9965	1.6999	2.7332	
11	1.7025	1.4128	1.7185	1.3581	1.7148	1.6486	0.8460	
	1.6909	2.0361	1.6722	2.1032	1.6669	1.7358	3.3729	
12	1.4309	1.7773	1.4353	1.7154	1.7431	1.0386		
	2.0105	1.6192	1.9991	1.6663	1.6389	2.7418		
13	1.1957	1.3461	1.6878	1.6498	1.0397			
	2.4058	2.1351	1.6990	1.7344	2.7389			
14	1.4642	1.4471	1.0497	0.8453				
	1.9764	1.9965	2.7376	3.3754				
15	0.8208	0.7478	F-SUB-Q					
	3.5083	3.8469	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6558	1.2907	1.3038	1.6846	1.4102	1.1748	1.4493	0.8071
	1.6466	2.0995	2.0809	1.6211	1.9309	2.3071	1.8822	3.3469
9	1.2907	1.4427	1.6930	1.3923	1.7614	1.3321	1.4348	0.7399
	2.0995	1.8872	1.6122	1.9532	1.5529	2.0409	1.8996	3.6480
10	1.3038	1.6936	1.3325	1.7001	1.4154	1.6720	1.0302	
	2.0809	1.6117	2.0380	1.6052	1.9213	1.6308	2.6294	
11	1.6846	1.3915	1.7002	1.3397	1.7001	1.6355	0.8274	
	1.6211	1.9542	1.6050	2.0216	1.6011	1.6646	3.2503	
12	1.4102	1.7592	1.4137	1.7008	1.7319	1.0205		
	1.9309	1.5545	1.9234	1.6005	1.5719	2.6445		
13	1.1748	1.3271	1.6732	1.6370	1.0218			
	2.3071	2.0482	1.6296	1.6630	2.6410			
14	1.4493	1.4330	1.0287	0.8262				
	1.8822	1.9017	2.6328	3.2546				
15	0.8071	0.7325	F-SUB-Q					
	3.3469	3.6841	M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6378	1.2733	1.2851	1.6614	1.3885	1.1582	1.4275	0.7963
	1.5752	2.0142	1.9976	1.5550	1.8556	2.2170	1.8025	3.1974
9	1.2733	1.4304	1.6711	1.3723	1.7370	1.3111	1.4131	0.7347
	2.0142	1.8007	1.5444	1.8749	1.4900	1.9619	1.8202	3.4642
10	1.2851	1.6718	1.3132	1.6765	1.3944	1.6484	1.0196	
	1.9976	1.5438	1.9564	1.5404	1.8464	1.5665	2.5125	
11	1.6614	1.3716	1.6767	1.3193	1.6768	1.6125	0.8217	
	1.5550	1.8758	1.5401	1.9456	1.5384	1.5996	3.1013	
12	1.3885	1.7350	1.3928	1.6776	1.7087	1.0137		
	1.8556	1.4915	1.8484	1.5377	1.5103	2.5253		
13	1.1582	1.3062	1.6498	1.6142	1.0153			
	2.2170	1.9689	1.5650	1.5979	2.5212			
14	1.4275	1.4115	1.0185	0.8213				
	1.8025	1.8221	2.5149	3.1026				
15	0.7963	0.7266	F-SUB-Q					
	3.1974	3.5020	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6006	* 1.2741	* 1.2657	* 1.6222	* 1.3592	* 1.1594	* 1.3894	* 0.7886
	* 1.5439	* 1.9309	* 1.9471	* 1.5242	* 1.8152	* 2.1213	* 1.7687	* 3.0833
9	* 1.2741	* 1.4242	* 1.6322	* 1.3478	* 1.6945	* 1.2892	* 1.3747	* 0.7385
	* 1.9309	* 1.7322	* 1.5141	* 1.8286	* 1.4621	* 1.9136	* 1.7877	* 3.2915
10	* 1.2657	* 1.6329	* 1.2892	* 1.6368	* 1.3683	* 1.6066	* 1.0186	*
	* 1.9471	* 1.5135	* 1.9089	* 1.5105	* 1.8026	* 1.5385	* 2.4062	*
11	* 1.6222	* 1.3471	* 1.6371	* 1.2943	* 1.6369	* 1.5709	* 0.8273	*
	* 1.5242	* 1.8295	* 1.5098	* 1.9007	* 1.5095	* 1.5723	* 2.9505	*
12	* 1.3592	* 1.6926	* 1.3668	* 1.6377	* 1.6653	* 1.0223	*	*
	* 1.8152	* 1.4635	* 1.8043	* 1.5088	* 1.4844	* 2.3999	*	*
13	* 1.1594	* 1.2859	* 1.6081	* 1.5728	* 1.0235	*	*	*
	* 2.1213	* 1.9182	* 1.5370	* 1.5704	* 2.3972	*	*	*
14	* 1.3894	* 1.3731	* 1.0175	* 0.8267	*	*	*	*
	* 1.7687	* 1.7894	* 2.4084	* 2.9521	*	*	*	*
15	* 0.7886	* 0.7300	* F-SUB-Q					
	* 3.0833	* 3.3291	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6431	* 1.2654	* 1.2782	* 1.6635	* 1.3801	* 1.1426	* 1.4255	* 0.7860
	* 1.4488	* 1.8730	* 1.8570	* 1.4361	* 1.7282	* 2.0746	* 1.6635	* 2.9837
9	* 1.2654	* 1.4252	* 1.6770	* 1.3637	* 1.7394	* 1.3019	* 1.4117	* 0.7220
	* 1.8730	* 1.6682	* 1.4218	* 1.7454	* 1.3768	* 1.8273	* 1.6798	* 3.2480
10	* 1.2782	* 1.6777	* 1.3064	* 1.6784	* 1.3850	* 1.6517	* 1.0040	*
	* 1.8570	* 1.4212	* 1.8180	* 1.4245	* 1.7217	* 1.4461	* 2.3579	*
11	* 1.6635	* 1.3631	* 1.6790	* 1.3123	* 1.6827	* 1.6176	* 0.8077	*
	* 1.4361	* 1.7462	* 1.4240	* 1.8129	* 1.4200	* 1.4757	* 2.9208	*
12	* 1.3801	* 1.7378	* 1.3836	* 1.6837	* 1.7183	* 1.0031	*	*
	* 1.7282	* 1.3779	* 1.7233	* 1.4192	* 1.3909	* 2.3656	*	*
13	* 1.1426	* 1.2971	* 1.6536	* 1.6197	* 1.0047	*	*	*
	* 2.0746	* 1.8337	* 1.4444	* 1.4737	* 2.3619	*	*	*
14	* 1.4255	* 1.4102	* 1.0028	* 0.8069	*	*	*	*
	* 1.6635	* 1.6815	* 2.3604	* 2.9237	*	*	*	*
15	* 0.7860	* 0.7145	* F-SUB-Q					
	* 2.9836	* 3.2812	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 131 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6451	* 1.2626	* 1.2769	* 1.6657	* 1.3788	* 1.1386	* 1.4250	* 0.7837 *
	* 1.3663	* 1.7734	* 1.7557	* 1.3538	* 1.6347	* 1.9756	* 1.5852	* 2.8674 *
9	* 1.2626	* 1.4268	* 1.6801	* 1.3627	* 1.7419	* 1.3002	* 1.4114	* 0.7205 *
	* 1.7734	* 1.5732	* 1.3395	* 1.6494	* 1.2984	* 1.7361	* 1.6008	* 3.1183 *
10	* 1.2769	* 1.6809	* 1.3056	* 1.6807	* 1.3838	* 1.6545	* 1.0013	*
	* 1.7557	* 1.3389	* 1.7180	* 1.3428	* 1.6297	* 1.3690	* 2.2505	*
11	* 1.6657	* 1.3620	* 1.6814	* 1.3114	* 1.6873	* 1.6210	* 0.8054	*
	* 1.3538	* 1.6502	* 1.3423	* 1.7182	* 1.3411	* 1.3973	* 2.7922	*
12	* 1.3788	* 1.7404	* 1.3824	* 1.6883	* 1.7237	* 1.0035	*	*
	* 1.6347	* 1.2994	* 1.6312	* 1.3404	* 1.3140	* 2.2455	*	*
13	* 1.1386	* 1.2954	* 1.6565	* 1.6232	* 1.0052	*	*	*
	* 1.9756	* 1.7423	* 1.3673	* 1.3953	* 2.2417	*	*	*
14	* 1.4250	* 1.4098	* 1.0001	* 0.8044	*	*	*	*
	* 1.5852	* 1.6025	* 2.2530	* 2.7954	*	*	*	*
15	* 0.7837	* 0.7124	* F-SUB-Q					
	* 2.8674	* 3.1534	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6399	* 1.2615	* 1.2743	* 1.6618	* 1.3762	* 1.1357	* 1.4156	* 0.7802 *
	* 1.3087	* 1.6969	* 1.6808	* 1.2941	* 1.5645	* 1.8934	* 1.5250	* 2.7561 *
9	* 1.2615	* 1.4269	* 1.6752	* 1.3614	* 1.7353	* 1.2965	* 1.4016	* 0.7316 *
	* 1.6969	* 1.5029	* 1.2823	* 1.5773	* 1.2443	* 1.6637	* 1.5402	* 2.9391 *
10	* 1.2743	* 1.6759	* 1.3032	* 1.6757	* 1.3818	* 1.6446	* 0.9995	*
	* 1.6808	* 1.2818	* 1.6442	* 1.2844	* 1.5587	* 1.3150	* 2.1556	*
11	* 1.6618	* 1.3607	* 1.6767	* 1.3067	* 1.6783	* 1.6100	* 0.8023	*
	* 1.2941	* 1.5780	* 1.2837	* 1.6470	* 1.2867	* 1.3429	* 2.6809	*
12	* 1.3762	* 1.7336	* 1.3804	* 1.6793	* 1.7117	* 1.0085	*	*
	* 1.5645	* 1.2454	* 1.5602	* 1.2859	* 1.2628	* 2.1352	*	*
13	* 1.1357	* 1.2916	* 1.6464	* 1.6121	* 1.0103	*	*	*
	* 1.8934	* 1.6698	* 1.3135	* 1.3411	* 2.1314	*	*	*
14	* 1.4156	* 1.3997	* 0.9982	* 0.8012	*	*	*	*
	* 1.5250	* 1.5422	* 2.1582	* 2.6845	*	*	*	*
15	* 0.7802	* 0.7104	* F-SUB-Q					
	* 2.7561	* 3.0263	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6028	* 1.2493	* 1.2534	* 1.6318	* 1.3543	* 1.1225	* 1.3758	* 0.7644 *
	* 1.2931	* 1.6552	* 1.6511	* 1.2718	* 1.5352	* 1.8531	* 1.5155	* 2.7213 *
9	* 1.2493	* 1.4087	* 1.6399	* 1.3407	* 1.6912	* 1.2739	* 1.3610	* 0.7143 *
	* 1.6552	* 1.4701	* 1.2636	* 1.5467	* 1.2318	* 1.6352	* 1.5321	* 2.9111 *
10	* 1.2534	* 1.6414	* 1.2818	* 1.6447	* 1.3596	* 1.5965	* 0.9840 *	
	* 1.6511	* 1.2625	* 1.6148	* 1.2628	* 1.5299	* 1.3071	* 2.1159 *	
11	* 1.6318	* 1.3400	* 1.6455	* 1.2804	* 1.6304	* 1.5587	* 0.7873 *	
	* 1.2718	* 1.5474	* 1.2622	* 1.6213	* 1.2775	* 1.3384	* 2.6413 *	
12	* 1.3543	* 1.6890	* 1.3581	* 1.6317	* 1.6521	* 0.9863 *		
	* 1.5352	* 1.2333	* 1.5315	* 1.2764	* 1.2621	* 2.1083 *		
13	* 1.1225	* 1.2689	* 1.5979	* 1.5605	* 0.9878 *			
	* 1.8531	* 1.6417	* 1.3058	* 1.3369	* 2.1051 *			
14	* 1.3758	* 1.3590	* 0.9824	* 0.7858 *				
	* 1.5155	* 1.5343	* 2.1191	* 2.6461 *				
15	* 0.7644	* 0.6976	* F-SUB-Q					
	* 2.7213	* 2.9813	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4918	* 1.1874	* 1.1874	* 1.5306	* 1.2854	* 1.0645	* 1.2881	* 0.7158 *
	* 1.3538	* 1.6988	* 1.6993	* 1.3210	* 1.5767	* 1.9060	* 1.5783	* 2.8374 *
9	* 1.1874	* 1.3293	* 1.5332	* 1.2726	* 1.5841	* 1.2076	* 1.2718	* 0.6718 *
	* 1.6988	* 1.5181	* 1.3166	* 1.5885	* 1.2810	* 1.6820	* 1.5986	* 3.0233 *
10	* 1.1874	* 1.5345	* 1.2134	* 1.5411	* 1.2901	* 1.4843	* 0.9266 *	
	* 1.6993	* 1.3155	* 1.6629	* 1.3126	* 1.5713	* 1.3692	* 2.1925 *	
11	* 1.5306	* 1.2719	* 1.5416	* 1.2093	* 1.5129	* 1.4463	* 0.7418 *	
	* 1.3210	* 1.5894	* 1.3122	* 1.6722	* 1.3399	* 1.4048	* 2.7361 *	
12	* 1.2854	* 1.5810	* 1.2884	* 1.5138	* 1.5178	* 0.9226 *		
	* 1.5767	* 1.2833	* 1.5733	* 1.3392	* 1.3375	* 2.1980 *		
13	* 1.0645	* 1.2023	* 1.4845	* 1.4475	* 0.9236 *			
	* 1.9060	* 1.6893	* 1.3692	* 1.4036	* 2.1954 *			
14	* 1.2881	* 1.2697	* 0.9249	* 0.7402 *				
	* 1.5783	* 1.6012	* 2.1964	* 2.7421 *				
15	* 0.7158	* 0.6571	* F-SUB-Q					
	* 2.8374	* 3.0910	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 375 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2199	* 1.0110	* 0.9968	* 1.2426	* 1.0901	* 0.8990	* 1.0551	* 0.5895
	* 1.6256	* 1.9608	* 1.9888	* 1.5977	* 1.8259	* 2.2176	* 1.8935	* 3.3906
9	* 1.0110	* 1.1169	* 1.2416	* 1.0726	* 1.2919	* 1.0207	* 1.0436	* 0.5581
	* 1.9608	* 1.7750	* 1.5971	* 1.8509	* 1.5411	* 1.9546	* 1.9145	* 3.5818
10	* 0.9968	* 1.2420	* 1.0172	* 1.2492	* 1.0846	* 1.2048	* 0.7717	*
	* 1.9888	* 1.5966	* 1.9487	* 1.5897	* 1.8354	* 1.6564	* 2.5873	*
11	* 1.2426	* 1.0720	* 1.2493	* 1.0125	* 1.2218	* 1.1757	* 0.6238	*
	* 1.5977	* 1.8518	* 1.5895	* 1.9619	* 1.6290	* 1.6967	* 3.2000	*
12	* 1.0901	* 1.2890	* 1.0831	* 1.2222	* 1.2165	* 0.7676	*	*
	* 1.8259	* 1.5445	* 1.8379	* 1.6283	* 1.6381	* 2.5969	*	*
13	* 0.8990	* 1.0163	* 1.2036	* 1.1764	* 0.7680	*	*	*
	* 2.2176	* 1.9631	* 1.6580	* 1.6958	* 2.5953	*	*	*
14	* 1.0551	* 1.0418	* 0.7703	* 0.6224	*	*	*	*
	* 1.8935	* 1.9178	* 2.5919	* 3.2077	*	*	*	*
15	* 0.5895	* 0.5491	* F-SUB-Q					
	* 3.3906	* 3.6403	* M-SUB-Q					

AT 75% POWER, 375 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5562	* 0.4995	* 0.5119	* 0.5887	* 0.5345	* 0.4604	* 0.4641	* 0.2859
	* 3.5165	* 3.9163	* 3.8217	* 3.3277	* 3.6724	* 4.2745	* 4.2505	* 6.9108
9	* 0.4995	* 0.5397	* 0.5874	* 0.5321	* 0.5852	* 0.4978	* 0.4575	* 0.2683
	* 3.9163	* 3.6235	* 3.3310	* 3.6812	* 3.3548	* 3.9541	* 4.3116	* 7.3656
10	* 0.5119	* 0.5875	* 0.5216	* 0.5913	* 0.5324	* 0.5397	* 0.3791	*
	* 3.8217	* 3.3302	* 3.7514	* 3.3137	* 3.6874	* 3.6473	* 5.2023	*
11	* 0.5887	* 0.5318	* 0.5912	* 0.5183	* 0.5725	* 0.5152	* 0.3014	*
	* 3.3277	* 3.6832	* 3.3141	* 3.7815	* 3.4302	* 3.8196	* 6.5451	*
12	* 0.5345	* 0.5838	* 0.5317	* 0.5725	* 0.5353	* 0.3763	*	*
	* 3.6724	* 3.3631	* 3.6926	* 3.4296	* 3.6720	* 5.2308	*	*
13	* 0.4604	* 0.4959	* 0.5389	* 0.5153	* 0.3763	*	*	*
	* 4.2745	* 3.9693	* 3.6525	* 3.8191	* 5.2307	*	*	*
14	* 0.4641	* 0.4565	* 0.3784	* 0.3006	*	*	*	*
	* 4.2505	* 4.3205	* 5.2117	* 6.5609	*	*	*	*
15	* 0.2859	* 0.2673	* F-SUB-Q					
	* 6.9108	* 7.3937	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6979	0.6485	0.6359	0.7339	0.6837	0.5796	0.4305	0.2429
	2.8573	3.0732	3.1297	2.7233	2.9262	3.4370	3.7599	5.7403
9	0.6485	0.6304	0.6807	0.6677	0.7306	0.6386	0.5205	0.2641
	3.0732	3.1570	2.9159	2.9926	2.7401	3.1314	3.8076	6.0978
10	0.6359	0.6806	0.5085	0.7123	0.6805	0.6979	0.4816	
	3.1297	2.9160	3.4819	2.8043	2.9440	2.8812	4.1372	
11	0.7339	0.6663	0.7120	0.6691	0.7398	0.6860	0.4275	
	2.7233	2.9986	2.8054	3.0023	2.7179	2.9368	4.6799	
12	0.6837	0.7292	0.6797	0.7395	0.7101	0.5228		
	2.9262	2.7456	2.9481	2.7187	2.8408	3.8495		
13	0.5796	0.6368	0.6971	0.6853	0.5210			
	3.4370	3.1400	2.8846	2.9394	3.8626			
14	0.4305	0.5193	0.4808	0.4264				
	3.7599	3.8156	4.1447	4.6920				
15	0.2429	0.2622	F-SUB-Q					
	5.7403	6.1437	M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2706	1.0891	1.0633	1.2884	1.1845	0.9775	0.8051	0.4311
	1.6182	1.8869	1.9282	1.5975	1.7408	2.0997	2.0338	3.3130
9	1.0891	1.0784	1.1935	1.1416	1.3450	1.1148	0.9768	0.4614
	1.8869	1.8979	1.7118	1.8034	1.5334	1.8481	2.0649	3.5632
10	1.0633	1.1934	0.8734	1.2552	1.1805	1.3103	0.8418	
	1.9282	1.7119	2.1249	1.6370	1.7491	1.5798	2.4411	
11	1.2884	1.1392	1.2547	1.1369	1.3248	1.2980	0.7486	
	1.5975	1.8071	1.6376	1.8182	1.5639	1.5968	2.7520	
12	1.1845	1.3424	1.1795	1.3246	1.3443	0.9012		
	1.7408	1.5362	1.7511	1.5641	1.5435	2.2977		
13	0.9775	1.1113	1.3089	1.2970	0.8993			
	2.0997	1.8537	1.5813	1.5979	2.3026			
14	0.8051	0.9748	0.8406	0.7468				
	2.0338	2.0677	2.4446	2.7587				
15	0.4311	0.4544	F-SUB-Q					
	3.3130	3.6119	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4407	* 1.1986	* 1.1880	* 1.4715	* 1.3203	* 1.1157	* 0.9324	* 0.5060
	* 1.4682	* 1.7648	* 1.7770	* 1.4371	* 1.6044	* 1.8974	* 1.8270	* 2.9330
9	* 1.1986	* 1.1944	* 1.3591	* 1.2790	* 1.5340	* 1.2506	* 1.1251	* 0.5325
	* 1.7648	* 1.7649	* 1.5474	* 1.6545	* 1.3799	* 1.6960	* 1.8515	* 3.1311
10	* 1.1880	* 1.3590	* 1.0114	* 1.4361	* 1.3290	* 1.5041	* 0.9733	*
	* 1.7770	* 1.5474	* 1.9354	* 1.4685	* 1.5936	* 1.4097	* 2.1695	*
11	* 1.4715	* 1.2762	* 1.4355	* 1.2832	* 1.5278	* 1.4839	* 0.8705	*
	* 1.4371	* 1.6580	* 1.4691	* 1.6502	* 1.3876	* 1.4291	* 2.4279	*
12	* 1.3203	* 1.5311	* 1.3278	* 1.5276	* 1.5532	* 1.0518	*	*
	* 1.6044	* 1.3824	* 1.5950	* 1.3878	* 1.3660	* 2.0144	*	*
13	* 1.1157	* 1.2475	* 1.5028	* 1.4829	* 1.0506	*	*	*
	* 1.8974	* 1.7001	* 1.4108	* 1.4299	* 2.0166	*	*	*
14	* 0.9324	* 1.1231	* 0.9715	* 0.8684	*	*	*	*
	* 1.8270	* 1.8540	* 2.1734	* 2.4335	*	*	*	*
15	* 0.5060	* 0.5258	* F-SUB-Q					
	* 2.9330	* 3.1644	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5653	* 1.2714	* 1.2706	* 1.6037	* 1.4154	* 1.1729	* 1.0202	* 0.5470
	* 1.4038	* 1.7302	* 1.7289	* 1.3677	* 1.5520	* 1.8764	* 1.7050	* 2.8124
9	* 1.2714	* 1.2775	* 1.4869	* 1.3669	* 1.6786	* 1.3368	* 1.2335	* 0.5716
	* 1.7302	* 1.7201	* 1.4736	* 1.6065	* 1.3062	* 1.6414	* 1.7236	* 3.0566
10	* 1.2706	* 1.4869	* 1.0642	* 1.5710	* 1.4253	* 1.6562	* 1.0342	*
	* 1.7289	* 1.4736	* 1.8515	* 1.3911	* 1.5358	* 1.3205	* 2.1181	*
11	* 1.6037	* 1.3640	* 1.5705	* 1.3800	* 1.6846	* 1.6386	* 0.9069	*
	* 1.3677	* 1.6100	* 1.3915	* 1.5835	* 1.2954	* 1.3322	* 2.4067	*
12	* 1.4154	* 1.6758	* 1.4240	* 1.6845	* 1.7228	* 1.1025	*	*
	* 1.5520	* 1.3084	* 1.5371	* 1.2955	* 1.2662	* 1.9767	*	*
13	* 1.1729	* 1.3324	* 1.6551	* 1.6380	* 1.1018	*	*	*
	* 1.8764	* 1.6468	* 1.3213	* 1.3327	* 1.9779	*	*	*
14	* 1.0202	* 1.2315	* 1.0330	* 0.9051	*	*	*	*
	* 1.7050	* 1.7258	* 2.1206	* 2.4114	*	*	*	*
15	* 0.5470	* 0.5641	* F-SUB-Q					
	* 2.8124	* 3.0844	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5813	* 1.2788	* 1.2839	* 1.6208	* 1.4236	* 1.1964	* 1.0630	* 0.5855 *
	* 1.4654	* 1.8227	* 1.8133	* 1.4259	* 1.6250	* 1.9470	* 1.6907	* 2.8174 *
9	* 1.2788	* 1.2958	* 1.5142	* 1.3754	* 1.6976	* 1.3467	* 1.2648	* 0.6001 *
	* 1.8227	* 1.7225	* 1.5126	* 1.6847	* 1.3586	* 1.7172	* 1.7066	* 3.0410 *
10	* 1.2839	* 1.5144	* 1.1012	* 1.5952	* 1.4341	* 1.6734	* 1.0558	*
	* 1.8133	* 1.5124	* 1.8157	* 1.4459	* 1.6003	* 1.3646	* 2.1933	*
11	* 1.6208	* 1.3725	* 1.5948	* 1.3907	* 1.7016	* 1.6543	* 0.9231	*
	* 1.4259	* 1.6884	* 1.4462	* 1.6433	* 1.3352	* 1.3733	* 2.4716	*
12	* 1.4236	* 1.6949	* 1.4329	* 1.7016	* 1.7436	* 1.1225	*	*
	* 1.6250	* 1.3607	* 1.6017	* 1.3351	* 1.2998	* 2.0166	*	*
13	* 1.1964	* 1.3422	* 1.6726	* 1.6539	* 1.1221	*	*	*
	* 1.9470	* 1.7226	* 1.3651	* 1.3735	* 2.0173	*	*	*
14	* 1.0630	* 1.2629	* 1.0541	* 0.9213	*	*	*	*
	* 1.6907	* 1.7088	* 2.1956	* 2.4762	*	*	*	*
15	* 0.5855	* 0.5929	* F-SUB-Q					
	* 2.8174	* 3.0740	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5892	* 1.2879	* 1.2956	* 1.6278	* 1.4247	* 1.2169	* 1.1612	* 0.6647 *
	* 1.5584	* 1.9212	* 1.9093	* 1.5177	* 1.7344	* 2.0188	* 1.7173	* 2.8427 *
9	* 1.2879	* 1.3360	* 1.5460	* 1.3798	* 1.7057	* 1.3553	* 1.2984	* 0.6518 *
	* 1.9212	* 1.7601	* 1.5479	* 1.7889	* 1.4436	* 1.8135	* 1.7378	* 3.0623 *
10	* 1.2956	* 1.5462	* 1.1814	* 1.6167	* 1.4355	* 1.6711	* 1.0775	*
	* 1.9093	* 1.5476	* 1.8609	* 1.5204	* 1.7019	* 1.4439	* 2.2625	*
11	* 1.6278	* 1.3769	* 1.6165	* 1.3902	* 1.6974	* 1.6485	* 0.9284	*
	* 1.5177	* 1.7899	* 1.5205	* 1.7419	* 1.4097	* 1.4499	* 2.5985	*
12	* 1.4247	* 1.7032	* 1.4342	* 1.6975	* 1.7380	* 1.1255	*	*
	* 1.7344	* 1.4458	* 1.7033	* 1.4096	* 1.3692	* 2.1099	*	*
13	* 1.2169	* 1.3520	* 1.6707	* 1.6483	* 1.1253	*	*	*
	* 2.0188	* 1.8180	* 1.4443	* 1.4500	* 2.1103	*	*	*
14	* 1.1612	* 1.2964	* 1.0758	* 0.9268	*	*	*	*
	* 1.7173	* 1.7400	* 2.2659	* 2.6030	*	*	*	*
15	* 0.6647	* 0.6467	* F-SUB-Q					
	* 2.8427	* 3.0935	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6202	* 1.3131	* 1.3225	* 1.6582	* 1.4438	* 1.2343	* 1.3368	* 0.7778 *
	* 1.6031	* 1.9653	* 1.9468	* 1.5598	* 1.7940	* 2.0709	* 1.7492	* 2.9320 *
9	* 1.3131	* 1.4014	* 1.6065	* 1.4040	* 1.7397	* 1.3762	* 1.3745	* 0.7354 *
	* 1.9653	* 1.7998	* 1.5707	* 1.8266	* 1.4852	* 1.8720	* 1.7651	* 3.1716 *
10	* 1.3225	* 1.6068	* 1.2838	* 1.6650	* 1.4551	* 1.6925	* 1.0974	*
	* 1.9468	* 1.5704	* 1.8998	* 1.5421	* 1.7779	* 1.5161	* 2.3232	*
11	* 1.6582	* 1.4021	* 1.6649	* 1.4033	* 1.7148	* 1.6662	* 0.9233	*
	* 1.5598	* 1.8276	* 1.5423	* 1.8431	* 1.4794	* 1.5186	* 2.7791	*
12	* 1.4438	* 1.7374	* 1.4533	* 1.7150	* 1.7553	* 1.1139	*	*
	* 1.7940	* 1.4872	* 1.7800	* 1.4792	* 1.4328	* 2.2500	*	*
13	* 1.2343	* 1.3719	* 1.6923	* 1.6663	* 1.1140	*	*	*
	* 2.0709	* 1.8778	* 1.5162	* 1.5185	* 2.2498	*	*	*
14	* 1.3368	* 1.3728	* 1.0959	* 0.9219	*	*	*	*
	* 1.7492	* 1.7672	* 2.3264	* 2.7832	*	*	*	*
15	* 0.7778	* 0.7274	* F-SUB-Q					
	* 2.9320	* 3.2062	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6328	* 1.3261	* 1.3365	* 1.6690	* 1.4499	* 1.2509	* 1.4488	* 0.8566 *
	* 1.6029	* 1.9741	* 1.9574	* 1.5671	* 1.8067	* 2.0905	* 1.7634	* 2.9575 *
9	* 1.3261	* 1.4391	* 1.6452	* 1.4164	* 1.7510	* 1.3865	* 1.4451	* 0.7970 *
	* 1.9741	* 1.8089	* 1.5794	* 1.8418	* 1.4932	* 1.8878	* 1.7769	* 3.1896 *
10	* 1.3365	* 1.6454	* 1.3554	* 1.6854	* 1.4614	* 1.6935	* 1.1157	*
	* 1.9574	* 1.5791	* 1.9203	* 1.5487	* 1.7911	* 1.5465	* 2.3388	*
11	* 1.6690	* 1.4156	* 1.6855	* 1.4032	* 1.7121	* 1.6628	* 0.9240	*
	* 1.5671	* 1.8428	* 1.5486	* 1.8667	* 1.5288	* 1.5760	* 2.8471	*
12	* 1.4499	* 1.7489	* 1.4598	* 1.7123	* 1.7499	* 1.1098	*	*
	* 1.8067	* 1.4950	* 1.7931	* 1.5285	* 1.4965	* 2.3677	*	*
13	* 1.2509	* 1.3823	* 1.6936	* 1.6631	* 1.1100	*	*	*
	* 2.0905	* 1.8936	* 1.5463	* 1.5756	* 2.3671	*	*	*
14	* 1.4488	* 1.4434	* 1.1143	* 0.9227	*	*	*	*
	* 1.7634	* 1.7789	* 2.3418	* 2.8509	*	*	*	*
15	* 0.8566	* 0.7885	* F-SUB-Q					
	* 2.9575	* 3.2242	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 138 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6632	1.3456	1.3556	1.6966	1.4666	1.2669	1.5114	0.8901
	1.5741	1.9496	1.9333	1.5413	1.7860	2.0712	1.7329	2.9502
9	1.3456	1.4699	1.6882	1.4389	1.7802	1.4046	1.4997	0.8182
	1.9496	1.7811	1.5489	1.8200	1.4682	1.8650	1.7454	3.2108
10	1.3556	1.6885	1.3842	1.7142	1.4748	1.7153	1.1212	
	1.9333	1.5486	1.8950	1.5241	1.7749	1.5237	2.3401	
11	1.6966	1.4381	1.7144	1.4116	1.7297	1.6823	0.9155	
	1.5413	1.8209	1.5239	1.8531	1.5090	1.5534	2.8716	
12	1.4666	1.7782	1.4732	1.7301	1.7680	1.0969		
	1.7860	1.4698	1.7769	1.5088	1.4762	2.3888		
13	1.2669	1.4002	1.7156	1.6828	1.0976			
	2.0712	1.8708	1.5234	1.5528	2.3872			
14	1.5114	1.4981	1.1196	0.9146				
	1.7329	1.7473	2.3434	2.8743				
15	0.8901	0.8102	F-SUB-Q					
	2.9502	3.2422	M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6285	1.3410	1.3322	1.6549	1.4348	1.2648	1.4862	0.8989
	1.6197	1.9722	1.9815	1.5904	1.8380	2.0906	1.7833	2.9648
9	1.3410	1.4648	1.6512	1.4138	1.7337	1.3787	1.4698	0.8404
	1.9722	1.8034	1.5964	1.8666	1.5169	1.9120	1.8003	3.1702
10	1.3322	1.6515	1.3587	1.6711	1.4445	1.6655	1.1305	
	1.9815	1.5960	1.9470	1.5740	1.8235	1.5777	2.3407	
11	1.6549	1.4131	1.6710	1.3774	1.6782	1.6280	0.9274	
	1.5904	1.8676	1.5742	1.9094	1.5624	1.6128	2.8538	
12	1.4348	1.7319	1.4430	1.6786	1.7105	1.1085		
	1.8380	1.5185	1.8254	1.5621	1.5321	2.3753		
13	1.2648	1.3757	1.6660	1.6287	1.1088			
	2.0906	1.9163	1.5772	1.6121	2.3745			
14	1.4862	1.4682	1.1292	0.9262				
	1.7833	1.8022	2.3435	2.8573				
15	0.8989	0.8323	F-SUB-Q					
	2.9648	3.2014	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 139 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6636	* 1.3373	* 1.3450	* 1.6865	* 1.4519	* 1.2573	* 1.5269	* 0.9030
	* 1.6102	* 2.0092	* 1.9938	* 1.5833	* 1.8429	* 2.1380	* 1.7653	* 3.0070
9	* 1.3373	* 1.4663	* 1.6853	* 1.4262	* 1.7681	* 1.3923	* 1.5106	* 0.8322
	* 2.0092	* 1.8288	* 1.5877	* 1.8782	* 1.5083	* 1.9233	* 1.7808	* 3.2620
10	* 1.3450	* 1.6857	* 1.3723	* 1.7014	* 1.4561	* 1.6990	* 1.1185	*
	* 1.9938	* 1.5873	* 1.9573	* 1.5679	* 1.8347	* 1.5677	* 2.4035	*
11	* 1.6865	* 1.4255	* 1.7014	* 1.3882	* 1.7074	* 1.6627	* 0.9075	*
	* 1.5833	* 1.8792	* 1.5679	* 1.9199	* 1.5556	* 1.6003	* 2.9585	*
12	* 1.4519	* 1.7665	* 1.4546	* 1.7079	* 1.7452	* 1.0844	*	*
	* 1.8429	* 1.5097	* 1.8366	* 1.5552	* 1.5210	* 2.4563	*	*
13	* 1.2573	* 1.3880	* 1.6996	* 1.6636	* 1.0853	*	*	*
	* 2.1380	* 1.9293	* 1.5671	* 1.5994	* 2.4541	*	*	*
14	* 1.5269	* 1.5092	* 1.1173	* 0.9066	*	*	*	*
	* 1.7653	* 1.7826	* 2.4061	* 2.9613	*	*	*	*
15	* 0.9030	* 0.8258	* F-SUB-Q					
	* 3.0070	* 3.2872	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6534	* 1.3267	* 1.3334	* 1.6732	* 1.4380	* 1.2456	* 1.5190	* 0.8997
	* 1.6424	* 2.0509	* 2.0362	* 1.6170	* 1.8850	* 2.1868	* 1.8040	* 3.0672
9	* 1.3267	* 1.4558	* 1.6733	* 1.4127	* 1.7534	* 1.3793	* 1.5019	* 0.8321
	* 2.0509	* 1.8659	* 1.6199	* 1.9196	* 1.5412	* 1.9668	* 1.8198	* 3.3143
10	* 1.3334	* 1.6737	* 1.3593	* 1.6866	* 1.4411	* 1.6842	* 1.1122	*
	* 2.0362	* 1.6195	* 2.0003	* 1.6013	* 1.8757	* 1.6009	* 2.4498	*
11	* 1.6732	* 1.4121	* 1.6867	* 1.3730	* 1.6916	* 1.6474	* 0.9025	*
	* 1.6170	* 1.9204	* 1.6012	* 1.9611	* 1.5870	* 1.6334	* 3.0075	*
12	* 1.4380	* 1.7519	* 1.4397	* 1.6921	* 1.7291	* 1.0781	*	*
	* 1.8850	* 1.5425	* 1.8776	* 1.5866	* 1.5514	* 2.4987	*	*
13	* 1.2456	* 1.3752	* 1.6851	* 1.6485	* 1.0790	*	*	*
	* 2.1868	* 1.9728	* 1.6000	* 1.6323	* 2.4967	*	*	*
14	* 1.5190	* 1.5005	* 1.1111	* 0.9017	*	*	*	*
	* 1.8040	* 1.8215	* 2.4522	* 3.0101	*	*	*	*
15	* 0.8997	* 0.8248	* F-SUB-Q					
	* 3.0672	* 3.3437	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 140 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6157	* 1.3164	* 1.3021	* 1.6293	* 1.4021	* 1.2344	* 1.4798	* 0.8899 *
	* 1.7183	* 2.1113	* 2.1289	* 1.6963	* 1.9741	* 2.2524	* 1.8937	* 3.1705 *
9	* 1.3164	* 1.4421	* 1.6299	* 1.3800	* 1.7061	* 1.3470	* 1.4618	* 0.8328 *
	* 2.1113	* 1.9255	* 1.6988	* 2.0059	* 1.6173	* 2.0526	* 1.9132	* 3.3867 *
10	* 1.3021	* 1.6304	* 1.3262	* 1.6412	* 1.4069	* 1.6379	* 1.1054	*
	* 2.1289	* 1.6983	* 2.0915	* 1.6784	* 1.9591	* 1.6781	* 2.5178	*
11	* 1.6293	* 1.3794	* 1.6414	* 1.3387	* 1.6455	* 1.6003	* 0.9024	*
	* 1.6963	* 2.0068	* 1.6777	* 2.0462	* 1.6601	* 1.7121	* 3.0603	*
12	* 1.4021	* 1.7048	* 1.4056	* 1.6461	* 1.6802	* 1.0788	*	*
	* 1.9741	* 1.6186	* 1.9609	* 1.6595	* 1.6241	* 2.5369	*	*
13	* 1.2344	* 1.3442	* 1.6389	* 1.6015	* 1.0795	*	*	*
	* 2.2524	* 2.0570	* 1.6770	* 1.7108	* 2.5352	*	*	*
14	* 1.4798	* 1.4605	* 1.1044	* 0.9015	*	*	*	*
	* 1.8937	* 1.9150	* 2.5201	* 3.0631	*	*	*	*
15	* 0.8899	* 0.8244	* F-SUB-Q					
	* 3.1705	* 3.4213	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6330	* 1.2962	* 1.3021	* 1.6426	* 1.4038	* 1.2137	* 1.5000	* 0.8814 *
	* 1.7271	* 2.1734	* 2.1602	* 1.7107	* 2.0021	* 2.3204	* 1.8887	* 3.2170 *
9	* 1.2962	* 1.4265	* 1.6446	* 1.3769	* 1.7221	* 1.3484	* 1.4832	* 0.8132 *
	* 2.1734	* 1.9748	* 1.7106	* 2.0410	* 1.6302	* 2.0833	* 1.9065	* 3.4833 *
10	* 1.3021	* 1.6451	* 1.3253	* 1.6538	* 1.4041	* 1.6570	* 1.0824	*
	* 2.1602	* 1.7101	* 2.1222	* 1.6951	* 1.9951	* 1.6881	* 2.6001	*
11	* 1.6426	* 1.3764	* 1.6542	* 1.3384	* 1.6616	* 1.6223	* 0.8767	*
	* 1.7107	* 2.0418	* 1.6946	* 2.0826	* 1.6760	* 1.7199	* 3.1889	*
12	* 1.4038	* 1.7210	* 1.4029	* 1.6622	* 1.7025	* 1.0504	*	*
	* 2.0021	* 1.6311	* 1.9969	* 1.6754	* 1.6349	* 2.6498	*	*
13	* 1.2137	* 1.3443	* 1.6584	* 1.6238	* 1.0518	*	*	*
	* 2.3204	* 2.0895	* 1.6866	* 1.7184	* 2.6463	*	*	*
14	* 1.5000	* 1.4820	* 1.0815	* 0.8762	*	*	*	*
	* 1.8887	* 1.9080	* 2.6021	* 3.1908	*	*	*	*
15	* 0.8814	* 0.8054	* F-SUB-Q					
	* 3.2169	* 3.5164	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 141 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6263	* 1.2847	* 1.2902	* 1.6329	* 1.3908	* 1.2012	* 1.4951	* 0.8730
	* 1.6710	* 2.1026	* 2.0955	* 1.6654	* 1.9512	* 2.2520	* 1.8241	* 3.0966
9	* 1.2847	* 1.4159	* 1.6359	* 1.3629	* 1.7123	* 1.3370	* 1.4787	* 0.8012
	* 2.1026	* 1.9151	* 1.6613	* 1.9875	* 1.5909	* 2.0283	* 1.8421	* 3.3711
10	* 1.2902	* 1.6364	* 1.3130	* 1.6432	* 1.3897	* 1.6498	* 1.0669	*
	* 2.0955	* 1.6608	* 2.0613	* 1.6533	* 1.9493	* 1.6469	* 2.5354	*
11	* 1.6329	* 1.3623	* 1.6437	* 1.3260	* 1.6537	* 1.6166	* 0.8616	*
	* 1.6654	* 1.9882	* 1.6528	* 2.0344	* 1.6387	* 1.6774	* 3.1143	*
12	* 1.3908	* 1.7114	* 1.3886	* 1.6544	* 1.6970	* 1.0355	*	*
	* 1.9512	* 1.5915	* 1.9507	* 1.6381	* 1.5973	* 2.5973	*	*
13	* 1.2012	* 1.3330	* 1.6514	* 1.6182	* 1.0375	*	*	*
	* 2.2520	* 2.0340	* 1.6453	* 1.6757	* 2.5924	*	*	*
14	* 1.4951	* 1.4776	* 1.0659	* 0.8612	*	*	*	*
	* 1.8241	* 1.8432	* 2.5375	* 3.1156	*	*	*	*
15	* 0.8730	* 0.7934	* F-SUB-Q					
	* 3.0966	* 3.4032	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6138	* 1.2709	* 1.2752	* 1.6153	* 1.3738	* 1.1857	* 1.4792	* 0.8659
	* 1.6060	* 2.0271	* 2.0215	* 1.6048	* 1.8831	* 2.1731	* 1.7516	* 2.9642
9	* 1.2709	* 1.4016	* 1.6191	* 1.3470	* 1.6935	* 1.3207	* 1.4625	* 0.8001
	* 2.0271	* 1.8440	* 1.5993	* 1.9170	* 1.5334	* 1.9571	* 1.7703	* 3.2060
10	* 1.2752	* 1.6197	* 1.2973	* 1.6249	* 1.3730	* 1.6315	* 1.0608	*
	* 2.0215	* 1.5988	* 1.9881	* 1.5941	* 1.8819	* 1.5889	* 2.4292	*
11	* 1.6153	* 1.3465	* 1.6255	* 1.3091	* 1.6355	* 1.5981	* 0.8596	*
	* 1.6048	* 1.9177	* 1.5935	* 1.9676	* 1.5823	* 1.6197	* 2.9797	*
12	* 1.3738	* 1.6929	* 1.3720	* 1.6362	* 1.6783	* 1.0328	*	*
	* 1.8831	* 1.5339	* 1.8832	* 1.5816	* 1.5426	* 2.4886	*	*
13	* 1.1857	* 1.3169	* 1.6333	* 1.6000	* 1.0344	*	*	*
	* 2.1731	* 1.9625	* 1.5871	* 1.6178	* 2.4848	*	*	*
14	* 1.4792	* 1.4615	* 1.0602	* 0.8593	*	*	*	*
	* 1.7516	* 1.7714	* 2.4305	* 2.9807	*	*	*	*
15	* 0.8659	* 0.7924	* F-SUB-Q					
	* 2.9642	* 3.2363	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 142 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5826	* 1.2728	* 1.2543	* 1.5818	* 1.3508	* 1.1850	* 1.4453	* 0.8616
	* 1.5829	* 1.9586	* 1.9876	* 1.5830	* 1.8510	* 2.1043	* 1.7267	* 2.8681
9	* 1.2728	* 1.4000	* 1.5861	* 1.3255	* 1.6567	* 1.2986	* 1.4276	* 0.8082
	* 1.9586	* 1.7848	* 1.5774	* 1.8826	* 1.5138	* 1.9243	* 1.7474	* 3.0564
10	* 1.2543	* 1.5867	* 1.2753	* 1.5908	* 1.3504	* 1.5947	* 1.0645	*
	* 1.9876	* 1.5768	* 1.9546	* 1.5730	* 1.8490	* 1.5696	* 2.3359	*
11	* 1.5818	* 1.3250	* 1.5915	* 1.2864	* 1.6010	* 1.5600	* 0.8688	*
	* 1.5830	* 1.8833	* 1.5723	* 1.9360	* 1.5619	* 1.6028	* 2.8479	*
12	* 1.3508	* 1.6561	* 1.3495	* 1.6018	* 1.6398	* 1.0442	*	*
	* 1.8510	* 1.5141	* 1.8501	* 1.5612	* 1.5256	* 2.3799	*	*
13	* 1.1850	* 1.2962	* 1.5966	* 1.5620	* 1.0453	*	*	*
	* 2.1043	* 1.9277	* 1.5677	* 1.6008	* 2.3774	*	*	*
14	* 1.4453	* 1.4267	* 1.0639	* 0.8685	*	*	*	*
	* 1.7267	* 1.7484	* 2.3371	* 2.8490	*	*	*	*
15	* 0.8616	* 0.7995	* F-SUB-Q					
	* 2.8681	* 3.0890	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6208	* 1.2661	* 1.2702	* 1.6183	* 1.3680	* 1.1782	* 1.4851	* 0.8606
	* 1.5105	* 1.9227	* 1.9167	* 1.5107	* 1.7831	* 2.0590	* 1.6364	* 2.7950
9	* 1.2661	* 1.4006	* 1.6243	* 1.3403	* 1.6973	* 1.3159	* 1.4687	* 0.7913
	* 1.9227	* 1.7426	* 1.5045	* 1.8187	* 1.4422	* 1.8496	* 1.6543	* 3.0388
10	* 1.2702	* 1.6249	* 1.2921	* 1.6274	* 1.3660	* 1.6377	* 1.0497	*
	* 1.9167	* 1.5040	* 1.8848	* 1.5015	* 1.7845	* 1.4912	* 2.3093	*
11	* 1.6183	* 1.3398	* 1.6282	* 1.3042	* 1.6419	* 1.6058	* 0.8483	*
	* 1.5107	* 1.8193	* 1.5006	* 1.8646	* 1.4868	* 1.5193	* 2.8455	*
12	* 1.3680	* 1.6970	* 1.3651	* 1.6428	* 1.6883	* 1.0243	*	*
	* 1.7831	* 1.4424	* 1.7855	* 1.4861	* 1.4465	* 2.3688	*	*
13	* 1.1782	* 1.3122	* 1.6399	* 1.6080	* 1.0264	*	*	*
	* 2.0590	* 1.8546	* 1.4891	* 1.5173	* 2.3641	*	*	*
14	* 1.4851	* 1.4679	* 1.0489	* 0.8480	*	*	*	*
	* 1.6364	* 1.6551	* 2.3109	* 2.8465	*	*	*	*
15	* 0.8606	* 0.7835	* F-SUB-Q					
	* 2.7950	* 3.0684	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 143 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6251	* 1.2657	* 1.2702	* 1.6215	* 1.3688	* 1.1771	* 1.4897	* 0.8616
	* 1.4294	* 1.8271	* 1.8224	* 1.4353	* 1.6997	* 1.9738	* 1.5677	* 2.6966
9	* 1.2657	* 1.4027	* 1.6279	* 1.3405	* 1.7013	* 1.3173	* 1.4733	* 0.7930
	* 1.8271	* 1.6527	* 1.4269	* 1.7305	* 1.3721	* 1.7695	* 1.5851	* 2.9294
10	* 1.2702	* 1.6285	* 1.2925	* 1.6307	* 1.3665	* 1.6435	* 1.0503	
	* 1.8224	* 1.4264	* 1.7915	* 1.4280	* 1.7029	* 1.4230	* 2.2169	
11	* 1.6215	* 1.3400	* 1.6317	* 1.3052	* 1.6484	* 1.6124	* 0.8487	
	* 1.4353	* 1.7311	* 1.4271	* 1.7817	* 1.4167	* 1.4502	* 2.7371	
12	* 1.3688	* 1.7011	* 1.3657	* 1.6493	* 1.6964	* 1.0277		
	* 1.6997	* 1.3723	* 1.7038	* 1.4159	* 1.3783	* 2.2646		
13	* 1.1771	* 1.3136	* 1.6459	* 1.6147	* 1.0300			
	* 1.9738	* 1.7742	* 1.4209	* 1.4481	* 2.2597			
14	* 1.4897	* 1.4724	* 1.0495	* 0.8486				
	* 1.5677	* 1.5860	* 2.2184	* 2.7374				
15	* 0.8616	* 0.7846	* F-SUB-Q					
	* 2.6966	* 2.9602	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6301	* 1.2691	* 1.2727	* 1.6231	* 1.3734	* 1.1791	* 1.4886	* 0.8637
	* 1.3638	* 1.7453	* 1.7415	* 1.3719	* 1.6216	* 1.8873	* 1.5019	* 2.5786
9	* 1.2691	* 1.4064	* 1.6335	* 1.3447	* 1.7032	* 1.3215	* 1.4725	* 0.8104
	* 1.7453	* 1.5778	* 1.3606	* 1.6515	* 1.3111	* 1.6887	* 1.5182	* 2.7475
10	* 1.2727	* 1.6341	* 1.2954	* 1.6325	* 1.3712	* 1.6438	* 1.0551	
	* 1.7415	* 1.3601	* 1.7114	* 1.3647	* 1.6243	* 1.3612	* 2.1138	
11	* 1.6231	* 1.3443	* 1.6335	* 1.3079	* 1.6504	* 1.6125	* 0.8519	
	* 1.3719	* 1.6520	* 1.3639	* 1.7017	* 1.3535	* 1.3871	* 2.6130	
12	* 1.3734	* 1.7031	* 1.3705	* 1.6513	* 1.6971	* 1.0393		
	* 1.6216	* 1.3113	* 1.6252	* 1.3527	* 1.3177	* 2.1441		
13	* 1.1791	* 1.3178	* 1.6463	* 1.6149	* 1.0411			
	* 1.8873	* 1.6934	* 1.3592	* 1.3851	* 2.1404			
14	* 1.4886	* 1.4714	* 1.0544	* 0.8521				
	* 1.5019	* 1.5193	* 2.1152	* 2.6125				
15	* 0.8637	* 0.7879	* F-SUB-Q					
	* 2.5786	* 2.8259	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 144 of 306

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6190	* 1.2639	* 1.2645	* 1.6085	* 1.3682	* 1.1744	* 1.4639	* 0.8565 *
	* 1.3282	* 1.6965	* 1.6964	* 1.3378	* 1.5746	* 1.8341	* 1.4772	* 2.5181 *
9	* 1.2639	* 1.4005	* 1.6166	* 1.3404	* 1.6851	* 1.3155	* 1.4493	* 0.8012 *
	* 1.6965	* 1.5334	* 1.3290	* 1.6030	* 1.2820	* 1.6411	* 1.4921	* 2.6911 *
10	* 1.2645	* 1.6178	* 1.2873	* 1.6174	* 1.3671	* 1.6189	* 1.0526 *	
	* 1.6964	* 1.3281	* 1.6666	* 1.3308	* 1.5761	* 1.3359	* 2.0506 *	
11	* 1.6085	* 1.3400	* 1.6185	* 1.2982	* 1.6271	* 1.5864	* 0.8473 *	
	* 1.3378	* 1.6034	* 1.3299	* 1.6586	* 1.3267	* 1.3629	* 2.5434 *	
12	* 1.3682	* 1.6821	* 1.3664	* 1.6280	* 1.6682	* 1.0325 *		
	* 1.5746	* 1.2834	* 1.5768	* 1.3259	* 1.2956	* 2.0875 *		
13	* 1.1744	* 1.3119	* 1.6212	* 1.5886	* 1.0342 *			
	* 1.8341	* 1.6455	* 1.3341	* 1.3610	* 2.0842 *			
14	* 1.4639	* 1.4480	* 1.0517	* 0.8464 *				
	* 1.4772	* 1.4933	* 2.0523	* 2.5463 *				
15	* 0.8565	* 0.7835	* F-SUB-Q					
	* 2.5181	* 2.7520	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5566	* 1.2307	* 1.2230	* 1.5451	* 1.3276	* 1.1396	* 1.4014	* 0.8194 *
	* 1.3479	* 1.7018	* 1.7126	* 1.3587	* 1.5841	* 1.8462	* 1.5060	* 2.5718 *
9	* 1.2307	* 1.3535	* 1.5504	* 1.3010	* 1.6188	* 1.2756	* 1.3837	* 0.7690 *
	* 1.7018	* 1.5484	* 1.3520	* 1.6124	* 1.3015	* 1.6522	* 1.5252	* 2.7400 *
10	* 1.2230	* 1.5515	* 1.2444	* 1.5530	* 1.3267	* 1.5506	* 1.0139 *	
	* 1.7126	* 1.3511	* 1.6832	* 1.3522	* 1.5851	* 1.3603	* 2.0791 *	
11	* 1.5451	* 1.3006	* 1.5540	* 1.2505	* 1.5546	* 1.5115	* 0.8180 *	
	* 1.3587	* 1.6128	* 1.3514	* 1.6805	* 1.3541	* 1.3951	* 2.5742 *	
12	* 1.3276	* 1.6155	* 1.3260	* 1.5558	* 1.5870	* 0.9919 *		
	* 1.5841	* 1.3035	* 1.5860	* 1.3530	* 1.3279	* 2.1215 *		
13	* 1.1396	* 1.2720	* 1.5515	* 1.5133	* 0.9932 *			
	* 1.8462	* 1.6568	* 1.3595	* 1.3935	* 2.1186 *			
14	* 1.4014	* 1.3822	* 1.0130	* 0.8168 *				
	* 1.5060	* 1.5268	* 2.0809	* 2.5779 *				
15	* 0.8194	* 0.7539	* F-SUB-Q					
	* 2.5718	* 2.7949	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 475 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3182	* 1.0859	* 1.0614	* 1.3105	* 1.1656	* 0.9927	* 1.1902	* 0.6958
	* 1.5640	* 1.8972	* 1.9406	* 1.5740	* 1.7735	* 2.0847	* 1.7426	* 2.9807
9	* 1.0859	* 1.1849	* 1.3066	* 1.1355	* 1.3714	* 1.1160	* 1.1765	* 0.6587
	* 1.8973	* 1.7389	* 1.5765	* 1.8161	* 1.5080	* 1.8562	* 1.7631	* 3.1490
10	* 1.0614	* 1.3075	* 1.0789	* 1.3164	* 1.1565	* 1.3140	* 0.8724	*
	* 1.9406	* 1.5753	* 1.9088	* 1.5673	* 1.7874	* 1.5773	* 2.3760	*
11	* 1.3105	* 1.1352	* 1.3171	* 1.0790	* 1.3072	* 1.2776	* 0.7102	*
	* 1.5740	* 1.8165	* 1.5665	* 1.9118	* 1.5812	* 1.6215	* 2.9170	*
12	* 1.1656	* 1.3703	* 1.1558	* 1.3081	* 1.3258	* 0.8526	*	*
	* 1.7735	* 1.5091	* 1.7884	* 1.5801	* 1.5611	* 2.4275	*	*
13	* 0.9927	* 1.1126	* 1.3142	* 1.2789	* 0.8532	*	*	*
	* 2.0847	* 1.8617	* 1.5769	* 1.6199	* 2.4256	*	*	*
14	* 1.1903	* 1.1753	* 0.8716	* 0.7090	*	*	*	*
	* 1.7426	* 1.7649	* 2.3779	* 2.9220	*	*	*	*
15	* 0.6958	* 0.6487	* F-SUB-Q					
	* 2.9807	* 3.1966	* M-SUB-Q					

AT 75% POWER, 475 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.6377	* 0.5728	* 0.5828	* 0.6665	* 0.6115	* 0.5435	* 0.5627	* 0.3572
	* 3.1875	* 3.5485	* 3.4881	* 3.0527	* 3.3334	* 3.7583	* 3.6363	* 5.7348
9	* 0.5728	* 0.6136	* 0.6636	* 0.6034	* 0.6673	* 0.5827	* 0.5545	* 0.3349
	* 3.5485	* 3.3119	* 3.0633	* 3.3717	* 3.0546	* 3.5055	* 3.6902	* 6.1177
10	* 0.5828	* 0.6638	* 0.5920	* 0.6695	* 0.6088	* 0.6306	* 0.4537	*
	* 3.4881	* 3.0622	* 3.4348	* 3.0418	* 3.3479	* 3.2396	* 4.5098	*
11	* 0.6665	* 0.6032	* 0.6694	* 0.5914	* 0.6574	* 0.6025	* 0.3633	*
	* 3.0527	* 3.3724	* 3.0416	* 3.4421	* 3.1010	* 3.3904	* 5.6324	*
12	* 0.6115	* 0.6664	* 0.6084	* 0.6577	* 0.6238	* 0.4422	*	*
	* 3.3334	* 3.0590	* 3.3501	* 3.0997	* 3.2710	* 4.6200	*	*
13	* 0.5435	* 0.5812	* 0.6304	* 0.6028	* 0.4423	*	*	*
	* 3.7583	* 3.5148	* 3.2408	* 3.3883	* 4.6189	*	*	*
14	* 0.5627	* 0.5538	* 0.4533	* 0.3626	*	*	*	*
	* 3.6363	* 3.6952	* 4.5139	* 5.6423	*	*	*	*
15	* 0.3572	* 0.3336	* F-SUB-Q					
	* 5.7348	* 6.1410	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.6480	* 0.5920	* 0.5385	* 0.6126	* 0.5694	* 0.4774	* 0.3318	* 0.1672
	* 3.4012	* 3.7258	* 4.0969	* 3.5674	* 3.8337	* 4.5620	* 4.8598	* 7.9639
9	* 0.5920	* 0.5674	* 0.5747	* 0.5578	* 0.6004	* 0.5113	* 0.3802	* 0.1783
	* 3.7258	* 3.8774	* 3.6749	* 3.9167	* 3.6309	* 4.2556	* 5.0036	* 8.4906
10	* 0.5385	* 0.5751	* 0.4553	* 0.5600	* 0.5334	* 0.5237	* 0.3687	*
	* 4.0969	* 3.6731	* 4.0233	* 3.7962	* 4.0789	* 4.1509	* 5.8168	*
11	* 0.6126	* 0.5540	* 0.5584	* 0.4913	* 0.5353	* 0.4750	* 0.2874	*
	* 3.5674	* 3.9441	* 3.7994	* 4.3302	* 4.0624	* 4.5829	* 7.5231	*
12	* 0.5694	* 0.5957	* 0.5311	* 0.5343	* 0.4762	* 0.3517	*	*
	* 3.8337	* 3.6596	* 4.0967	* 4.0698	* 4.6091	* 6.2022	*	*
13	* 0.4774	* 0.5079	* 0.5210	* 0.4732	* 0.3500	*	*	*
	* 4.5620	* 4.2845	* 4.1726	* 4.6001	* 6.2329	*	*	*
14	* 0.3318	* 0.3779	* 0.3664	* 0.2856	*	*	*	*
	* 4.8598	* 5.0237	* 5.8493	* 7.5690	*	*	*	*
15	* 0.1672	* 0.1766	* F-SUB-Q					
	* 7.9639	* 8.5440	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.3982	* 1.2148	* 1.0676	* 1.2734	* 1.1892	* 0.9650	* 0.7714	* 0.3557
	* 1.6439	* 1.8907	* 2.1301	* 1.7863	* 1.9143	* 2.2781	* 2.1543	* 3.9191
9	* 1.2148	* 1.1824	* 1.1786	* 1.1322	* 1.3094	* 1.0671	* 0.8855	* 0.3694
	* 1.8907	* 1.9058	* 1.8545	* 2.0094	* 1.7375	* 2.1258	* 2.2110	* 4.2532
10	* 1.0676	* 1.1795	* 0.8895	* 1.1667	* 1.1124	* 1.1831	* 0.7620	*
	* 2.1301	* 1.8533	* 2.1016	* 1.8862	* 2.0401	* 1.9181	* 2.8988	*
11	* 1.2734	* 1.1275	* 1.1633	* 0.9875	* 1.1225	* 1.0813	* 0.5886	*
	* 1.7863	* 2.0179	* 1.8879	* 2.2287	* 2.0163	* 2.0998	* 3.8346	*
12	* 1.1892	* 1.2980	* 1.1075	* 1.1203	* 1.0652	* 0.6884	*	*
	* 1.9143	* 1.7530	* 2.0491	* 2.0203	* 2.1317	* 3.2880	*	*
13	* 0.9650	* 1.0592	* 1.1768	* 1.0772	* 0.6858	*	*	*
	* 2.2781	* 2.1419	* 1.9284	* 2.1077	* 3.3003	*	*	*
14	* 0.7714	* 0.8798	* 0.7570	* 0.5849	*	*	*	*
	* 2.1543	* 2.2201	* 2.9161	* 3.8593	*	*	*	*
15	* 0.3557	* 0.3625	* F-SUB-Q					
	* 3.9191	* 4.3164	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.4672	* 1.3951	* 1.2358	* 1.3783	* 1.3590	* 1.1512	* 0.9523	* 0.4443
	* 1.6338	* 1.7148	* 1.9145	* 1.7232	* 1.7487	* 1.9786	* 1.9272	* 3.3721
9	* 1.3951	* 1.3703	* 1.2651	* 1.3006	* 1.3899	* 1.2414	* 1.0472	* 0.4507
	* 1.7148	* 1.7432	* 1.8489	* 1.8299	* 1.7118	* 1.9049	* 1.9513	* 3.6470
10	* 1.2358	* 1.2677	* 1.0140	* 1.2520	* 1.2782	* 1.3153	* 0.9263	*
	* 1.9145	* 1.8458	* 1.9172	* 1.8161	* 1.8534	* 1.8018	* 2.4754	*
11	* 1.3783	* 1.2898	* 1.2476	* 1.1475	* 1.2115	* 1.2638	* 0.7038	*
	* 1.7232	* 1.8456	* 1.8195	* 2.0033	* 1.9508	* 1.8719	* 3.3487	*
12	* 1.3590	* 1.3759	* 1.2720	* 1.2078	* 1.2172	* 0.7953	*	*
	* 1.7487	* 1.7295	* 1.8625	* 1.9568	* 1.9385	* 2.9578	*	*
13	* 1.1512	* 1.2326	* 1.3086	* 1.2587	* 0.7928	*	*	*
	* 1.9786	* 1.9217	* 1.8112	* 1.8795	* 2.9667	*	*	*
14	* 0.9523	* 1.0395	* 0.9198	* 0.6992	*	*	*	*
	* 1.9272	* 1.9595	* 2.4912	* 3.3708	*	*	*	*
15	* 0.4443	* 0.4439	* F-SUB-Q					
	* 3.3721	* 3.6929	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.6373	* 1.5327	* 1.3571	* 1.5422	* 1.5054	* 1.2905	* 1.1147	* 0.5089
	* 1.5499	* 1.6514	* 1.8425	* 1.6353	* 1.6699	* 1.8614	* 1.7517	* 3.1732
9	* 1.5327	* 1.5140	* 1.4224	* 1.4168	* 1.5632	* 1.3886	* 1.2221	* 0.5093
	* 1.6514	* 1.6703	* 1.7397	* 1.7766	* 1.6159	* 1.7936	* 1.7719	* 3.4932
10	* 1.3571	* 1.4253	* 1.0874	* 1.4076	* 1.4158	* 1.5000	* 1.0323	*
	* 1.8425	* 1.7360	* 1.8948	* 1.7167	* 1.7755	* 1.6738	* 2.3488	*
11	* 1.5422	* 1.4097	* 1.4023	* 1.2456	* 1.3674	* 1.4357	* 0.7613	*
	* 1.6353	* 1.7851	* 1.7203	* 1.9563	* 1.8307	* 1.7441	* 3.2815	*
12	* 1.5054	* 1.5470	* 1.4081	* 1.3628	* 1.3676	* 0.8485	*	*
	* 1.6699	* 1.6332	* 1.7853	* 1.8369	* 1.8256	* 2.9302	*	*
13	* 1.2905	* 1.3760	* 1.4916	* 1.4295	* 0.8464	*	*	*
	* 1.8614	* 1.8116	* 1.6833	* 1.7519	* 2.9376	*	*	*
14	* 1.1147	* 1.2126	* 1.0243	* 0.7558	*	*	*	*
	* 1.7517	* 1.7799	* 2.3656	* 3.3054	*	*	*	*
15	* 0.5089	* 0.5013	* F-SUB-Q					
	* 3.1732	* 3.5488	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 148 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.7041	* 1.5780	* 1.4042	* 1.6191	* 1.5724	* 1.3556	* 1.2055	* 0.5610
	* 1.6102	* 1.7362	* 1.9151	* 1.6831	* 1.7067	* 1.9088	* 1.7705	* 3.2191
9	* 1.5780	* 1.5601	* 1.4827	* 1.4721	* 1.6402	* 1.4596	* 1.3150	* 0.5558
	* 1.7362	* 1.7404	* 1.7962	* 1.8342	* 1.6608	* 1.8364	* 1.7913	* 3.5400
10	* 1.4042	* 1.4859	* 1.1481	* 1.4842	* 1.4785	* 1.5860	* 1.1026	*
	* 1.9151	* 1.7921	* 1.9535	* 1.7561	* 1.8324	* 1.7032	* 2.3682	*
11	* 1.6191	* 1.4641	* 1.4781	* 1.3140	* 1.4405	* 1.5163	* 0.8046	*
	* 1.6831	* 1.8439	* 1.7604	* 2.0029	* 1.8746	* 1.7761	* 3.3333	*
12	* 1.5724	* 1.6222	* 1.4698	* 1.4354	* 1.4397	* 0.8913	*	*
	* 1.7067	* 1.6793	* 1.8421	* 1.8815	* 1.8701	* 3.0014	*	*
13	* 1.3556	* 1.4454	* 1.5761	* 1.5092	* 0.8891	*	*	*
	* 1.9088	* 1.8549	* 1.7138	* 1.7846	* 3.0088	*	*	*
14	* 1.2055	* 1.3048	* 1.0937	* 0.7988	*	*	*	*
	* 1.7705	* 1.8002	* 2.3860	* 3.3579	*	*	*	*
15	* 0.5610	* 0.5478	* F-SUB-Q					
	* 3.2191	* 3.5895	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7585	* 1.6210	* 1.4541	* 1.6893	* 1.6441	* 1.4246	* 1.3204	* 0.6359
	* 1.6825	* 1.8145	* 1.9949	* 1.7294	* 1.7547	* 1.9748	* 1.8230	* 3.3278
9	* 1.6210	* 1.6062	* 1.5423	* 1.5380	* 1.7115	* 1.5293	* 1.4161	* 0.6184
	* 1.8145	* 1.8170	* 1.8682	* 1.8978	* 1.7065	* 1.8837	* 1.8415	* 3.6455
10	* 1.4541	* 1.5461	* 1.2340	* 1.5627	* 1.5418	* 1.6623	* 1.1708	*
	* 1.9949	* 1.8635	* 2.0355	* 1.8143	* 1.8837	* 1.7598	* 2.4164	*
11	* 1.6893	* 1.5224	* 1.5559	* 1.3818	* 1.5057	* 1.5846	* 0.8434	*
	* 1.7294	* 1.9087	* 1.8192	* 2.0683	* 1.9567	* 1.8502	* 3.4733	*
12	* 1.6441	* 1.6920	* 1.5321	* 1.5000	* 1.5037	* 0.9296	*	*
	* 1.7547	* 1.7264	* 1.8946	* 1.9643	* 1.9482	* 3.1154	*	*
13	* 1.4246	* 1.5136	* 1.6511	* 1.5768	* 0.9273	*	*	*
	* 1.9748	* 1.9031	* 1.7722	* 1.8596	* 3.1233	*	*	*
14	* 1.3204	* 1.4049	* 1.1610	* 0.8370	*	*	*	*
	* 1.8230	* 1.8514	* 2.4361	* 3.5000	*	*	*	*
15	* 0.6359	* 0.6102	* F-SUB-Q					
	* 3.3278	* 3.6942	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 149 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.8394	* 1.6877	* 1.5275	* 1.7857	* 1.7410	* 1.5206	* 1.5311	* 0.7647
	* 1.7468	* 1.8900	* 2.0746	* 1.7791	* 1.8050	* 2.0286	* 1.8604	* 3.4478
9	* 1.6877	* 1.6802	* 1.6367	* 1.6112	* 1.8139	* 1.6224	* 1.5617	* 0.7218
	* 1.8900	* 1.8811	* 1.9271	* 1.9650	* 1.7509	* 1.9333	* 1.8753	* 3.7868
10	* 1.5275	* 1.6407	* 1.3938	* 1.6755	* 1.6285	* 1.7634	* 1.2432	*
	* 2.0746	* 1.9223	* 2.1280	* 1.8562	* 1.9421	* 1.7968	* 2.4903	*
11	* 1.7857	* 1.6015	* 1.6695	* 1.4537	* 1.5939	* 1.6753	* 0.8746	*
	* 1.7791	* 1.9768	* 1.8616	* 2.1443	* 2.0052	* 1.9141	* 3.6512	*
12	* 1.7410	* 1.7929	* 1.6184	* 1.5876	* 1.5899	* 0.9625	*	*
	* 1.8050	* 1.7717	* 1.9541	* 2.0122	* 2.0208	* 3.3032	*	*
13	* 1.5206	* 1.6047	* 1.7509	* 1.6667	* 0.9603	*	*	*
	* 2.0286	* 1.9542	* 1.8101	* 1.9238	* 3.3109	*	*	*
14	* 1.5311	* 1.5493	* 1.2325	* 0.8675	*	*	*	*
	* 1.8604	* 1.8858	* 2.5113	* 3.6804	*	*	*	*
15	* 0.7647	* 0.7102	* F-SUB-Q					
	* 3.4478	* 3.8457	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.8890	* 1.7349	* 1.5809	* 1.8511	* 1.8126	* 1.5976	* 1.6921	* 0.8928
	* 1.8625	* 2.0190	* 2.2145	* 1.8850	* 1.9115	* 2.1539	* 1.9550	* 3.6169
9	* 1.7349	* 1.7319	* 1.7009	* 1.6697	* 1.8826	* 1.6915	* 1.6943	* 0.8195
	* 2.0190	* 2.0072	* 2.0542	* 2.0891	* 1.8530	* 2.0425	* 1.9728	* 3.9737
10	* 1.5809	* 1.7053	* 1.5168	* 1.7609	* 1.6925	* 1.8331	* 1.3066	*
	* 2.2145	* 2.0488	* 2.2732	* 1.9665	* 2.0548	* 1.8896	* 2.6319	*
11	* 1.8511	* 1.6594	* 1.7545	* 1.5155	* 1.6525	* 1.7343	* 0.9039	*
	* 1.8850	* 2.1024	* 1.9737	* 2.2754	* 2.1074	* 2.0080	* 3.8424	*
12	* 1.8126	* 1.8603	* 1.6815	* 1.6457	* 1.6461	* 0.9910	*	*
	* 1.9115	* 1.8757	* 2.0683	* 2.1160	* 2.1191	* 3.5271	*	*
13	* 1.5976	* 1.6726	* 1.8191	* 1.7250	* 0.9888	*	*	*
	* 2.1539	* 2.0657	* 1.9043	* 2.0188	* 3.5348	*	*	*
14	* 1.6921	* 1.6842	* 1.2950	* 0.8962	*	*	*	*
	* 1.9550	* 1.9843	* 2.6552	* 3.8750	*	*	*	*
15	* 0.8928	* 0.8068	* F-SUB-Q					
	* 3.6169	* 4.0346	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 150 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.9613	* 1.7990	* 1.6415	* 1.9358	* 1.8949	* 1.6757	* 1.8328	* 0.9675 *
	* 1.9641	* 2.1367	* 2.3419	* 1.9738	* 2.0035	* 2.2577	* 2.0334	* 3.8213 *
9	* 1.7990	* 1.8118	* 1.7819	* 1.7358	* 1.9730	* 1.7698	* 1.8239	* 0.8790 *
	* 2.1367	* 2.1131	* 2.1549	* 2.2032	* 1.9356	* 2.1376	* 2.0498	* 4.2145 *
10	* 1.6415	* 1.7863	* 1.5871	* 1.8544	* 1.7640	* 1.9218	* 1.3579	*
	* 2.3419	* 2.1493	* 2.3985	* 2.0530	* 2.1596	* 1.9691	* 2.7781	*
11	* 1.9358	* 1.7247	* 1.8484	* 1.5846	* 1.7287	* 1.8126	* 0.9231	*
	* 1.9738	* 2.2176	* 2.0608	* 2.4092	* 2.2001	* 2.0951	* 4.1030	*
12	* 1.8949	* 1.9494	* 1.7521	* 1.7214	* 1.7200	* 1.0136	*	*
	* 2.0035	* 1.9594	* 2.1744	* 2.2093	* 2.2126	* 3.7544	*	*
13	* 1.6757	* 1.7493	* 1.9064	* 1.8026	* 1.0115	*	*	*
	* 2.2577	* 2.1628	* 1.9849	* 2.1067	* 3.7619	*	*	*
14	* 1.8328	* 1.8130	* 1.3452	* 0.9159	*	*	*	*
	* 2.0334	* 2.0621	* 2.8039	* 4.1346	*	*	*	*
15	* 0.9675	* 0.8621	* F-SUB-Q					
	* 3.8213	* 4.2958	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.9248	* 1.7790	* 1.6261	* 1.9095	* 1.8848	* 1.6712	* 1.8309	* 0.9925 *
	* 2.2067	* 2.3862	* 2.6111	* 2.2052	* 2.2204	* 2.4984	* 2.2543	* 4.1340 *
9	* 1.7790	* 1.7985	* 1.7490	* 1.7339	* 1.9424	* 1.7603	* 1.8164	* 0.9126 *
	* 2.3862	* 2.3548	* 2.4245	* 2.4354	* 2.1595	* 2.3670	* 2.2764	* 4.4997 *
10	* 1.6261	* 1.7539	* 1.6112	* 1.8351	* 1.7526	* 1.9001	* 1.3826	*
	* 2.6111	* 2.4175	* 2.6328	* 2.2894	* 2.3944	* 2.1892	* 3.0053	*
11	* 1.9095	* 1.7149	* 1.8288	* 1.6111	* 1.7034	* 1.7855	* 0.9466	*
	* 2.2052	* 2.4626	* 2.2982	* 2.6199	* 2.4532	* 2.3348	* 4.3892	*
12	* 1.8848	* 1.9180	* 1.7403	* 1.6973	* 1.6937	* 1.0339	*	*
	* 2.2204	* 2.1939	* 2.4113	* 2.4638	* 2.4665	* 4.0326	*	*
13	* 1.6712	* 1.7393	* 1.8844	* 1.7752	* 1.0313	*	*	*
	* 2.4984	* 2.3954	* 2.2072	* 2.3480	* 4.0423	*	*	*
14	* 1.8309	* 1.8050	* 1.3696	* 0.9383	*	*	*	*
	* 2.2543	* 2.2906	* 3.0332	* 4.4269	*	*	*	*
15	* 0.9925	* 0.8980	* F-SUB-Q					
	* 4.1340	* 4.5718	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 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	1.9874	1.8246	1.6670	1.9812	1.9471	1.7228	1.9186	1.0163
	2.3326	2.5400	2.7805	2.3379	2.3675	2.6721	2.3813	4.4739
9	1.8246	1.8510	1.8161	1.7688	2.0230	1.8204	1.9044	0.9234
	2.5400	2.5055	2.5521	2.6219	2.2858	2.5164	2.4006	4.9235
10	1.6670	1.8210	1.6287	1.9059	1.8049	1.9787	1.4002	
	2.7805	2.5454	2.8502	2.4189	2.5516	2.3051	3.2618	
11	1.9812	1.7567	1.8991	1.6293	1.7723	1.8594	0.9438	
	2.3379	2.6403	2.4285	2.8470	2.5765	2.4482	4.7997	
12	1.9471	1.9977	1.7917	1.7643	1.7620	1.0352		
	2.3675	2.3157	2.5701	2.5877	2.5832	4.3730		
13	1.7228	1.7977	1.9618	1.8483	1.0330			
	2.6721	2.5477	2.3244	2.4622	4.3813			
14	1.9186	1.8922	1.3864	0.9359				
	2.3813	2.4157	3.2932	4.8378				
15	1.0163	0.9056	F-SUB-Q					
	4.4739	5.0188	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	1.9762	1.8138	1.6582	1.9800	1.9475	1.7215	1.9270	1.0203
	2.3507	2.5602	2.7998	2.3458	2.3897	2.7060	2.4295	4.6005
9	1.8138	1.8446	1.8083	1.7631	2.0217	1.8219	1.9115	0.9284
	2.5602	2.5200	2.5680	2.6354	2.2992	2.5566	2.4466	5.0534
10	1.6582	1.8132	1.6240	1.9060	1.8031	1.9829	1.4037	
	2.7998	2.5611	2.8667	2.4376	2.5778	2.3485	3.3275	
11	1.9800	1.7505	1.8986	1.6304	1.7745	1.8622	0.9462	
	2.3458	2.6545	2.4481	2.8537	2.6182	2.4982	4.9282	
12	1.9475	1.9959	1.7892	1.7661	1.7640	1.0376		
	2.3897	2.3291	2.5982	2.6310	2.6341	4.4858		
13	1.7215	1.7982	1.9652	1.8506	1.0354			
	2.7060	2.5906	2.3700	2.5141	4.4956			
14	1.9270	1.8988	1.3896	0.9378				
	2.4295	2.4631	3.3618	4.9733				
15	1.0203	0.9124	F-SUB-Q					
	4.6005	5.1407	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 152 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.9102	1.7605	1.6112	1.9211	1.9006	1.6805	1.8760	1.0070
	2.4163	2.6208	2.8620	2.4023	2.4353	2.7574	2.4875	4.6474
9	1.7605	1.7924	1.7460	1.7246	1.9612	1.7782	1.8596	0.9259
	2.6208	2.5772	2.6420	2.6790	2.3570	2.6038	2.5057	5.0501
10	1.6112	1.7511	1.5958	1.8513	1.7585	1.9309	1.3899	
	2.8620	2.6343	2.8942	2.4908	2.6238	2.3955	3.3401	
11	1.9211	1.7043	1.8431	1.6088	1.7245	1.8106	0.9437	
	2.4023	2.7095	2.5021	2.8687	2.6702	2.5467	4.8931	
12	1.9006	1.9336	1.7444	1.7160	1.7147	1.0337		
	2.4353	2.3887	2.6452	2.6833	2.6823	4.4497		
13	1.6805	1.7544	1.9130	1.7990	1.0313			
	2.7574	2.6395	2.4182	2.5636	4.4607			
14	1.8760	1.8467	1.3754	0.9344				
	2.4875	2.5235	3.3757	4.9430				
15	1.0070	0.9105	F-SUB-Q					
	4.6474	5.1342	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	1.9210	1.7569	1.6072	1.9375	1.9101	1.6847	1.9060	0.9984
	2.3305	2.5474	2.7768	2.3075	2.3497	2.6577	2.3564	4.4565
9	1.7569	1.7931	1.7623	1.7149	1.9849	1.7902	1.8917	0.9079
	2.5474	2.4968	2.5344	2.6044	2.2531	2.5016	2.3720	4.8962
10	1.6072	1.7672	1.5792	1.8695	1.7627	1.9579	1.3695	
	2.7768	2.5276	2.8195	2.3837	2.5317	2.2851	3.2552	
11	1.9375	1.7017	1.8609	1.5815	1.7475	1.8378	0.9170	
	2.3075	2.6239	2.3943	2.8092	2.5397	2.4165	4.8061	
12	1.9101	1.9583	1.7479	1.7385	1.7386	1.0122		
	2.3497	2.2824	2.5523	2.5522	2.5408	4.3352		
13	1.6847	1.7651	1.9391	1.8255	1.0101			
	2.6577	2.5360	2.3064	2.4321	4.3436			
14	1.9060	1.8782	1.3544	0.9087				
	2.3564	2.3883	3.2901	4.8488				
15	0.9984	0.8893	F-SUB-Q					
	4.4565	4.9949	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 153 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.8871	1.7197	1.5738	1.9082	1.8810	1.6565	1.8868	0.9801
	2.1550	2.3629	2.5735	2.1300	2.1700	2.4578	2.1650	4.1310
9	1.7197	1.7588	1.7324	1.6821	1.9582	1.7652	1.8732	0.8898
	2.3629	2.3100	2.3403	2.4130	2.0770	2.3086	2.1794	4.5473
10	1.5738	1.7372	1.5490	1.8435	1.7334	1.9368	1.3423	
	2.5735	2.3340	2.6082	2.1981	2.3419	2.1032	3.0229	
11	1.9082	1.6686	1.8346	1.5542	1.7273	1.8187	0.8952	
	2.1300	2.4318	2.2084	2.5975	2.3379	2.2225	4.4820	
12	1.8810	1.9314	1.7183	1.7181	1.7195	0.9916		
	2.1700	2.1047	2.3618	2.3499	2.3362	4.0222		
13	1.6565	1.7394	1.9175	1.8061	0.9891			
	2.4578	2.3417	2.1236	2.2374	4.0317			
14	1.8868	1.8594	1.3271	0.8870				
	2.1650	2.1950	3.0566	4.5227				
15	0.9801	0.8705	F-SUB-Q					
	4.1310	4.6445	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	1.8312	1.6699	1.5281	1.8579	1.8339	1.6127	1.8404	0.9568
	2.0055	2.1971	2.3935	1.9788	2.0151	2.2866	2.0143	3.8437
9	1.6699	1.7099	1.6824	1.6351	1.9066	1.7207	1.8268	0.8713
	2.1971	2.1463	2.1768	2.2450	1.9304	2.1452	2.0275	4.2175
10	1.5281	1.6872	1.5054	1.7965	1.6888	1.8904	1.3124	
	2.3935	2.1708	2.4257	2.0402	2.1747	1.9517	2.8021	
11	1.8579	1.6216	1.7876	1.5132	1.6845	1.7741	0.8774	
	1.9788	2.2629	2.0500	2.4119	2.1723	2.0658	4.1477	
12	1.8339	1.8801	1.6735	1.6753	1.6772	0.9725		
	2.0151	1.9566	2.1938	2.1838	2.1730	3.7190		
13	1.6127	1.6949	1.8710	1.7614	0.9705			
	2.2866	2.1768	1.9713	2.0801	3.7264			
14	1.8404	1.8129	1.2971	0.8690				
	2.0143	2.0425	2.8343	4.1869				
15	0.9568	0.8531	F-SUB-Q					
	3.8437	4.3044	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 154 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.7387	* 1.5964	* 1.4623	* 1.7723	* 1.7576	* 1.5457	* 1.7549	* 0.9275 *
	* 1.9115	* 2.0790	* 2.2635	* 1.8788	* 1.9062	* 2.1652	* 1.9233	* 3.6200 *
9	* 1.5964	* 1.6360	* 1.5972	* 1.5721	* 1.8178	* 1.6481	* 1.7400	* 0.8542 *
	* 2.0790	* 2.0311	* 2.0751	* 2.1167	* 1.8382	* 2.0310	* 1.9369	* 3.9258 *
10	* 1.4623	* 1.6022	* 1.4546	* 1.7149	* 1.6192	* 1.8054	* 1.2795	*
	* 2.2634	* 2.0692	* 2.2746	* 1.9361	* 2.0541	* 1.8521	* 2.6094	*
11	* 1.7723	* 1.5528	* 1.7061	* 1.4720	* 1.6074	* 1.6924	* 0.8653	*
	* 1.8788	* 2.1405	* 1.9457	* 2.2474	* 2.0560	* 1.9540	* 3.8005	*
12	* 1.7576	* 1.7882	* 1.6043	* 1.5983	* 1.6006	* 0.9549	*	*
	* 1.9062	* 1.8640	* 2.0726	* 2.0672	* 2.0510	* 3.4085	*	*
13	* 1.5457	* 1.6229	* 1.7863	* 1.6800	* 0.9526	*	*	*
	* 2.1652	* 2.0616	* 1.8712	* 1.9680	* 3.4164	*	*	*
14	* 1.7549	* 1.7263	* 1.2645	* 0.8557	*	*	*	*
	* 1.9233	* 1.9519	* 2.6397	* 3.8424	*	*	*	*
15	* 0.9275	* 0.8395	* F-SUB-Q					
	* 3.6200	* 3.9919	* 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	* 1.7466	* 1.5829	* 1.4483	* 1.7757	* 1.7490	* 1.5319	* 1.7645	* 0.9050 *
	* 1.7148	* 1.8896	* 2.0603	* 1.6931	* 1.7296	* 1.9735	* 1.7321	* 3.3644 *
9	* 1.5829	* 1.6266	* 1.6056	* 1.5516	* 1.8255	* 1.6413	* 1.7520	* 0.8230 *
	* 1.8896	* 1.8429	* 1.8625	* 1.9340	* 1.6501	* 1.8421	* 1.7412	* 3.6950 *
10	* 1.4483	* 1.6103	* 1.4283	* 1.7191	* 1.6074	* 1.8133	* 1.2408	*
	* 2.0603	* 1.8573	* 2.0923	* 1.7441	* 1.8676	* 1.6655	* 2.4323	*
11	* 1.7757	* 1.5381	* 1.7100	* 1.4395	* 1.6153	* 1.7025	* 0.8258	*
	* 1.6931	* 1.9503	* 1.7530	* 2.0723	* 1.8508	* 1.7590	* 3.6053	*
12	* 1.7490	* 1.7993	* 1.5920	* 1.6060	* 1.6094	* 0.9202	*	*
	* 1.7296	* 1.6732	* 1.8850	* 1.8612	* 1.8489	* 3.2142	*	*
13	* 1.5319	* 1.6152	* 1.7936	* 1.6898	* 0.9179	*	*	*
	* 1.9735	* 1.8709	* 1.6832	* 1.7718	* 3.2222	*	*	*
14	* 1.7645	* 1.7380	* 1.2255	* 0.8176	*	*	*	*
	* 1.7321	* 1.7549	* 2.4620	* 3.6407	*	*	*	*
15	* 0.9050	* 0.8044	* F-SUB-Q					
	* 3.3644	* 3.7773	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 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	* 1.6912	* 1.5317	* 1.4006	* 1.7162	* 1.6920	* 1.4793	* 1.7041	* 0.8711
	* 1.6248	* 1.7904	* 1.9536	* 1.6082	* 1.6400	* 1.8729	* 1.6380	* 3.1873
9	* 1.5317	* 1.5748	* 1.5539	* 1.4994	* 1.7659	* 1.5866	* 1.6928	* 0.7931
	* 1.7904	* 1.7436	* 1.7647	* 1.8370	* 1.5663	* 1.7491	* 1.6475	* 3.4989
10	* 1.4006	* 1.5584	* 1.3796	* 1.6611	* 1.5538	* 1.7532	* 1.1961	*
	* 1.9536	* 1.7598	* 1.9850	* 1.6577	* 1.7752	* 1.5836	* 2.3157	*
11	* 1.7162	* 1.4861	* 1.6522	* 1.3907	* 1.5611	* 1.6459	* 0.7953	*
	* 1.6082	* 1.8529	* 1.6662	* 1.9698	* 1.7635	* 1.6763	* 3.4503	*
12	* 1.6920	* 1.7402	* 1.5387	* 1.5520	* 1.5555	* 0.8886	*	*
	* 1.6400	* 1.5887	* 1.7921	* 1.7735	* 1.7639	* 3.0750	*	*
13	* 1.4793	* 1.5610	* 1.7337	* 1.6333	* 0.8863	*	*	*
	* 1.8729	* 1.7770	* 1.6007	* 1.6887	* 3.0826	*	*	*
14	* 1.7041	* 1.6788	* 1.1810	* 0.7873	*	*	*	*
	* 1.6380	* 1.6608	* 2.3446	* 3.4848	*	*	*	*
15	* 0.8711	* 0.7745	* F-SUB-Q					
	* 3.1873	* 3.5797	* 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	* 1.6375	* 1.4791	* 1.3509	* 1.6449	* 1.6243	* 1.4191	* 1.6242	* 0.8306
	* 1.5679	* 1.7318	* 1.8928	* 1.5679	* 1.5956	* 1.8242	* 1.6035	* 3.1196
9	* 1.4791	* 1.5177	* 1.5035	* 1.4434	* 1.7025	* 1.5200	* 1.6215	* 0.7749
	* 1.7318	* 1.6893	* 1.7039	* 1.7840	* 1.5186	* 1.7068	* 1.6054	* 3.3432
10	* 1.3509	* 1.5079	* 1.3268	* 1.5900	* 1.4932	* 1.6833	* 1.1464	*
	* 1.8928	* 1.6991	* 1.9293	* 1.6194	* 1.7277	* 1.5417	* 2.2598	*
11	* 1.6449	* 1.4306	* 1.5816	* 1.3351	* 1.4929	* 1.5792	* 0.7627	*
	* 1.5679	* 1.7995	* 1.6278	* 1.9194	* 1.7265	* 1.6363	* 3.3732	*
12	* 1.6243	* 1.6776	* 1.4787	* 1.4844	* 1.4928	* 0.8710	*	*
	* 1.5956	* 1.5405	* 1.7441	* 1.7334	* 1.7225	* 2.9444	*	*
13	* 1.4191	* 1.4953	* 1.6624	* 1.5671	* 0.8687	*	*	*
	* 1.8242	* 1.7341	* 1.5604	* 1.6485	* 2.9519	*	*	*
14	* 1.6242	* 1.6084	* 1.1319	* 0.7548	*	*	*	*
	* 1.6035	* 1.6182	* 2.2879	* 3.4075	*	*	*	*
15	* 0.8306	* 0.7412	* F-SUB-Q					
	* 3.1196	* 3.4927	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 156 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.5696	* 1.4140	* 1.2905	* 1.5515	* 1.5358	* 1.3415	* 1.5244	* 0.7771
	* 1.5533	* 1.7203	* 1.8819	* 1.5797	* 1.6020	* 1.8326	* 1.6213	* 3.1685
9	* 1.4140	* 1.4464	* 1.4409	* 1.3769	* 1.6225	* 1.4324	* 1.5237	* 0.7237
	* 1.7203	* 1.6827	* 1.6881	* 1.7761	* 1.5127	* 1.7201	* 1.6218	* 3.4006
10	* 1.2905	* 1.4451	* 1.2642	* 1.4928	* 1.4182	* 1.5932	* 1.0828	*
	* 1.8819	* 1.6833	* 1.9236	* 1.6382	* 1.7279	* 1.5467	* 2.2736	*
11	* 1.5515	* 1.3650	* 1.4850	* 1.2716	* 1.4164	* 1.4912	* 0.7234	*
	* 1.5797	* 1.7911	* 1.6466	* 1.9144	* 1.7263	* 1.6471	* 3.3844	*
12	* 1.5358	* 1.5994	* 1.4048	* 1.4107	* 1.4115	* 0.8250	*	*
	* 1.6019	* 1.5341	* 1.7439	* 1.7331	* 1.7319	* 2.9580	*	*
13	* 1.3415	* 1.4097	* 1.5738	* 1.4799	* 0.8227	*	*	*
	* 1.8326	* 1.7471	* 1.5652	* 1.6593	* 2.9659	*	*	*
14	* 1.5244	* 1.5111	* 1.0692	* 0.7158	*	*	*	*
	* 1.6213	* 1.6350	* 2.3019	* 3.4194	*	*	*	*
15	* 0.7771	* 0.6979	* F-SUB-Q					
	* 3.1685	* 3.5247	* 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	* 1.4521	* 1.3223	* 1.2100	* 1.4414	* 1.4244	* 1.2337	* 1.3669	* 0.7023
	* 1.6156	* 1.7699	* 1.9316	* 1.6331	* 1.6608	* 1.9176	* 1.7394	* 3.3771
9	* 1.3223	* 1.3634	* 1.3372	* 1.2977	* 1.5054	* 1.3214	* 1.3663	* 0.6577
	* 1.7699	* 1.7167	* 1.7501	* 1.8124	* 1.5675	* 1.7930	* 1.7400	* 3.6049
10	* 1.2100	* 1.3411	* 1.1894	* 1.3880	* 1.3280	* 1.4568	* 0.9881	*
	* 1.9316	* 1.7452	* 1.9669	* 1.6923	* 1.7746	* 1.6267	* 2.3992	*
11	* 1.4414	* 1.2871	* 1.3819	* 1.1919	* 1.3056	* 1.3631	* 0.6702	*
	* 1.6331	* 1.8270	* 1.6996	* 1.9652	* 1.8018	* 1.7335	* 3.5205	*
12	* 1.4244	* 1.4845	* 1.3160	* 1.3004	* 1.3018	* 0.7712	*	*
	* 1.6608	* 1.5891	* 1.7903	* 1.8087	* 1.8069	* 3.0482	*	*
13	* 1.2337	* 1.3012	* 1.4397	* 1.3531	* 0.7690	*	*	*
	* 1.9176	* 1.8202	* 1.6455	* 1.7460	* 3.0567	*	*	*
14	* 1.3669	* 1.3555	* 0.9761	* 0.6631	*	*	*	*
	* 1.7394	* 1.7537	* 2.4281	* 3.5575	*	*	*	*
15	* 0.7023	* 0.6365	* F-SUB-Q					
	* 3.3771	* 3.7235	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 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	* 1.2881	* 1.0967	* 1.0210	* 1.2669	* 1.1770	* 0.9933	* 1.0982	* 0.5625
	* 1.7702	* 2.0757	* 2.2293	* 1.8041	* 1.9502	* 2.3166	* 2.1053	* 4.1056
9	* 1.0967	* 1.1569	* 1.1932	* 1.1000	* 1.3196	* 1.0923	* 1.0798	* 0.5298
	* 2.0757	* 1.9658	* 1.9053	* 2.0813	* 1.7390	* 2.1082	* 2.1410	* 4.3590
10	* 1.0210	* 1.1938	* 1.0209	* 1.2295	* 1.1153	* 1.2177	* 0.7942	*
	* 2.2293	* 1.9042	* 2.2261	* 1.8576	* 2.0522	* 1.8914	* 2.9052	*
11	* 1.2669	* 1.0885	* 1.2228	* 1.0052	* 1.1266	* 1.0999	* 0.5581	*
	* 1.8041	* 2.0996	* 1.8675	* 2.2658	* 2.0299	* 2.0884	* 4.1189	*
12	* 1.1770	* 1.3004	* 1.1061	* 1.1222	* 1.0743	* 0.6489	*	*
	* 1.9502	* 1.7644	* 2.0690	* 2.0378	* 2.1290	* 3.5279	*	*
13	* 0.9933	* 1.0767	* 1.2051	* 1.0921	* 0.6468	*	*	*
	* 2.3166	* 2.1382	* 1.9108	* 2.1029	* 3.5389	*	*	*
14	* 1.0982	* 1.0708	* 0.7851	* 0.5521	*	*	*	*
	* 2.1053	* 2.1587	* 2.9382	* 4.1623	*	*	*	*
15	* 0.5625	* 0.5193	* F-SUB-Q					
	* 4.1056	* 4.4455	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.5401	* 0.4832	* 0.4728	* 0.5493	* 0.5122	* 0.4464	* 0.4243	* 0.2499
	* 4.1088	* 4.5962	* 4.6952	* 4.0490	* 4.3609	* 5.0285	* 5.3077	* 9.0220
9	* 0.4832	* 0.5013	* 0.5301	* 0.4929	* 0.5448	* 0.4719	* 0.4153	* 0.2329
	* 4.5962	* 4.4239	* 4.1801	* 4.5233	* 4.1026	* 4.7543	* 5.4229	* 9.6809
10	* 0.4728	* 0.5303	* 0.4723	* 0.5307	* 0.4865	* 0.4826	* 0.3517	*
	* 4.6952	* 4.1791	* 4.6952	* 4.1885	* 4.5909	* 4.6463	* 6.3990	*
11	* 0.5493	* 0.4893	* 0.5289	* 0.4564	* 0.4817	* 0.4192	* 0.2487	*
	* 4.0490	* 4.5545	* 4.2024	* 4.8716	* 4.6297	* 5.3369	* 9.0233	*
12	* 0.5122	* 0.5386	* 0.4826	* 0.4798	* 0.4178	* 0.2996	*	*
	* 4.3609	* 4.1494	* 4.6276	* 4.6472	* 5.3389	* 7.4580	*	*
13	* 0.4464	* 0.4660	* 0.4779	* 0.4166	* 0.2986	*	*	*
	* 5.0285	* 4.8133	* 4.6920	* 5.3702	* 7.4846	*	*	*
14	* 0.4243	* 0.4120	* 0.3480	* 0.2462	*	*	*	*
	* 5.3077	* 5.4652	* 6.4660	* 9.1135	*	*	*	*
15	* 0.2499	* 0.2319	* F-SUB-Q					
	* 9.0220	* 9.7196	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.5688	* 0.5168	* 0.4847	* 0.5656	* 0.5241	* 0.4401	* 0.3125	* 0.1609
	* 3.7435	* 4.1213	* 4.4427	* 3.7271	* 4.0161	* 4.7681	* 4.9081	* 7.9504
9	* 0.5168	* 0.4973	* 0.5210	* 0.5065	* 0.5597	* 0.4752	* 0.3634	* 0.1720
	* 4.1213	* 4.2303	* 3.9519	* 4.1566	* 3.7557	* 4.4090	* 5.0579	* 8.4754
10	* 0.4847	* 0.5208	* 0.4013	* 0.5272	* 0.5002	* 0.5014	* 0.3485	*
	* 4.4427	* 3.9500	* 4.3937	* 3.9698	* 4.1944	* 4.1778	* 5.9738	*
11	* 0.5656	* 0.5045	* 0.5258	* 0.4599	* 0.5163	* 0.4621	* 0.2795	*
	* 3.7271	* 4.1737	* 3.9804	* 4.5575	* 4.0641	* 4.5397	* 7.4598	*
12	* 0.5241	* 0.5556	* 0.4982	* 0.5155	* 0.4674	* 0.3433	*	*
	* 4.0161	* 3.7834	* 4.2111	* 4.0710	* 4.5671	* 6.1366	*	*
13	* 0.4401	* 0.4725	* 0.4990	* 0.4606	* 0.3417	*	*	*
	* 4.7681	* 4.4369	* 4.1982	* 4.5546	* 6.1655	*	*	*
14	* 0.3125	* 0.3613	* 0.3465	* 0.2779	*	*	*	*
	* 4.9081	* 5.0768	* 6.0043	* 7.5020	*	*	*	*
15	* 0.1609	* 0.1703	* F-SUB-Q					
	* 7.9504	* 8.5329	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.2137	* 1.0492	* 0.9531	* 1.1639	* 1.0840	* 0.8834	* 0.7216	* 0.3407
	* 1.8303	* 2.1163	* 2.3157	* 1.8870	* 2.0266	* 2.4090	* 2.1884	* 3.9289
9	* 1.0492	* 1.0240	* 1.0544	* 1.0306	* 1.2055	* 0.9908	* 0.8412	* 0.3547
	* 2.1163	* 2.1035	* 2.0114	* 2.1313	* 1.8207	* 2.2071	* 2.2359	* 4.2547
10	* 0.9531	* 1.0540	* 0.7834	* 1.0867	* 1.0365	* 1.1182	* 0.7164	*
	* 2.3157	* 2.0103	* 2.3063	* 1.9981	* 2.1134	* 1.9571	* 2.9895	*
11	* 1.1639	* 1.0264	* 1.0837	* 0.9165	* 1.0727	* 1.0456	* 0.5704	*
	* 1.8870	* 2.1404	* 2.0026	* 2.3859	* 2.0375	* 2.0914	* 3.8179	*
12	* 1.0840	* 1.1959	* 1.0322	* 1.0708	* 1.0282	* 0.6714	*	*
	* 2.0266	* 1.8355	* 2.1223	* 2.0413	* 2.1339	* 3.2566	*	*
13	* 0.8834	* 0.9839	* 1.1127	* 1.0421	* 0.6690	*	*	*
	* 2.4090	* 2.2226	* 1.9668	* 2.0984	* 3.2683	*	*	*
14	* 0.7216	* 0.8362	* 0.7121	* 0.5670	*	*	*	*
	* 2.1884	* 2.2443	* 3.0058	* 3.8410	*	*	*	*
15	* 0.3407	* 0.3484	* F-SUB-Q					
	* 3.9289	* 4.3171	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 159 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3055	1.2080	1.0951	1.2857	1.2523	1.0585	0.8980	0.4297
	1.7754	1.9161	2.0985	1.7841	1.8324	2.0858	1.9349	3.3315
9	1.2080	1.1873	1.1427	1.1896	1.3008	1.1637	1.0087	0.4388
	1.9161	1.9099	1.9655	1.9289	1.7643	1.9636	1.9639	3.5957
10	1.0951	1.1416	0.9100	1.2014	1.2057	1.2718	0.8774	
	2.0985	1.9631	2.0891	1.8822	1.8979	1.7972	2.5309	
11	1.2857	1.1843	1.1974	1.0784	1.1856	1.2407	0.6917	
	1.7841	1.9377	1.8854	2.1174	1.9232	1.8404	3.2882	
12	1.2523	1.2881	1.2001	1.1825	1.1963	0.7906		
	1.8324	1.7819	1.9067	1.9281	1.9056	2.8752		
13	1.0585	1.1547	1.2658	1.2361	0.7883			
	2.0858	1.9790	1.8059	1.8472	2.8835			
14	0.8980	1.0022	0.8718	0.6875				
	1.9349	1.9713	2.5456	3.3083				
15	0.4297	0.4321	F-SUB-Q					
	3.3315	3.6383	M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	1.4714	1.3322	1.2076	1.4588	1.4002	1.1888	1.0587	0.4957
	1.6680	1.8391	2.0142	1.6688	1.7385	1.9503	1.7342	3.0943
9	1.3322	1.3159	1.2916	1.3172	1.4798	1.3130	1.1926	0.5004
	1.8391	1.8200	1.8463	1.8487	1.6460	1.8423	1.7567	3.3938
10	1.2076	1.2902	0.9882	1.3681	1.3460	1.4694	0.9849	
	2.0142	1.8439	2.0011	1.7534	1.8021	1.6469	2.3802	
11	1.4588	1.3104	1.3631	1.1840	1.3567	1.4309	0.7574	
	1.6688	1.8585	1.7568	2.0378	1.7782	1.6881	3.1816	
12	1.4002	1.4640	1.3390	1.3529	1.3643	0.8584		
	1.7385	1.6651	1.8116	1.7832	1.7664	2.7980		
13	1.1888	1.3017	1.4618	1.4252	0.8563			
	1.9503	1.8585	1.6555	1.6950	2.8047			
14	1.0587	1.1844	0.9779	0.7526				
	1.7342	1.7649	2.3956	3.2020				
15	0.4957	0.4928	F-SUB-Q					
	3.0943	3.4462	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.5382	* 1.3778	* 1.2595	* 1.5419	* 1.4699	* 1.2551	* 1.1501	* 0.5480
	* 1.7262	* 1.9257	* 2.0772	* 1.7092	* 1.7799	* 1.9880	* 1.7384	* 3.1065
9	* 1.3778	* 1.3614	* 1.3612	* 1.3771	* 1.5712	* 1.3890	* 1.2910	* 0.5488
	* 1.9257	* 1.8776	* 1.8906	* 1.9144	* 1.6705	* 1.8752	* 1.7498	* 3.4027
10	* 1.2595	* 1.3597	* 1.0518	* 1.4521	* 1.4149	* 1.5664	* 1.0596	*
	* 2.0772	* 1.8881	* 2.0610	* 1.7765	* 1.8474	* 1.6565	* 2.3792	*
11	* 1.5419	* 1.3691	* 1.4464	* 1.2531	* 1.4439	* 1.5267	* 0.8090	*
	* 1.7092	* 1.9259	* 1.7829	* 2.0841	* 1.7955	* 1.6962	* 3.1893	*
12	* 1.4699	* 1.5510	* 1.4070	* 1.4396	* 1.4509	* 0.9124	*	*
	* 1.7799	* 1.6945	* 1.8581	* 1.8010	* 1.7870	* 2.8259	*	*
13	* 1.2551	* 1.3765	* 1.5578	* 1.5202	* 0.9103	*	*	*
	* 1.9880	* 1.8924	* 1.6660	* 1.7036	* 2.8325	*	*	*
14	* 1.1501	* 1.2816	* 1.0520	* 0.8032	*	*	*	*
	* 1.7384	* 1.7587	* 2.3952	* 3.2126	*	*	*	*
15	* 0.5480	* 0.5411	* F-SUB-Q					
	* 3.1065	* 3.4472	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.5934	* 1.4206	* 1.3132	* 1.6169	* 1.5399	* 1.3244	* 1.2572	* 0.6178
	* 1.8165	* 2.0165	* 2.1514	* 1.7638	* 1.8228	* 2.0489	* 1.7809	* 3.1923
9	* 1.4206	* 1.4065	* 1.4293	* 1.4384	* 1.6541	* 1.4638	* 1.3908	* 0.6099
	* 2.0165	* 1.9549	* 1.9612	* 1.9713	* 1.7139	* 1.9126	* 1.7812	* 3.4807
10	* 1.3132	* 1.4279	* 1.1295	* 1.5345	* 1.4827	* 1.6509	* 1.1320	*
	* 2.1514	* 1.9585	* 2.1430	* 1.8127	* 1.9158	* 1.7201	* 2.4163	*
11	* 1.6169	* 1.4296	* 1.5281	* 1.3234	* 1.5197	* 1.6079	* 0.8551	*
	* 1.7638	* 1.9832	* 1.8198	* 2.1442	* 1.8585	* 1.7542	* 3.2993	*
12	* 1.5399	* 1.6303	* 1.4739	* 1.5149	* 1.5264	* 0.9601	*	*
	* 1.8228	* 1.7392	* 1.9263	* 1.8653	* 1.8450	* 2.9066	*	*
13	* 1.3244	* 1.4501	* 1.6413	* 1.6008	* 0.9579	*	*	*
	* 2.0489	* 1.9306	* 1.7305	* 1.7623	* 2.9134	*	*	*
14	* 1.2572	* 1.3803	* 1.1235	* 0.8487	*	*	*	*
	* 1.7809	* 1.7909	* 2.4338	* 3.3244	*	*	*	*
15	* 0.6178	* 0.6025	* F-SUB-Q					
	* 3.1923	* 3.5292	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 161 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.6750	* 1.4845	* 1.3882	* 1.7196	* 1.6388	* 1.4204	* 1.4628	* 0.7405 *
	* 1.8791	* 2.0945	* 2.2261	* 1.8065	* 1.8691	* 2.1003	* 1.8088	* 3.2925 *
9	* 1.4845	* 1.4863	* 1.5288	* 1.5215	* 1.7659	* 1.5629	* 1.5447	* 0.7058 *
	* 2.0945	* 2.0182	* 2.0092	* 2.0341	* 1.7485	* 1.9543	* 1.7997	* 3.6021 *
10	* 1.3882	* 1.5273	* 1.2681	* 1.6516	* 1.5723	* 1.7647	* 1.2100	*
	* 2.2261	* 2.0104	* 2.2097	* 1.8482	* 1.9692	* 1.7535	* 2.4787	*
11	* 1.7196	* 1.5118	* 1.6446	* 1.3965	* 1.6181	* 1.7110	* 0.8931	*
	* 1.8065	* 2.0470	* 1.8558	* 2.2011	* 1.9301	* 1.8255	* 3.4953	*
12	* 1.6388	* 1.7397	* 1.5626	* 1.6128	* 1.6230	* 1.0012	*	*
	* 1.8691	* 1.7752	* 1.9807	* 1.9357	* 1.9181	* 3.0669	*	*
13	* 1.4204	* 1.5475	* 1.7529	* 1.7031	* 0.9991	*	*	*
	* 2.1003	* 1.9736	* 1.7653	* 1.8343	* 3.0735	*	*	*
14	* 1.4628	* 1.5335	* 1.2007	* 0.8863	*	*	*	*
	* 1.8088	* 1.8100	* 2.4973	* 3.5222	*	*	*	*
15	* 0.7405	* 0.6949	* F-SUB-Q					
	* 3.2925	* 3.6553	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7287	* 1.5395	* 1.4480	* 1.7931	* 1.7173	* 1.5060	* 1.6641	* 0.8904 *
	* 1.9879	* 2.2201	* 2.3519	* 1.8965	* 1.9626	* 2.2121	* 1.8915	* 3.4378 *
9	* 1.5395	* 1.5742	* 1.6048	* 1.5868	* 1.8480	* 1.6418	* 1.7070	* 0.8257 *
	* 2.2201	* 2.1356	* 2.1163	* 2.1417	* 1.8315	* 2.0455	* 1.8811	* 3.7615 *
10	* 1.4480	* 1.6033	* 1.4072	* 1.7435	* 1.6429	* 1.8478	* 1.2841	*
	* 2.3519	* 2.1183	* 2.3334	* 1.9353	* 2.0631	* 1.8254	* 2.5941	*
11	* 1.7931	* 1.5763	* 1.7359	* 1.4645	* 1.6885	* 1.7833	* 0.9303	*
	* 1.8965	* 2.1560	* 1.9436	* 2.3092	* 2.0126	* 1.9069	* 3.6447	*
12	* 1.7173	* 1.8198	* 1.6329	* 1.6835	* 1.6905	* 1.0381	*	*
	* 1.9626	* 1.8604	* 2.0758	* 2.0186	* 2.0178	* 3.2926	*	*
13	* 1.5060	* 1.6250	* 1.8350	* 1.7748	* 1.0360	*	*	*
	* 2.2121	* 2.0667	* 1.8383	* 1.9162	* 3.2994	*	*	*
14	* 1.6641	* 1.6966	* 1.2740	* 0.9230	*	*	*	*
	* 1.8915	* 1.8923	* 2.6145	* 3.6733	*	*	*	*
15	* 0.8904	* 0.8141	* F-SUB-Q					
	* 3.4378	* 3.8133	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.8046	* 1.6049	* 1.5138	* 1.8870	* 1.8062	* 1.5928	* 1.8502	* 0.9928 *
	* 2.0961	* 2.3515	* 2.4866	* 1.9860	* 2.0595	* 2.3213	* 1.9532	* 3.6082 *
9	* 1.6049	* 1.6670	* 1.6949	* 1.6594	* 1.9501	* 1.7296	* 1.8719	* 0.9068 *
	* 2.3515	* 2.2501	* 2.2119	* 2.2599	* 1.9126	* 2.1421	* 1.9372	* 3.9632 *
10	* 1.5138	* 1.6932	* 1.5175	* 1.8474	* 1.7217	* 1.9505	* 1.3462	*
	* 2.4866	* 2.2161	* 2.4532	* 2.0220	* 2.1712	* 1.9018	* 2.7389	*
11	* 1.8870	* 1.6482	* 1.8392	* 1.5376	* 1.7780	* 1.8735	* 0.9559	*
	* 1.9860	* 2.2754	* 2.0306	* 2.4290	* 2.1027	* 1.9914	* 3.8924	*
12	* 1.8062	* 1.9199	* 1.7109	* 1.7726	* 1.7751	* 1.0674	*	*
	* 2.0595	* 1.9432	* 2.1851	* 2.1092	* 2.1090	* 3.5108	*	*
13	* 1.5928	* 1.7114	* 1.9365	* 1.8643	* 1.0654	*	*	*
	* 2.3213	* 2.1651	* 1.9156	* 2.0013	* 3.5172	*	*	*
14	* 1.8502	* 1.8604	* 1.3352	* 0.9492	*	*	*	*
	* 1.9532	* 1.9492	* 2.7614	* 3.9198	*	*	*	*
15	* 0.9928	* 0.8903	* F-SUB-Q					
	* 3.6082	* 4.0356	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7764	* 1.5955	* 1.5182	* 1.8686	* 1.8073	* 1.6013	* 1.8709	* 1.0341 *
	* 2.3604	* 2.6271	* 2.7594	* 2.2256	* 2.2859	* 2.5711	* 2.1670	* 3.9014 *
9	* 1.5955	* 1.6655	* 1.6822	* 1.6566	* 1.9367	* 1.7317	* 1.8849	* 0.9554 *
	* 2.6271	* 2.5098	* 2.4772	* 2.5138	* 2.1364	* 2.3752	* 2.1520	* 4.2295 *
10	* 1.5182	* 1.6795	* 1.5337	* 1.8361	* 1.7208	* 1.9381	* 1.3835	*
	* 2.7594	* 2.4819	* 2.7192	* 2.2606	* 2.4103	* 2.1197	* 2.9623	*
11	* 1.8686	* 1.6452	* 1.8277	* 1.5529	* 1.7627	* 1.8581	* 0.9880	*
	* 2.2256	* 2.5299	* 2.2709	* 2.6792	* 2.3483	* 2.2199	* 4.1626	*
12	* 1.8073	* 1.9058	* 1.7096	* 1.7572	* 1.7590	* 1.0961	*	*
	* 2.2859	* 2.1715	* 2.4260	* 2.3556	* 2.3524	* 3.7712	*	*
13	* 1.6013	* 1.7131	* 1.9238	* 1.8486	* 1.0935	*	*	*
	* 2.5711	* 2.4011	* 2.1354	* 2.2311	* 3.7796	*	*	*
14	* 1.8709	* 1.8731	* 1.3721	* 0.9798	*	*	*	*
	* 2.1670	* 2.1655	* 2.9864	* 4.1964	*	*	*	*
15	* 1.0341	* 0.9407	* F-SUB-Q					
	* 3.9014	* 4.2944	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.8424	* 1.6408	* 1.5541	* 1.9494	* 1.8740	* 1.6568	* 1.9789	* 1.0683
	* 2.5121	* 2.8210	* 2.9756	* 2.3599	* 2.4440	* 2.7602	* 2.2930	* 4.2341
9	* 1.6408	* 1.7202	* 1.7567	* 1.7078	* 2.0243	* 1.7988	* 1.9965	* 0.9752
	* 2.8210	* 2.6902	* 2.6256	* 2.6959	* 2.2625	* 2.5318	* 2.2695	* 4.6403
10	* 1.5541	* 1.7530	* 1.5758	* 1.9173	* 1.7779	* 2.0303	* 1.4081	*
	* 2.9756	* 2.6309	* 2.9244	* 2.3909	* 2.5747	* 2.2342	* 3.2260	*
11	* 1.9494	* 1.6959	* 1.9082	* 1.5922	* 1.8413	* 1.9427	* 0.9895	*
	* 2.3599	* 2.7123	* 2.4008	* 2.8804	* 2.4715	* 2.3333	* 4.5621	*
12	* 1.8740	* 1.9914	* 1.7658	* 1.8353	* 1.8366	* 1.1022	*	*
	* 2.4440	* 2.3000	* 2.5921	* 2.4793	* 2.4687	* 4.0967	*	*
13	* 1.6568	* 1.7786	* 2.0148	* 1.9325	* 1.1001	*	*	*
	* 2.7602	* 2.5602	* 2.2510	* 2.3452	* 4.1037	*	*	*
14	* 1.9789	* 1.9835	* 1.3960	* 0.9821	*	*	*	*
	* 2.2930	* 2.2841	* 3.2534	* 4.5950	*	*	*	*
15	* 1.0683	* 0.9579	* F-SUB-Q					
	* 4.2341	* 4.7230	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.8361	* 1.6353	* 1.5521	* 1.9538	* 1.8806	* 1.6619	* 1.9992	* 1.0799
	* 2.5339	* 2.8422	* 2.9908	* 2.3760	* 2.4707	* 2.7969	* 2.3375	* 4.3359
9	* 1.6353	* 1.7187	* 1.7598	* 1.7081	* 2.0319	* 1.8072	* 2.0175	* 0.9874
	* 2.8422	* 2.7060	* 2.6416	* 2.7178	* 2.2871	* 2.5719	* 2.3126	* 4.7399
10	* 1.5521	* 1.7559	* 1.5762	* 1.9234	* 1.7819	* 2.0423	* 1.4188	*
	* 2.9908	* 2.6477	* 2.9503	* 2.4134	* 2.6044	* 2.2758	* 3.2842	*
11	* 1.9538	* 1.6963	* 1.9143	* 1.5953	* 1.8494	* 1.9540	* 0.9972	*
	* 2.3760	* 2.7371	* 2.4248	* 2.9076	* 2.5079	* 2.3769	* 4.6660	*
12	* 1.8806	* 1.9983	* 1.7693	* 1.8431	* 1.8458	* 1.1097	*	*
	* 2.4707	* 2.3258	* 2.6233	* 2.5166	* 2.5136	* 4.1864	*	*
13	* 1.6619	* 1.7863	* 2.0262	* 1.9433	* 1.1076	*	*	*
	* 2.7969	* 2.6025	* 2.2944	* 2.3903	* 4.1946	*	*	*
14	* 1.9992	* 2.0039	* 1.4065	* 0.9893	*	*	*	*
	* 2.3375	* 2.3285	* 3.3136	* 4.7041	*	*	*	*
15	* 1.0799	* 0.9717	* F-SUB-Q					
	* 4.3359	* 4.8161	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.7764	* 1.5909	* 1.5192	* 1.8992	* 1.8406	* 1.6285	* 1.9555	* 1.0722
	* 2.6037	* 2.9041	* 3.0398	* 2.4314	* 2.5138	* 2.8437	* 2.3885	* 4.3662
9	* 1.5909	* 1.6739	* 1.7096	* 1.6683	* 1.9798	* 1.7703	* 1.9719	* 0.9909
	* 2.9041	* 2.7630	* 2.7023	* 2.7666	* 2.3365	* 2.6137	* 2.3639	* 4.7206
10	* 1.5192	* 1.7056	* 1.5442	* 1.8729	* 1.7440	* 1.9949	* 1.4121	*
	* 3.0398	* 2.7087	* 2.9891	* 2.4627	* 2.6438	* 2.3175	* 3.2860	*
11	* 1.8992	* 1.6566	* 1.8633	* 1.5682	* 1.8036	* 1.9088	* 0.9998	*
	* 2.4314	* 2.7854	* 2.4749	* 2.9354	* 2.5508	* 2.4144	* 4.6149	*
12	* 1.8406	* 1.9460	* 1.7312	* 1.7973	* 1.8022	* 1.1115	*	*
	* 2.5138	* 2.3771	* 2.6635	* 2.5600	* 2.5502	* 4.1345	*	*
13	* 1.6285	* 1.7492	* 1.9785	* 1.8980	* 1.1089	*	*	*
	* 2.8437	* 2.6456	* 2.3370	* 2.4285	* 4.1446	*	*	*
14	* 1.9555	* 1.9583	* 1.3995	* 0.9908	*	*	*	*
	* 2.3885	* 2.3806	* 3.3164	* 4.6574	*	*	*	*
15	* 1.0722	* 0.9749	* F-SUB-Q					
	* 4.3662	* 4.7976	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7885	* 1.5884	* 1.5120	* 1.9224	* 1.8530	* 1.6344	* 1.9980	* 1.0680
	* 2.5076	* 2.8195	* 2.9554	* 2.3336	* 2.4296	* 2.7531	* 2.2694	* 4.2079
9	* 1.5884	* 1.6766	* 1.7292	* 1.6703	* 2.0079	* 1.7867	* 2.0192	* 0.9759
	* 2.8195	* 2.6754	* 2.5890	* 2.6814	* 2.2403	* 2.5183	* 2.2429	* 4.6011
10	* 1.5120	* 1.7249	* 1.5397	* 1.8978	* 1.7507	* 2.0316	* 1.3955	*
	* 2.9554	* 2.5955	* 2.9030	* 2.3595	* 2.5568	* 2.2129	* 3.2222	*
11	* 1.9224	* 1.6584	* 1.8881	* 1.5656	* 1.8320	* 1.9435	* 0.9749	*
	* 2.3336	* 2.6991	* 2.3696	* 2.8474	* 2.4346	* 2.3005	* 4.5605	*
12	* 1.8530	* 1.9727	* 1.7373	* 1.8254	* 1.8323	* 1.0916	*	*
	* 2.4296	* 2.2793	* 2.5763	* 2.4434	* 2.4274	* 4.0567	*	*
13	* 1.6344	* 1.7643	* 2.0142	* 1.9321	* 1.0897	*	*	*
	* 2.7531	* 2.5498	* 2.2317	* 2.3139	* 4.0636	*	*	*
14	* 1.9980	* 2.0047	* 1.3822	* 0.9670	*	*	*	*
	* 2.2694	* 2.2590	* 3.2521	* 4.5967	*	*	*	*
15	* 1.0680	* 0.9574	* F-SUB-Q					
	* 4.2079	* 4.6878	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.7556	* 1.5555	* 1.4830	* 1.8966	* 1.8271	* 1.6091	* 1.9853	* 1.0525
	* 2.3206	* 2.6146	* 2.7365	* 2.1536	* 2.2448	* 2.5429	* 2.0752	* 3.8810
9	* 1.5555	* 1.6460	* 1.7049	* 1.6411	* 1.9842	* 1.7650	* 2.0083	* 0.9601
	* 2.6146	* 2.4738	* 2.3841	* 2.4843	* 2.0654	* 2.3230	* 2.0503	* 4.2517
10	* 1.4830	* 1.7004	* 1.5122	* 1.8743	* 1.7239	* 2.0149	* 1.3717	*
	* 2.7365	* 2.3904	* 2.6832	* 2.1757	* 2.3675	* 2.0361	* 2.9808	*
11	* 1.8966	* 1.6290	* 1.8651	* 1.5412	* 1.8154	* 1.9284	* 0.9551	*
	* 2.1536	* 2.5008	* 2.1850	* 2.6319	* 2.2379	* 2.1122	* 4.2324	*
12	* 1.8271	* 1.9483	* 1.7101	* 1.8066	* 1.8165	* 1.0724	*	*
	* 2.2448	* 2.1020	* 2.3858	* 2.2471	* 2.2262	* 3.7470	*	*
13	* 1.6091	* 1.7420	* 1.9970	* 1.9168	* 1.0700	*	*	*
	* 2.5429	* 2.3525	* 2.0536	* 2.1245	* 3.7547	*	*	*
14	* 1.9853	* 1.9933	* 1.3582	* 0.9472	*	*	*	*
	* 2.0752	* 2.0652	* 3.0094	* 4.2665	*	*	*	*
15	* 1.0525	* 0.9409	* F-SUB-Q					
	* 3.8810	* 4.3363	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7036	* 1.5105	* 1.4405	* 1.8460	* 1.7818	* 1.5676	* 1.9384	* 1.0290
	* 2.1572	* 2.4284	* 2.5415	* 1.9980	* 2.0807	* 2.3606	* 1.9264	* 3.6011
9	* 1.5105	* 1.5999	* 1.6584	* 1.5960	* 1.9339	* 1.7215	* 1.9604	* 0.9415
	* 2.4284	* 2.2962	* 2.2124	* 2.3059	* 1.9155	* 2.1540	* 1.9033	* 3.9330
10	* 1.4405	* 1.6538	* 1.4697	* 1.8265	* 1.6802	* 1.9673	* 1.3429	*
	* 2.5415	* 2.2185	* 2.4907	* 2.0157	* 2.1937	* 1.8856	* 2.7555	*
11	* 1.8460	* 1.5842	* 1.8171	* 1.5009	* 1.7718	* 1.8830	* 0.9371	*
	* 1.9980	* 2.3217	* 2.0246	* 2.4391	* 2.0767	* 1.9589	* 3.9072	*
12	* 1.7818	* 1.8984	* 1.6663	* 1.7624	* 1.7733	* 1.0529	*	*
	* 2.0807	* 1.9500	* 2.2112	* 2.0850	* 2.0648	* 3.4521	*	*
13	* 1.5676	* 1.6985	* 1.9493	* 1.8712	* 1.0510	*	*	*
	* 2.3606	* 2.1821	* 1.9023	* 1.9708	* 3.4582	*	*	*
14	* 1.9384	* 1.9454	* 1.3294	* 0.9290	*	*	*	*
	* 1.9264	* 1.9175	* 2.7827	* 3.9402	*	*	*	*
15	* 1.0290	* 0.9236	* F-SUB-Q					
	* 3.6011	* 4.0071	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 166 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.6173	* 1.4433	* 1.3829	* 1.7567	* 1.7066	* 1.5029	* 1.8464	* 0.9978 *
	* 2.0517	* 2.2956	* 2.3957	* 1.8981	* 1.9665	* 2.2314	* 1.8388	* 3.3856 *
9	* 1.4433	* 1.5291	* 1.5772	* 1.5285	* 1.8419	* 1.6483	* 1.8647	* 0.9243 *
	* 2.2956	* 2.1719	* 2.1045	* 2.1771	* 1.8201	* 2.0363	* 1.8177	* 3.6501 *
10	* 1.3829	* 1.5727	* 1.4137	* 1.7398	* 1.6108	* 1.8757	* 1.3103	*
	* 2.3957	* 2.1104	* 2.3428	* 1.9127	* 2.0682	* 1.7883	* 2.5593	*
11	* 1.7567	* 1.5167	* 1.7306	* 1.4466	* 1.6890	* 1.7966	* 0.9244	*
	* 1.8981	* 2.1927	* 1.9214	* 2.2891	* 1.9599	* 1.8474	* 3.5717	*
12	* 1.7066	* 1.8080	* 1.5973	* 1.6800	* 1.6922	* 1.0346	*	*
	* 1.9665	* 1.8537	* 2.0851	* 1.9685	* 1.9442	* 3.1558	*	*
13	* 1.5029	* 1.6260	* 1.8582	* 1.7851	* 1.0321	*	*	*
	* 2.2314	* 2.0633	* 1.8046	* 1.8589	* 3.1632	*	*	*
14	* 1.8464	* 1.8500	* 1.2970	* 0.9152	*	*	*	*
	* 1.8388	* 1.8318	* 2.5848	* 3.6069	*	*	*	*
15	* 0.9978	* 0.9082	* F-SUB-Q					
	* 3.3856	* 3.7130	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.6156	* 1.4265	* 1.3607	* 1.7581	* 1.6935	* 1.4843	* 1.8555	* 0.9719 *
	* 1.8500	* 2.0917	* 2.1909	* 1.7104	* 1.7883	* 2.0398	* 1.6559	* 3.1506 *
9	* 1.4265	* 1.5156	* 1.5786	* 1.5092	* 1.8438	* 1.6371	* 1.8775	* 0.8880 *
	* 2.0917	* 1.9748	* 1.8973	* 1.9878	* 1.6410	* 1.8504	* 1.6328	* 3.4438 *
10	* 1.3607	* 1.5739	* 1.3894	* 1.7410	* 1.5934	* 1.8820	* 1.2673	*
	* 2.1909	* 1.9029	* 2.1494	* 1.7228	* 1.8850	* 1.6078	* 2.3901	*
11	* 1.7581	* 1.4977	* 1.7324	* 1.4224	* 1.6942	* 1.8021	* 0.8802	*
	* 1.7104	* 2.0023	* 1.7309	* 2.0962	* 1.7674	* 1.6658	* 3.3908	*
12	* 1.6935	* 1.8097	* 1.5796	* 1.6847	* 1.6961	* 0.9934	*	*
	* 1.7883	* 1.6720	* 1.9009	* 1.7753	* 1.7569	* 2.9839	*	*
13	* 1.4843	* 1.6146	* 1.8639	* 1.7903	* 0.9912	*	*	*
	* 2.0398	* 1.8760	* 1.6229	* 1.6764	* 2.9904	*	*	*
14	* 1.8555	* 1.8621	* 1.2538	* 0.8724	*	*	*	*
	* 1.6559	* 1.6461	* 2.4153	* 3.4205	*	*	*	*
15	* 0.9719	* 0.8696	* F-SUB-Q					
	* 3.1506	* 3.5148	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.5564	* 1.3746	* 1.3096	* 1.6921	* 1.6315	* 1.4275	* 1.7855	* 0.9323
	* 1.7612	* 1.9896	* 2.0874	* 1.6300	* 1.7011	* 1.9413	* 1.5677	* 2.9882
9	* 1.3746	* 1.4612	* 1.5196	* 1.4524	* 1.7746	* 1.5763	* 1.8061	* 0.8527
	* 1.9896	* 1.8757	* 1.8057	* 1.8956	* 1.5638	* 1.7622	* 1.5484	* 3.2654
10	* 1.3096	* 1.5149	* 1.3361	* 1.6754	* 1.5337	* 1.8124	* 1.2176	*
	* 2.0874	* 1.8111	* 2.0474	* 1.6435	* 1.7985	* 1.5332	* 2.2796	*
11	* 1.6921	* 1.4408	* 1.6667	* 1.3683	* 1.6303	* 1.7357	* 0.8447	*
	* 1.6300	* 1.9096	* 1.6513	* 2.0007	* 1.6911	* 1.5920	* 3.2542	*
12	* 1.6315	* 1.7407	* 1.5202	* 1.6210	* 1.6326	* 0.9555	*	*
	* 1.7011	* 1.5940	* 1.8140	* 1.6988	* 1.6822	* 2.8642	*	*
13	* 1.4275	* 1.5540	* 1.7946	* 1.7241	* 0.9534	*	*	*
	* 1.9413	* 1.7871	* 1.5479	* 1.6023	* 2.8705	*	*	*
14	* 1.7855	* 1.7906	* 1.2043	* 0.8370	*	*	*	*
	* 1.5677	* 1.5615	* 2.3043	* 3.2832	*	*	*	*
15	* 0.9323	* 0.8343	* F-SUB-Q					
	* 2.9882	* 3.3355	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.4895	* 1.3196	* 1.2536	* 1.6103	* 1.5560	* 1.3616	* 1.6847	* 0.8821
	* 1.7193	* 1.9359	* 2.0380	* 1.6001	* 1.6655	* 1.9008	* 1.5482	* 2.9435
9	* 1.3196	* 1.3990	* 1.4559	* 1.3881	* 1.6876	* 1.4994	* 1.6991	* 0.8252
	* 1.9359	* 1.8293	* 1.7609	* 1.8543	* 1.5359	* 1.7305	* 1.5341	* 3.1462
10	* 1.2536	* 1.4515	* 1.2766	* 1.5914	* 1.4632	* 1.7145	* 1.1590	*
	* 2.0380	* 1.7661	* 2.0030	* 1.6172	* 1.7627	* 1.5148	* 2.2379	*
11	* 1.6103	* 1.3767	* 1.5837	* 1.3051	* 1.5434	* 1.6517	* 0.8036	*
	* 1.6001	* 1.8680	* 1.6249	* 1.9624	* 1.6707	* 1.5658	* 3.2050	*
12	* 1.5560	* 1.6604	* 1.4504	* 1.5353	* 1.5543	* 0.9262	*	*
	* 1.6655	* 1.5625	* 1.7778	* 1.6792	* 1.6556	* 2.7722	*	*
13	* 1.3616	* 1.4778	* 1.6976	* 1.6406	* 0.9241	*	*	*
	* 1.9008	* 1.7551	* 1.5295	* 1.5761	* 2.7783	*	*	*
14	* 1.6847	* 1.6840	* 1.1463	* 0.7962	*	*	*	*
	* 1.5482	* 1.5476	* 2.2621	* 3.2341	*	*	*	*
15	* 0.8822	* 0.7918	* F-SUB-Q					
	* 2.9435	* 3.2773	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.4051	* 1.2524	* 1.1861	* 1.5001	* 1.4567	* 1.2774	* 1.5457	* 0.8150
	* 1.7298	* 1.9372	* 2.0470	* 1.6310	* 1.6884	* 1.9246	* 1.5995	* 3.0250
9	* 1.2524	* 1.3204	* 1.3765	* 1.3099	* 1.5726	* 1.3984	* 1.5505	* 0.7611
	* 1.9372	* 1.8401	* 1.7684	* 1.8663	* 1.5641	* 1.7612	* 1.5948	* 3.2379
10	* 1.1861	* 1.3726	* 1.2053	* 1.4784	* 1.3753	* 1.5863	* 1.0838	*
	* 2.0470	* 1.7734	* 2.0164	* 1.6537	* 1.7814	* 1.5536	* 2.2732	*
11	* 1.5001	* 1.2993	* 1.4713	* 1.2266	* 1.4285	* 1.5393	* 0.7528	*
	* 1.6310	* 1.8802	* 1.6614	* 1.9849	* 1.7150	* 1.5962	* 3.2546	*
12	* 1.4567	* 1.5553	* 1.3635	* 1.4212	* 1.4522	* 0.8655	*	*
	* 1.6884	* 1.5835	* 1.7963	* 1.7236	* 1.6851	* 2.8224	*	*
13	* 1.2774	* 1.3787	* 1.5692	* 1.5290	* 0.8634	*	*	*
	* 1.9246	* 1.7857	* 1.5701	* 1.6066	* 2.8289	*	*	*
14	* 1.5457	* 1.5393	* 1.0719	* 0.7456	*	*	*	*
	* 1.5995	* 1.6062	* 2.2978	* 3.2853	*	*	*	*
15	* 0.8150	* 0.7362	* F-SUB-Q					
	* 3.0250	* 3.3467	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.2878	* 1.1645	* 1.1033	* 1.3740	* 1.3339	* 1.1632	* 1.3643	* 0.7243
	* 1.8173	* 2.0067	* 2.1174	* 1.7120	* 1.7728	* 2.0337	* 1.7430	* 3.2777
9	* 1.1645	* 1.2288	* 1.2637	* 1.2164	* 1.4310	* 1.2737	* 1.3679	* 0.6793
	* 2.0067	* 1.9021	* 1.8531	* 1.9332	* 1.6476	* 1.8604	* 1.7386	* 3.4933
10	* 1.1033	* 1.2604	* 1.1177	* 1.3494	* 1.2696	* 1.4285	* 0.9752	*
	* 2.1174	* 1.8578	* 2.0921	* 1.7422	* 1.8560	* 1.6593	* 2.4321	*
11	* 1.3740	* 1.2073	* 1.3433	* 1.1312	* 1.2915	* 1.3800	* 0.6854	*
	* 1.7120	* 1.9465	* 1.7499	* 2.0709	* 1.8249	* 1.7127	* 3.4446	*
12	* 1.3339	* 1.4138	* 1.2593	* 1.2851	* 1.3149	* 0.7925	*	*
	* 1.7728	* 1.6673	* 1.8707	* 1.8316	* 1.7907	* 2.9689	*	*
13	* 1.1632	* 1.2565	* 1.4137	* 1.3711	* 0.7905	*	*	*
	* 2.0337	* 1.8854	* 1.6762	* 1.7235	* 2.9761	*	*	*
14	* 1.3643	* 1.3584	* 0.9649	* 0.6789	*	*	*	*
	* 1.7430	* 1.7505	* 2.4575	* 3.4767	*	*	*	*
15	* 0.7243	* 0.6592	* F-SUB-Q					
	* 3.2777	* 3.5994	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 169 of 306

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.1327	* 0.9628	* 0.9213	* 1.1788	* 1.0947	* 0.9332	* 1.0897	* 0.5707
	* 2.0093	* 2.3619	* 2.4677	* 1.9384	* 2.0998	* 2.4657	* 2.1223	* 4.0496
9	* 0.9628	* 1.0345	* 1.1004	* 1.0159	* 1.2422	* 1.0407	* 1.0782	* 0.5381
	* 2.3619	* 2.1970	* 2.0665	* 2.2503	* 1.8468	* 2.2138	* 2.1445	* 4.2953
10	* 0.9213	* 1.0992	* 0.9295	* 1.1627	* 1.0481	* 1.1816	* 0.7752	
	* 2.4677	* 2.0686	* 2.4471	* 1.9646	* 2.1851	* 1.9492	* 2.9776	
11	* 1.1788	* 1.0089	* 1.1570	* 0.9339	* 1.1006	* 1.0880	* 0.5615	
	* 1.9384	* 2.2651	* 1.9741	* 2.4400	* 2.0786	* 2.1120	* 4.0956	
12	* 1.0947	* 1.2258	* 1.0403	* 1.0969	* 1.0632	* 0.6546		
	* 2.0998	* 1.8712	* 2.2012	* 2.0854	* 2.1527	* 3.4995		
13	* 0.9332	* 1.0276	* 1.1711	* 1.0814	* 0.6528			
	* 2.4657	* 2.2416	* 1.9664	* 2.1247	* 3.5088			
14	* 1.0897	* 1.0703	* 0.7676	* 0.5561				
	* 2.1223	* 2.1601	* 3.0066	* 4.1341				
15	* 0.5707	* 0.5281	* F-SUB-Q					
	* 4.0496	* 4.3765	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.4801	* 0.4275	* 0.4336	* 0.5138	* 0.4804	* 0.4254	* 0.4232	* 0.2530
	* 4.6182	* 5.1908	* 5.1180	* 4.3290	* 4.6508	* 5.2788	* 5.3253	* 8.9177
9	* 0.4275	* 0.4544	* 0.4904	* 0.4613	* 0.5203	* 0.4529	* 0.4139	* 0.2362
	* 5.1908	* 4.8773	* 4.5191	* 4.8328	* 4.2961	* 4.9555	* 5.4437	* 9.5532
10	* 0.4336	* 0.4903	* 0.4375	* 0.5060	* 0.4647	* 0.4744	* 0.3454	
	* 5.1180	* 4.5195	* 5.0740	* 4.3997	* 4.8065	* 4.7289	* 6.5187	
11	* 0.5138	* 0.4582	* 0.5038	* 0.4356	* 0.4747	* 0.4225	* 0.2505	
	* 4.3290	* 4.8657	* 4.4127	* 5.1075	* 4.7000	* 5.2986	* 8.9663	
12	* 0.4804	* 0.5149	* 0.4614	* 0.4732	* 0.4214	* 0.3022		
	* 4.6508	* 4.3405	* 4.8407	* 4.7153	* 5.2971	* 7.4021		
13	* 0.4254	* 0.4480	* 0.4703	* 0.4202	* 0.3012			
	* 5.2788	* 5.0094	* 4.7695	* 5.3273	* 7.4249			
14	* 0.4232	* 0.4111	* 0.3423	* 0.2482				
	* 5.3253	* 5.4804	* 6.5777	* 9.0465				
15	* 0.2530	* 0.2351	* F-SUB-Q					
	* 8.9177	* 9.5977	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5081	* 0.4624	* 0.4423	* 0.5223	* 0.4842	* 0.4076	* 0.2957	* 0.1542
	* 3.9933	* 4.3894	* 4.6823	* 3.8457	* 4.1398	* 4.8979	* 4.9647	* 7.9563
9	* 0.4624	* 0.4462	* 0.4773	* 0.4681	* 0.5197	* 0.4451	* 0.3471	* 0.1651
	* 4.3894	* 4.5441	* 4.2125	* 4.2860	* 3.8520	* 4.4802	* 5.1166	* 8.4841
10	* 0.4423	* 0.4771	* 0.3641	* 0.4933	* 0.4686	* 0.4764	* 0.3287	*
	* 4.6823	* 4.2128	* 4.6707	* 4.0441	* 4.2660	* 4.1869	* 6.0346	*
11	* 0.5223	* 0.4663	* 0.4921	* 0.4364	* 0.4928	* 0.4471	* 0.2698	*
	* 3.8457	* 4.3024	* 4.0539	* 4.5867	* 4.0605	* 4.4733	* 7.3563	*
12	* 0.4842	* 0.5163	* 0.4669	* 0.4921	* 0.4535	* 0.3316	*	*
	* 4.1398	* 3.8777	* 4.2815	* 4.0665	* 4.5126	* 6.0595	*	*
13	* 0.4076	* 0.4425	* 0.4743	* 0.4458	* 0.3301	*	*	*
	* 4.8979	* 4.5063	* 4.2053	* 4.4864	* 6.0868	*	*	*
14	* 0.2957	* 0.3453	* 0.3270	* 0.2685	*	*	*	*
	* 4.9647	* 5.1342	* 6.0656	* 7.3941	*	*	*	*
15	* 0.1542	* 0.1635	* F-SUB-Q					
	* 7.9563	* 8.5454	* M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0762	* 0.9267	* 0.8620	* 1.0645	* 0.9934	* 0.8118	* 0.6725	* 0.3240
	* 1.9690	* 2.2858	* 2.4416	* 1.9670	* 2.1075	* 2.5386	* 2.2359	* 3.9556
9	* 0.9267	* 0.9063	* 0.9601	* 0.9433	* 1.1100	* 0.9207	* 0.7943	* 0.3385
	* 2.2858	* 2.2879	* 2.1565	* 2.2199	* 1.8842	* 2.2612	* 2.2756	* 4.2745
10	* 0.8620	* 0.9597	* 0.7104	* 1.0068	* 0.9609	* 1.0479	* 0.6715	*
	* 2.4416	* 2.1566	* 2.4677	* 2.0673	* 2.1739	* 1.9886	* 3.0851	*
11	* 1.0645	* 0.9394	* 1.0042	* 0.8622	* 1.0139	* 1.0085	* 0.5480	*
	* 1.9670	* 2.2291	* 2.0726	* 2.4189	* 2.0563	* 2.0674	* 3.7853	*
12	* 0.9934	* 1.1018	* 0.9572	* 1.0122	* 0.9885	* 0.6479	*	*
	* 2.1075	* 1.8982	* 2.1822	* 2.0597	* 2.1176	* 3.2205	*	*
13	* 0.8118	* 0.9147	* 1.0433	* 1.0055	* 0.6457	*	*	*
	* 2.5386	* 2.2760	* 1.9974	* 2.0735	* 3.2315	*	*	*
14	* 0.6725	* 0.7900	* 0.6679	* 0.5450	*	*	*	*
	* 2.2359	* 2.2835	* 3.1019	* 3.8064	*	*	*	*
15	* 0.3240	* 0.3326	* F-SUB-Q					
	* 3.9556	* 4.3394	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1867	1.0726	1.0025	1.2007	1.1586	0.9771	0.8419	0.4111
	1.8625	2.0585	2.1856	1.8207	1.8869	2.1908	1.9463	3.3107
9	1.0726	1.0545	1.0606	1.1030	1.2323	1.0883	0.9724	0.4226
	2.0585	2.0525	2.0453	1.9827	1.7745	1.9978	1.9336	3.5678
10	1.0025	1.0596	0.8412	1.1424	1.1326	1.2164	0.8265	
	2.1856	2.0460	2.2055	1.9036	1.9253	1.7889	2.5978	
11	1.2007	1.0979	1.1388	1.0120	1.1488	1.2002	0.6729	
	1.8207	1.9920	1.9095	2.1460	1.8915	1.8089	3.2175	
12	1.1586	1.2212	1.1277	1.1460	1.1599	0.7768		
	1.8869	1.7908	1.9337	1.8958	1.8748	2.7908		
13	0.9771	1.0805	1.2112	1.1964	0.7748			
	2.1908	2.0123	1.7966	1.8147	2.7980			
14	0.8419	0.9667	0.8218	0.6691				
	1.9463	1.9410	2.6113	3.2358				
15	0.4111	0.4164	F-SUB-Q					
	3.3107	3.6110	M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3536	1.1910	1.1171	1.3839	1.3076	1.0974	0.9939	0.4746
	1.7285	1.9618	2.0780	1.6742	1.7711	2.0374	1.7157	3.0428
9	1.1910	1.1754	1.2131	1.2330	1.4240	1.2371	1.1536	0.4837
	1.9618	1.9343	1.8856	1.8794	1.6274	1.8511	1.7040	3.3308
10	1.1171	1.2118	0.9259	1.3199	1.2762	1.4205	0.9325	
	2.0780	1.8864	2.0833	1.7458	1.8081	1.6169	2.4243	
11	1.3839	1.2266	1.3154	1.1393	1.3400	1.4170	0.7431	
	1.6742	1.8892	1.7518	2.0120	1.7127	1.6158	3.0744	
12	1.3076	1.4099	1.2700	1.3359	1.3405	0.8554		
	1.7711	1.6428	1.8170	1.7179	1.7125	2.6733		
13	1.0974	1.2273	1.4140	1.4123	0.8536			
	2.0374	1.8658	1.6246	1.6213	2.6791			
14	0.9939	1.1465	0.9266	0.7388				
	1.7157	1.7109	2.4382	3.0925				
15	0.4746	0.4765	F-SUB-Q					
	3.0428	3.3835	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4241	* 1.2385	* 1.1741	* 1.4743	* 1.3821	* 1.1620	* 1.0787	* 0.5233
	* 1.7770	* 2.0421	* 2.1462	* 1.6919	* 1.7990	* 2.0679	* 1.7017	* 3.0361
9	* 1.2385	* 1.2246	* 1.2888	* 1.2996	* 1.5222	* 1.3151	* 1.2478	* 0.5297
	* 2.0421	* 1.9787	* 1.9048	* 1.9203	* 1.6343	* 1.8721	* 1.6957	* 3.3194
10	* 1.1741	* 1.2874	* 0.9926	* 1.4107	* 1.3492	* 1.5231	* 1.0056	*
	* 2.1462	* 1.9059	* 2.1265	* 1.7570	* 1.8335	* 1.6110	* 2.4126	*
11	* 1.4743	* 1.2924	* 1.4055	* 1.2072	* 1.4387	* 1.5247	* 0.7985	*
	* 1.6919	* 1.9313	* 1.7637	* 2.0357	* 1.7041	* 1.6013	* 3.0574	*
12	* 1.3821	* 1.5061	* 1.3422	* 1.4341	* 1.4371	* 0.9170	*	*
	* 1.7990	* 1.6465	* 1.8433	* 1.7097	* 1.7105	* 2.6651	*	*
13	* 1.1620	* 1.3043	* 1.5154	* 1.5194	* 0.9151	*	*	*
	* 2.0679	* 1.8880	* 1.6196	* 1.6070	* 2.6706	*	*	*
14	* 1.0787	* 1.2398	* 0.9992	* 0.7934	*	*	*	*
	* 1.7017	* 1.7030	* 2.4269	* 3.0776	*	*	*	*
15	* 0.5233	* 0.5218	* F-SUB-Q					
	* 3.0361	* 3.3630	* M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4833	* 1.2835	* 1.2308	* 1.5550	* 1.4518	* 1.2324	* 1.1721	* 0.5838
	* 1.8806	* 2.1664	* 2.2342	* 1.7624	* 1.8837	* 2.1260	* 1.7365	* 3.1177
9	* 1.2835	* 1.2814	* 1.3625	* 1.3641	* 1.6096	* 1.3894	* 1.3411	* 0.5846
	* 2.1664	* 2.0472	* 1.9543	* 2.0129	* 1.6974	* 1.9520	* 1.7275	* 3.3889
10	* 1.2308	* 1.3614	* 1.0642	* 1.4960	* 1.4191	* 1.6128	* 1.0752	*
	* 2.2342	* 1.9557	* 2.1961	* 1.8090	* 1.9132	* 1.6646	* 2.4464	*
11	* 1.5550	* 1.3562	* 1.4902	* 1.2705	* 1.5217	* 1.6133	* 0.8472	*
	* 1.7624	* 2.0250	* 1.8156	* 2.1086	* 1.7526	* 1.6434	* 3.1489	*
12	* 1.4518	* 1.5919	* 1.4112	* 1.5166	* 1.5194	* 0.9710	*	*
	* 1.8837	* 1.7090	* 1.9242	* 1.7587	* 1.7550	* 2.7227	*	*
13	* 1.2324	* 1.3775	* 1.6041	* 1.6075	* 0.9692	*	*	*
	* 2.1260	* 1.9687	* 1.6740	* 1.6495	* 2.7278	*	*	*
14	* 1.1721	* 1.3323	* 1.0681	* 0.8415	*	*	*	*
	* 1.7365	* 1.7355	* 2.4616	* 3.1704	*	*	*	*
15	* 0.5838	* 0.5771	* F-SUB-Q					
	* 3.1177	* 3.4399	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5698	1.3531	1.3079	1.6643	1.5433	1.3192	1.3512	0.6898
	1.9365	2.2215	2.2825	1.7985	1.9175	2.1761	1.7553	3.2125
9	1.3531	1.3691	1.4753	1.4498	1.7272	1.4873	1.4791	0.6692
	2.2215	2.1012	1.9847	2.0584	1.7259	1.9767	1.7466	3.5092
10	1.3079	1.4742	1.1808	1.6168	1.5098	1.7302	1.1518	
	2.2825	1.9863	2.2512	1.8190	1.9747	1.7235	2.5048	
11	1.6643	1.4410	1.6103	1.3504	1.6276	1.7260	0.8878	
	1.7985	2.0702	1.8261	2.1977	1.8157	1.6985	3.3439	
12	1.5433	1.7074	1.5011	1.6220	1.6220	1.0157		
	1.9175	1.7457	1.9855	1.8222	1.8178	2.8668		
13	1.3192	1.4738	1.7205	1.7197	1.0139			
	2.1761	1.9949	1.7335	1.7051	2.8720			
14	1.3512	1.4693	1.1441	0.8818				
	1.7553	1.7550	2.5210	3.3671				
15	0.6898	0.6608	F-SUB-Q					
	3.2125	3.5550	M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6315	1.4127	1.3742	1.7476	1.6222	1.4065	1.5864	0.8459
	2.0363	2.3344	2.3868	1.8734	1.9943	2.2602	1.8155	3.3448
9	1.4127	1.4738	1.5739	1.5215	1.8174	1.5700	1.6700	0.7946
	2.3344	2.1847	2.0534	2.1468	1.7921	2.0509	1.8060	3.6510
10	1.3742	1.5728	1.3226	1.7184	1.5852	1.8180	1.2296	
	2.3868	2.0553	2.3352	1.8859	2.0582	1.7877	2.5854	
11	1.7476	1.5121	1.7115	1.4234	1.7045	1.8066	0.9289	
	1.8734	2.1586	1.8936	2.2879	1.9236	1.8112	3.5141	
12	1.6222	1.7959	1.5760	1.6985	1.6975	1.0580		
	1.9943	1.8112	2.0700	1.9306	1.9408	3.0719		
13	1.4065	1.5554	1.8074	1.7998	1.0563			
	2.2602	2.0703	1.7989	1.8183	3.0772			
14	1.5864	1.6614	1.2213	0.9225				
	1.8155	1.8151	2.6028	3.5385				
15	0.8459	0.7839	F-SUB-Q					
	3.3448	3.6992	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7156	1.4825	1.4472	1.8518	1.7156	1.4991	1.8460	0.9784
	2.1442	2.4729	2.5230	1.9600	2.0950	2.3751	1.8609	3.4745
9	1.4825	1.5786	1.6868	1.6015	1.9297	1.6620	1.8588	0.8960
	2.4729	2.3010	2.1431	2.2640	1.8698	2.1513	1.8617	3.8121
10	1.4472	1.6851	1.4633	1.8355	1.6697	1.9279	1.2974	
	2.5230	2.1452	2.4565	1.9693	2.1681	1.8627	2.7340	
11	1.8518	1.5925	1.8279	1.5031	1.8009	1.9083	0.9586	
	1.9600	2.2768	1.9775	2.4114	2.0081	1.8884	3.7560	
12	1.7156	1.9075	1.6600	1.7944	1.7892	1.0914		
	2.0950	1.8883	2.1809	2.0156	2.0306	3.3329		
13	1.4991	1.6461	1.9164	1.9010	1.0898			
	2.3751	2.1724	1.8746	1.8959	3.3378			
14	1.8460	1.8496	1.2883	0.9528				
	1.8609	1.8710	2.7533	3.7792				
15	0.9784	0.8804	F-SUB-Q					
	3.4745	3.8786	M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6987	1.4857	1.4604	1.8455	1.7278	1.5186	1.8881	1.0348
	2.4196	2.7646	2.8065	2.2010	2.3311	2.6304	2.0734	3.7656
9	1.4857	1.5922	1.6935	1.6124	1.9250	1.6748	1.8924	0.9582
	2.7646	2.5697	2.4076	2.5215	2.0963	2.3915	2.0739	4.0752
10	1.4604	1.6917	1.4871	1.8350	1.6798	1.9208	1.3433	
	2.8065	2.4101	2.7363	2.2094	2.4117	2.0846	2.9645	
11	1.8455	1.6032	1.8273	1.5177	1.7914	1.8956	0.9961	
	2.2010	2.5362	2.2188	2.6793	2.2503	2.1165	4.0274	
12	1.7278	1.9038	1.6699	1.7847	1.7836	1.1301		
	2.3311	2.1149	2.4263	2.2587	2.2678	3.5671		
13	1.5186	1.6586	1.9090	1.8881	1.1278			
	2.6304	2.4151	2.0982	2.1250	3.5742			
14	1.8881	1.8830	1.3340	0.9891				
	2.0734	2.0844	2.9850	4.0559				
15	1.0348	0.9440	F-SUB-Q					
	3.7656	4.1360	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 175 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7740	1.5347	1.5054	1.9381	1.7988	1.5777	2.0195	1.0777
	2.5724	2.9754	3.0277	2.3352	2.5008	2.8375	2.1964	4.1084
9	1.5347	1.6547	1.7814	1.6712	2.0262	1.7455	2.0124	0.9853
	2.9754	2.7565	2.5529	2.7082	2.2173	2.5607	2.2029	4.4960
10	1.5054	1.7795	1.5442	1.9295	1.7430	2.0243	1.3727	
	3.0277	2.5556	2.9392	2.3377	2.5832	2.2008	3.2448	
11	1.9381	1.6614	1.9210	1.5688	1.8840	1.9963	1.0016	
	2.3352	2.7241	2.3479	2.8689	2.3661	2.2217	4.4287	
12	1.7988	2.0047	1.7323	1.8769	1.8692	1.1374		
	2.5008	2.2365	2.5991	2.3750	2.3885	3.9086		
13	1.5777	1.7278	2.0115	1.9885	1.1358			
	2.8375	2.5868	2.2147	2.2303	3.9137			
14	2.0195	2.0021	1.3627	0.9953				
	2.1964	2.2141	3.2681	4.4562				
15	1.0777	0.9701	F-SUB-Q					
	4.1084	4.5654	M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7762	1.5370	1.5112	1.9520	1.8124	1.5890	2.0522	1.0958
	2.6107	3.0125	3.0589	2.3674	2.5515	2.9117	2.2668	4.2533
9	1.5370	1.6618	1.7929	1.6798	2.0435	1.7600	2.0411	1.0033
	3.0125	2.7873	2.5818	2.7506	2.2634	2.6284	2.2757	4.6436
10	1.5112	1.7909	1.5524	1.9449	1.7545	2.0444	1.3888	
	3.0589	2.5849	2.9819	2.3754	2.6323	2.2617	3.3398	
11	1.9520	1.6696	1.9361	1.5789	1.9020	2.0163	1.0140	
	2.3674	2.7678	2.3865	2.9223	2.4278	2.2923	4.5682	
12	1.8124	2.0225	1.7434	1.8946	1.8868	1.1501		
	2.5515	2.2872	2.6496	2.4377	2.4482	4.0215		
13	1.5890	1.7417	2.0312	2.0082	1.1485			
	2.9117	2.6564	2.2769	2.3019	4.0274			
14	2.0522	2.0305	1.3788	1.0065				
	2.2668	2.2879	3.3645	4.6028				
15	1.0958	0.9887	F-SUB-Q					
	4.2533	4.7114	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 176 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7252	1.5032	1.4855	1.9063	1.7814	1.5663	2.0149	1.0939
	2.6741	3.0638	3.0980	2.4139	2.5881	2.9527	2.3139	4.2727
9	1.5032	1.6264	1.7480	1.6492	1.9981	1.7317	2.0048	1.0127
	3.0638	2.8340	2.6348	2.7872	2.3062	2.6628	2.3204	4.6115
10	1.4855	1.7458	1.5231	1.9013	1.7252	2.0033	1.3885	
	3.0980	2.6381	3.0199	2.4165	2.6619	2.2982	3.3326	
11	1.9063	1.6388	1.8924	1.5540	1.8634	1.9765	1.0210	
	2.4139	2.8051	2.4282	2.9492	2.4604	2.3224	4.5045	
12	1.7814	1.9793	1.7139	1.8558	1.8520	1.1606		
	2.5881	2.3278	2.6799	2.4707	2.4729	3.9459		
13	1.5663	1.7133	1.9892	1.9683	1.1586			
	2.9527	2.6917	2.3141	2.3324	3.9533			
14	2.0149	1.9941	1.3783	1.0134				
	2.3139	2.3332	3.3579	4.5394				
15	1.0939	0.9971	F-SUB-Q					
	4.2727	4.6830	M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7458	1.5045	1.4856	1.9407	1.7986	1.5810	2.0740	1.0946
	2.5706	2.9769	3.0107	2.3156	2.5070	2.8648	2.1967	4.1488
9	1.5045	1.6356	1.7767	1.6580	2.0417	1.7517	2.0575	1.0011
	2.9769	2.7439	2.5249	2.7037	2.2067	2.5743	2.2118	4.5327
10	1.4856	1.7744	1.5300	1.9380	1.7388	2.0515	1.3760	
	3.0107	2.5282	2.9243	2.3142	2.5776	2.1940	3.2832	
11	1.9407	1.6471	1.9285	1.5644	1.9080	2.0284	1.0001	
	2.3156	2.7214	2.3255	2.8498	2.3446	2.2100	4.4677	
12	1.7986	2.0221	1.7269	1.9000	1.8910	1.1422		
	2.5070	2.2278	2.5952	2.3544	2.3586	3.8924		
13	1.5810	1.7322	2.0372	2.0197	1.1408			
	2.8648	2.6029	2.2092	2.2194	3.8973			
14	2.0740	2.0462	1.3653	0.9934				
	2.1967	2.2240	3.3088	4.4975				
15	1.0946	0.9846	F-SUB-Q					
	4.1488	4.6073	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7203	1.4776	1.4625	1.9231	1.7786	1.5651	2.0717	1.0836
	2.3786	2.7647	2.7919	2.1403	2.3226	2.6447	2.0118	3.8137
9	1.4776	1.6115	1.7573	1.6353	2.0293	1.7354	2.0530	0.9892
	2.7647	2.5403	2.3304	2.5105	2.0373	2.3824	2.0287	4.1748
10	1.4625	1.7549	1.5082	1.9227	1.7186	2.0436	1.3570	
	2.7919	2.3335	2.7090	2.1380	2.3911	2.0233	3.0435	
11	1.9231	1.6241	1.9129	1.5467	1.9007	2.0246	0.9839	
	2.1403	2.5271	2.1485	2.6374	2.1575	2.0312	4.1488	
12	1.7786	2.0090	1.7063	1.8925	1.8828	1.1269		
	2.3226	2.0570	2.4076	2.1664	2.1678	3.6010		
13	1.5651	1.7154	2.0289	2.0157	1.1252			
	2.6447	2.4091	2.0372	2.0396	3.6061			
14	2.0717	2.0414	1.3462	0.9773				
	2.0118	2.0398	3.0671	4.1758				
15	1.0836	0.9706	F-SUB-Q					
	3.8137	4.2529	M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6718	1.4380	1.4233	1.8754	1.7382	1.5297	2.0283	1.0629
	2.2083	2.5613	2.5868	1.9806	2.1464	2.4472	1.8607	3.5239
9	1.4380	1.5692	1.7109	1.5940	1.9831	1.6965	2.0105	0.9734
	2.5613	2.3528	2.1594	2.3238	1.8829	2.2017	1.8753	3.8455
10	1.4233	1.7084	1.4690	1.8768	1.6787	1.9999	1.3325	
	2.5868	2.1624	2.5076	1.9762	2.2102	1.8682	2.8021	
11	1.8754	1.5828	1.8669	1.5100	1.8591	1.9818	0.9684	
	1.9806	2.3396	1.9862	2.4413	1.9956	1.8769	3.8150	
12	1.7382	1.9628	1.6663	1.8509	1.8428	1.1101		
	2.1464	1.9015	2.2260	2.0041	2.0022	3.3013		
13	1.5297	1.6765	1.9844	1.9729	1.1085			
	2.4472	2.2269	1.8815	1.8850	3.3057			
14	2.0283	1.9988	1.3216	0.9616				
	1.8607	1.8859	2.8244	3.8409				
15	1.0629	0.9574	F-SUB-Q					
	3.5239	3.9077	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 178 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 8 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5864	* 1.3769	* 1.3682	* 1.7853	* 1.6682	* 1.4712	* 1.9335	* 1.0341
	* 2.1011	* 2.4162	* 2.4357	* 1.8803	* 2.0238	* 2.3099	* 1.7738	* 3.3002
9	* 1.3769	* 1.5012	* 1.6257	* 1.5288	* 1.8897	* 1.6288	* 1.9205	* 0.9594
	* 2.4162	* 2.2228	* 2.0548	* 2.1897	* 1.7865	* 2.0748	* 1.7826	* 3.5531
10	* 1.3682	* 1.6233	* 1.4092	* 1.7879	* 1.6121	* 1.9089	* 1.3045	
	* 2.4357	* 2.0579	* 2.3643	* 1.8740	* 2.0791	* 1.7692	* 2.5924	
11	* 1.7853	* 1.5178	* 1.7782	* 1.4513	* 1.7737	* 1.8920	* 0.9579	
	* 1.8803	* 2.2049	* 1.8837	* 2.2935	* 1.8796	* 1.7657	* 3.4749	
12	* 1.6682	* 1.8700	* 1.6000	* 1.7657	* 1.7630	* 1.0960		
	* 2.0238	* 1.8046	* 2.0941	* 1.8878	* 1.8802	* 3.0023		
13	* 1.4712	* 1.6093	* 1.8938	* 1.8833	* 1.0939			
	* 2.3099	* 2.0989	* 1.7820	* 1.7735	* 3.0079			
14	* 1.9335	* 1.9091	* 1.2938	* 0.9499				
	* 1.7738	* 1.7929	* 2.6131	* 3.5032				
15	* 1.0341	* 0.9436	* F-SUB-Q					
	* 3.3001	* 3.6105	* M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 7 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5860	* 1.3577	* 1.3449	* 1.7881	* 1.6545	* 1.4562	* 1.9524	* 1.0096
	* 1.8942	* 2.2086	* 2.2301	* 1.6938	* 1.8422	* 2.1109	* 1.5903	* 3.0607
9	* 1.3577	* 1.4864	* 1.6261	* 1.5091	* 1.8972	* 1.6168	* 1.9355	* 0.9231
	* 2.2086	* 2.0250	* 1.8544	* 2.0011	* 1.6063	* 1.8870	* 1.6003	* 3.3461
10	* 1.3449	* 1.6235	* 1.3895	* 1.7917	* 1.5946	* 1.9204	* 1.2623	
	* 2.2301	* 1.8572	* 2.1624	* 1.6871	* 1.8956	* 1.5857	* 2.4207	
11	* 1.7881	* 1.4979	* 1.7817	* 1.4338	* 1.7833	* 1.9069	* 0.9138	
	* 1.6938	* 2.0155	* 1.6961	* 2.0915	* 1.6917	* 1.5858	* 3.2928	
12	* 1.6545	* 1.8767	* 1.5822	* 1.7750	* 1.7671	* 1.0509		
	* 1.8422	* 1.6232	* 1.9098	* 1.6993	* 1.6999	* 2.8437		
13	* 1.4562	* 1.5969	* 1.9048	* 1.8979	* 1.0492			
	* 2.1109	* 1.9098	* 1.5977	* 1.5930	* 2.8479			
14	* 1.9524	* 1.9236	* 1.2514	* 0.9072				
	* 1.5903	* 1.6099	* 2.4412	* 3.3159				
15	* 1.0096	* 0.9052	* F-SUB-Q					
	* 3.0607	* 3.4108	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 179 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5240	* 1.3048	* 1.2913	* 1.7179	* 1.5923	* 1.4012	* 1.8805	* 0.9704 *
	* 1.8097	* 2.1087	* 2.1318	* 1.6183	* 1.7552	* 2.0018	* 1.5026	* 2.8985 *
9	* 1.3048	* 1.4292	* 1.5596	* 1.4494	* 1.8238	* 1.5563	* 1.8672	* 0.8882 *
	* 2.1087	* 1.9304	* 1.7729	* 1.9135	* 1.5346	* 1.7983	* 1.5121	* 3.1651 *
10	* 1.2913	* 1.5571	* 1.3337	* 1.7212	* 1.5331	* 1.8496	* 1.2141	*
	* 2.1318	* 1.7757	* 2.0660	* 1.6130	* 1.8124	* 1.5141	* 2.3063	*
11	* 1.7179	* 1.4384	* 1.7114	* 1.3772	* 1.7152	* 1.8381	* 0.8775	*
	* 1.6183	* 1.9274	* 1.6218	* 2.0035	* 1.6203	* 1.5157	* 3.1590	*
12	* 1.5923	* 1.8036	* 1.5210	* 1.7070	* 1.7001	* 1.0108	*	*
	* 1.7552	* 1.5510	* 1.8262	* 1.6277	* 1.6298	* 2.7312	*	*
13	* 1.4012	* 1.5367	* 1.8342	* 1.8292	* 1.0093	*	*	*
	* 2.0018	* 1.8205	* 1.5257	* 1.5228	* 2.7352	*	*	*
14	* 1.8805	* 1.8552	* 1.2033	* 0.8711	*	*	*	*
	* 1.5026	* 1.5216	* 2.3264	* 3.1816	*	*	*	*
15	* 0.9704	* 0.8702	* F-SUB-Q					
	* 2.8985	* 3.2289	* M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4495	* 1.2463	* 1.2284	* 1.6233	* 1.5134	* 1.3300	* 1.7659	* 0.9172 *
	* 1.7793	* 2.0645	* 2.0966	* 1.6012	* 1.7259	* 1.9679	* 1.4904	* 2.8576 *
9	* 1.2463	* 1.3602	* 1.4720	* 1.3773	* 1.7192	* 1.4772	* 1.7599	* 0.8573 *
	* 2.0645	* 1.8962	* 1.7562	* 1.8840	* 1.5220	* 1.7712	* 1.4951	* 3.0572 *
10	* 1.2284	* 1.4697	* 1.2669	* 1.6246	* 1.4552	* 1.7435	* 1.1546	*
	* 2.0966	* 1.7590	* 2.0351	* 1.5987	* 1.7871	* 1.5015	* 2.2669	*
11	* 1.6233	* 1.3669	* 1.6154	* 1.3061	* 1.6139	* 1.7293	* 0.8330	*
	* 1.6012	* 1.8977	* 1.6075	* 1.9796	* 1.6132	* 1.5089	* 3.1201	*
12	* 1.5134	* 1.7001	* 1.4437	* 1.6062	* 1.6105	* 0.9735	*	*
	* 1.7259	* 1.5387	* 1.8007	* 1.6207	* 1.6130	* 2.6625	*	*
13	* 1.3300	* 1.4584	* 1.7288	* 1.7206	* 0.9720	*	*	*
	* 1.9679	* 1.7933	* 1.5132	* 1.5161	* 2.6664	*	*	*
14	* 1.7659	* 1.7480	* 1.1442	* 0.8267	*	*	*	*
	* 1.4904	* 1.5049	* 2.2867	* 3.1433	*	*	*	*
15	* 0.9172	* 0.8250	* F-SUB-Q					
	* 2.8576	* 3.1753	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3499	* 1.1738	* 1.1509	* 1.4930	* 1.4081	* 1.2338	* 1.5928	* 0.8429 *
	* 1.8165	* 2.0838	* 2.1284	* 1.6538	* 1.7621	* 2.0154	* 1.5674	* 2.9528 *
9	* 1.1738	* 1.2719	* 1.3689	* 1.2869	* 1.5805	* 1.3705	* 1.5985	* 0.7872 *
	* 2.0838	* 1.9273	* 1.7947	* 1.9169	* 1.5705	* 1.8133	* 1.5615	* 3.1611 *
10	* 1.1509	* 1.3652	* 1.1842	* 1.4911	* 1.3550	* 1.5927	* 1.0749	*
	* 2.1284	* 1.7994	* 2.0712	* 1.6553	* 1.8247	* 1.5610	* 2.3138	*
11	* 1.4930	* 1.2776	* 1.4829	* 1.2155	* 1.4701	* 1.5701	* 0.7749	*
	* 1.6538	* 1.9303	* 1.6642	* 2.0244	* 1.6841	* 1.5797	* 3.1927	*
12	* 1.4081	* 1.5588	* 1.3447	* 1.4632	* 1.4897	* 0.9014	*	*
	* 1.7621	* 1.5915	* 1.8383	* 1.6918	* 1.6581	* 2.7376	*	*
13	* 1.2338	* 1.3536	* 1.5801	* 1.5621	* 0.8999	*	*	*
	* 2.0154	* 1.8354	* 1.5730	* 1.5875	* 2.7420	*	*	*
14	* 1.5928	* 1.5877	* 1.0652	* 0.7688	*	*	*	*
	* 1.5674	* 1.5719	* 2.3343	* 3.2174	*	*	*	*
15	* 0.8429	* 0.7629	* F-SUB-Q					
	* 2.9528	* 3.2616	* M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2257	* 1.0802	* 1.0541	* 1.3405	* 1.2744	* 1.1100	* 1.3755	* 0.7402 *
	* 1.9271	* 2.1821	* 2.2381	* 1.7715	* 1.8737	* 2.1513	* 1.7462	* 3.2393 *
9	* 1.0802	* 1.1658	* 1.2338	* 1.1759	* 1.4150	* 1.2344	* 1.3920	* 0.6945 *
	* 2.1821	* 2.0246	* 1.9169	* 2.0196	* 1.6877	* 1.9375	* 1.7250	* 3.4519 *
10	* 1.0541	* 1.2309	* 1.0812	* 1.3357	* 1.2324	* 1.4076	* 0.9589	*
	* 2.2381	* 1.9213	* 2.1846	* 1.7783	* 1.9311	* 1.6989	* 2.4982	*
11	* 1.3405	* 1.1679	* 1.3289	* 1.1022	* 1.3010	* 1.3825	* 0.6973	*
	* 1.7715	* 2.0327	* 1.7871	* 2.1498	* 1.8310	* 1.7271	* 3.4212	*
12	* 1.2744	* 1.3942	* 1.2236	* 1.2951	* 1.3257	* 0.8124	*	*
	* 1.8737	* 1.7120	* 1.9445	* 1.8368	* 1.7940	* 2.9279	*	*
13	* 1.1100	* 1.2199	* 1.3976	* 1.3754	* 0.8109	*	*	*
	* 2.1513	* 1.9600	* 1.7107	* 1.7357	* 2.9331	*	*	*
14	* 1.3755	* 1.3827	* 0.9505	* 0.6917	*	*	*	*
	* 1.7462	* 1.7364	* 2.5196	* 3.4480	*	*	*	*
15	* 0.7402	* 0.6756	* F-SUB-Q					
	* 3.2393	* 3.5482	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 181 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0480	* 0.8902	* 0.8688	* 1.1201	* 1.0353	* 0.8878	* 1.0757	* 0.5750
	* 2.1931	* 2.5802	* 2.6439	* 2.0610	* 2.2429	* 2.6176	* 2.1717	* 4.0614
9	* 0.8902	* 0.9677	* 1.0524	* 0.9674	* 1.1877	* 0.9977	* 1.0669	* 0.5429
	* 2.5802	* 2.3729	* 2.1836	* 2.3878	* 1.9513	* 2.3323	* 2.1894	* 4.3016
10	* 0.8688	* 1.0514	* 0.8869	* 1.1157	* 1.0042	* 1.1464	* 0.7558	
	* 2.6439	* 2.1855	* 2.5915	* 2.0688	* 2.3046	* 2.0297	* 3.0853	
11	* 1.1201	* 0.9615	* 1.1110	* 0.8977	* 1.0773	* 1.0781	* 0.5631	
	* 2.0610	* 2.4020	* 2.0773	* 2.5652	* 2.1461	* 2.1540	* 4.1276	
12	* 1.0353	* 1.1740	* 0.9978	* 1.0744	* 1.0507	* 0.6590		
	* 2.2429	* 1.9735	* 2.3191	* 2.1518	* 2.2024	* 3.5155		
13	* 0.8878	* 0.9867	* 1.1378	* 1.0732	* 0.6576			
	* 2.6176	* 2.3577	* 2.0445	* 2.1635	* 3.5226			
14	* 1.0757	* 1.0604	* 0.7497	* 0.5586				
	* 2.1717	* 2.2025	* 3.1099	* 4.1601				
15	* 0.5750	* 0.5330	* F-SUB-Q					
	* 4.0614	* 4.3809	* M-SUB-Q					

AT 50% POWER, 150 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4488	* 0.4004	* 0.4126	* 0.4933	* 0.4601	* 0.4109	* 0.4210	* 0.2551
	* 4.9927	* 5.5974	* 5.4353	* 4.5648	* 4.9093	* 5.5215	* 5.4084	* 8.9374
9	* 0.4004	* 0.4305	* 0.4703	* 0.4429	* 0.5032	* 0.4399	* 0.4121	* 0.2385
	* 5.5974	* 5.2035	* 4.7676	* 5.0865	* 4.4916	* 5.1579	* 5.5248	* 9.5602
10	* 0.4126	* 0.4699	* 0.4210	* 0.4907	* 0.4503	* 0.4668	* 0.3393	
	* 5.4353	* 4.7716	* 5.3323	* 4.5890	* 5.0146	* 4.8572	* 6.7053	
11	* 0.4933	* 0.4405	* 0.4887	* 0.4230	* 0.4694	* 0.4250	* 0.2516	
	* 4.5648	* 5.1141	* 4.6064	* 5.3163	* 4.8057	* 5.3252	* 9.0199	
12	* 0.4601	* 0.4986	* 0.4475	* 0.4681	* 0.4248	* 0.3039		
	* 4.9093	* 4.5321	* 5.0450	* 4.8183	* 5.3134	* 7.4416		
13	* 0.4109	* 0.4357	* 0.4634	* 0.4232	* 0.3032			
	* 5.5215	* 5.2063	* 4.8917	* 5.3479	* 7.4598			
14	* 0.4210	* 0.4097	* 0.3368	* 0.2497				
	* 5.4084	* 5.5563	* 6.7552	* 9.0873				
15	* 0.2551	* 0.2373	* F-SUB-Q					
	* 8.9374	* 9.6063	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5141	* 0.4703	* 0.4572	* 0.5368	* 0.4967	* 0.4142	* 0.3034	* 0.1583
	* 3.9501	* 4.3205	* 4.4591	* 3.7595	* 4.0574	* 4.8441	* 5.1408	* 8.2187
9	* 0.4703	* 0.4555	* 0.4933	* 0.4828	* 0.5339	* 0.4571	* 0.3600	* 0.1703
	* 4.3205	* 4.4573	* 4.1085	* 4.1757	* 3.7705	* 4.3886	* 5.3041	* 8.7706
10	* 0.4572	* 0.4931	* 0.3724	* 0.5120	* 0.4860	* 0.4954	* 0.3362	*
	* 4.4591	* 4.1096	* 4.7979	* 3.9184	* 4.1405	* 4.0551	* 5.9284	*
11	* 0.5368	* 0.4811	* 0.5110	* 0.4614	* 0.5184	* 0.4754	* 0.2845	*
	* 3.7595	* 4.1898	* 3.9262	* 4.3828	* 3.8920	* 4.2465	* 7.0301	*
12	* 0.4967	* 0.5311	* 0.4845	* 0.5178	* 0.4852	* 0.3528	*	*
	* 4.0574	* 3.7899	* 4.1530	* 3.8964	* 4.2022	* 5.7541	*	*
13	* 0.4142	* 0.4548	* 0.4936	* 0.4743	* 0.3512	*	*	*
	* 4.8441	* 4.4107	* 4.0697	* 4.2564	* 5.7791	*	*	*
14	* 0.3034	* 0.3584	* 0.3348	* 0.2831	*	*	*	*
	* 5.1408	* 5.3199	* 5.9532	* 7.0632	*	*	*	*
15	* 0.1583	* 0.1687	* F-SUB-Q					
	* 8.2187	* 8.8358	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0676	* 0.9163	* 0.8743	* 1.0778	* 0.9954	* 0.8040	* 0.6656	* 0.3233
	* 1.9784	* 2.3050	* 2.4055	* 1.9444	* 2.1075	* 2.5909	* 2.3647	* 4.1564
9	* 0.9163	* 0.9025	* 0.9819	* 0.9527	* 1.1191	* 0.9207	* 0.7946	* 0.3403
	* 2.3050	* 2.3293	* 2.1300	* 2.2016	* 1.8723	* 2.2683	* 2.4234	* 4.4921
10	* 0.8743	* 0.9816	* 0.7208	* 1.0290	* 0.9738	* 1.0612	* 0.6698	*
	* 2.4055	* 2.1306	* 2.5714	* 2.0263	* 2.1516	* 1.9712	* 3.0985	*
11	* 1.0778	* 0.9491	* 1.0268	* 0.8929	* 1.0489	* 1.0461	* 0.5663	*
	* 1.9444	* 2.2096	* 2.0306	* 2.3484	* 1.9973	* 2.0049	* 3.6787	*
12	* 0.9954	* 1.1127	* 0.9706	* 1.0475	* 1.0389	* 0.6811	*	*
	* 2.1075	* 1.8829	* 2.1585	* 1.9999	* 2.0282	* 3.0857	*	*
13	* 0.8040	* 0.9154	* 1.0572	* 1.0436	* 0.6791	*	*	*
	* 2.5909	* 2.2811	* 1.9784	* 2.0095	* 3.0949	*	*	*
14	* 0.6656	* 0.7910	* 0.6668	* 0.5636	*	*	*	*
	* 2.3647	* 2.4304	* 3.1123	* 3.6956	*	*	*	*
15	* 0.3233	* 0.3347	* F-SUB-Q					
	* 4.1564	* 4.5618	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 183 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2179	1.0648	1.0339	1.2581	1.1716	0.9673	0.8204	0.4035
	1.8011	2.0587	2.1056	1.7294	1.8590	2.2439	2.0025	3.4714
9	1.0648	1.0572	1.1348	1.1266	1.2894	1.0883	0.9663	0.4187
	2.0587	2.0628	1.9135	1.9331	1.6887	1.9918	2.0484	3.7457
10	1.0339	1.1345	0.8712	1.2081	1.1585	1.2574	0.8193	
	2.1056	1.9141	2.2386	1.7932	1.8777	1.7275	2.6303	
11	1.2581	1.1220	1.2049	1.0622	1.2241	1.2672	0.6956	
	1.7294	1.9409	1.7978	2.0440	1.7754	1.7141	3.1077	
12	1.1716	1.2805	1.1542	1.2214	1.2311	0.8307		
	1.8590	1.7006	1.8845	1.7792	1.7688	2.6157		
13	0.9673	1.0819	1.2530	1.2641	0.8289			
	2.2439	2.0041	1.7336	1.7181	2.6215			
14	0.8204	0.9617	0.8155	0.6923				
	2.0025	2.0547	2.6424	3.1222				
15	0.4035	0.4131	F-SUB-Q					
	3.4714	3.7926	M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4087	1.1831	1.1637	1.4759	1.3225	1.0687	0.9424	0.4514
	1.6356	1.9462	1.9657	1.5475	1.7280	2.1286	1.7892	3.2161
9	1.1831	1.1885	1.3346	1.2693	1.5100	1.2266	1.1184	0.4663
	1.9462	1.9282	1.7101	1.8012	1.5127	1.8528	1.8374	3.5299
10	1.1637	1.3342	0.9701	1.4128	1.3069	1.4643	0.9104	
	1.9657	1.7106	2.0701	1.6092	1.7453	1.5537	2.4779	
11	1.4759	1.2636	1.4088	1.2039	1.4406	1.4840	0.7619	
	1.5475	1.8093	1.6137	1.8892	1.5791	1.5308	2.9730	
12	1.3225	1.4986	1.3016	1.4372	1.4345	0.9167		
	1.7280	1.5243	1.7523	1.5827	1.5892	2.4801		
13	1.0687	1.2181	1.4591	1.4804	0.9152			
	2.1286	1.8655	1.5591	1.5344	2.4841			
14	0.9424	1.1129	0.9058	0.7581				
	1.7892	1.8432	2.4905	2.9879				
15	0.4514	0.4598	F-SUB-Q					
	3.2161	3.5788	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4832	1.2283	1.2242	1.5717	1.3867	1.1253	0.9889	0.4772
	1.6635	2.0046	2.0038	1.5512	1.7543	2.1519	1.8103	3.2576
9	1.2283	1.2432	1.4260	1.3316	1.6081	1.2830	1.1741	0.4910
	2.0046	1.9408	1.7148	1.8324	1.5118	1.8788	1.8578	3.5581
10	1.2242	1.4256	1.0364	1.5081	1.3733	1.5542	0.9600	
	2.0038	1.7155	2.0768	1.6071	1.7665	1.5508	2.4980	
11	1.5717	1.3254	1.5038	1.2727	1.5428	1.5760	0.8072	
	1.5512	1.8412	1.6118	1.9031	1.5654	1.5286	2.9733	
12	1.3867	1.5952	1.3677	1.5393	1.5345	0.9782		
	1.7543	1.5214	1.7740	1.5691	1.5798	2.4706		
13	1.1253	1.2738	1.5488	1.5723	0.9768			
	2.1519	1.8925	1.5562	1.5322	2.4740			
14	0.9889	1.1682	0.9552	0.8035				
	1.8103	1.8637	2.5105	2.9870				
15	0.4772	0.4841	F-SUB-Q					
	3.2576	3.6049	M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5374	1.2682	1.2730	1.6439	1.4353	1.1683	1.0246	0.4993
	1.7527	2.1212	2.0971	1.6066	1.8370	2.2538	1.8914	3.4142
9	1.2682	1.2941	1.4966	1.3803	1.6807	1.3337	1.2144	0.5120
	2.1212	1.9804	1.7597	1.9164	1.5658	1.9646	1.9305	3.7079
10	1.2730	1.4961	1.0907	1.5816	1.4252	1.6205	0.9963	
	2.0971	1.7603	2.1207	1.6607	1.8414	1.6018	2.6182	
11	1.6439	1.3736	1.5769	1.3256	1.6168	1.6383	0.8404	
	1.6066	1.9260	1.6659	1.9660	1.6056	1.5786	3.0791	
12	1.4353	1.6681	1.4193	1.6140	1.6082	1.0285		
	1.8370	1.5749	1.8492	1.6094	1.6162	2.5176		
13	1.1683	1.3251	1.6148	1.6345	1.0270			
	2.2538	1.9775	1.6075	1.5823	2.5214			
14	1.0246	1.2083	0.9913	0.8366				
	1.8914	1.9369	2.6315	3.0933				
15	0.4993	0.5049	F-SUB-Q					
	3.4142	3.7596	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6191	* 1.3241	* 1.3344	* 1.7410	* 1.4989	* 1.2100	* 1.0845	* 0.5317
	* 1.8445	* 2.2393	* 2.2102	* 1.6821	* 1.9499	* 2.3905	* 1.9543	* 3.5843
9	* 1.3241	* 1.3666	* 1.5978	* 1.4439	* 1.7814	* 1.3823	* 1.2797	* 0.5411
	* 2.2393	* 2.0151	* 1.7648	* 2.0331	* 1.6342	* 2.0974	* 1.9874	* 3.9092
10	* 1.3344	* 1.5973	* 1.1453	* 1.6840	* 1.4915	* 1.7088	* 1.0316	*
	* 2.2102	* 1.7655	* 2.1599	* 1.7168	* 1.9470	* 1.6694	* 2.7574	*
11	* 1.7410	* 1.4368	* 1.6790	* 1.3888	* 1.7151	* 1.7191	* 0.8626	*
	* 1.6821	* 2.0436	* 1.7216	* 2.0639	* 1.6635	* 1.6477	* 3.2991	*
12	* 1.4989	* 1.7691	* 1.4851	* 1.7121	* 1.7007	* 1.0587	*	*
	* 1.9499	* 1.6441	* 1.9555	* 1.6675	* 1.6653	* 2.6721	*	*
13	* 1.2100	* 1.3722	* 1.7029	* 1.7153	* 1.0577	*	*	*
	* 2.3905	* 2.1130	* 1.6754	* 1.6515	* 2.6748	*	*	*
14	* 1.0845	* 1.2734	* 1.0265	* 0.8589	*	*	*	*
	* 1.9543	* 1.9940	* 2.7702	* 3.3137	*	*	*	*
15	* 0.5317	* 0.5337	* F-SUB-Q					
	* 3.5843	* 3.9573	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6787	* 1.3741	* 1.3912	* 1.8126	* 1.5503	* 1.2576	* 1.1767	* 0.5967
	* 1.9542	* 2.3503	* 2.3097	* 1.7875	* 2.0900	* 2.5123	* 2.0658	* 3.7868
9	* 1.3741	* 1.4477	* 1.6894	* 1.4986	* 1.8562	* 1.4311	* 1.3467	* 0.5923
	* 2.3503	* 2.1061	* 1.8316	* 2.1336	* 1.7373	* 2.2286	* 2.1016	* 4.1206
10	* 1.3912	* 1.6890	* 1.2353	* 1.7706	* 1.5475	* 1.7679	* 1.0739	*
	* 2.3097	* 1.8323	* 2.2569	* 1.7803	* 2.0858	* 1.8088	* 2.8913	*
11	* 1.8126	* 1.4912	* 1.7655	* 1.4399	* 1.7866	* 1.7712	* 0.8876	*
	* 1.7875	* 2.1379	* 1.7851	* 2.2374	* 1.7931	* 1.7848	* 3.5936	*
12	* 1.5503	* 1.8451	* 1.5410	* 1.7836	* 1.7655	* 1.0926	*	*
	* 2.0900	* 1.7475	* 2.0945	* 1.7974	* 1.7870	* 2.8806	*	*
13	* 1.2576	* 1.4213	* 1.7618	* 1.7674	* 1.0918	*	*	*
	* 2.5123	* 2.2457	* 1.8153	* 1.7888	* 2.8828	*	*	*
14	* 1.1767	* 1.3402	* 1.0687	* 0.8839	*	*	*	*
	* 2.0658	* 2.1086	* 2.9048	* 3.6094	*	*	*	*
15	* 0.5967	* 0.5854	* F-SUB-Q					
	* 3.7868	* 4.1718	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7713	* 1.4440	* 1.4637	* 1.9160	* 1.6195	* 1.3080	* 1.3608	* 0.7151
	* 2.0525	* 2.4933	* 2.4478	* 1.8747	* 2.2153	* 2.6748	* 2.1690	* 4.0329
9	* 1.4440	* 1.5677	* 1.8251	* 1.5704	* 1.9677	* 1.4980	* 1.4585	* 0.6799
	* 2.4933	* 2.2221	* 1.9096	* 2.2570	* 1.8149	* 2.3615	* 2.2018	* 4.4194
10	* 1.4637	* 1.8248	* 1.3860	* 1.8980	* 1.6212	* 1.8546	* 1.1201	*
	* 2.4478	* 1.9103	* 2.3817	* 1.8628	* 2.2034	* 1.9214	* 3.0957	*
11	* 1.9160	* 1.5630	* 1.8928	* 1.5035	* 1.8865	* 1.8464	* 0.9056	*
	* 1.8747	* 2.2617	* 1.8678	* 2.3738	* 1.8949	* 1.9335	* 3.9336	*
12	* 1.6195	* 1.9563	* 1.6144	* 1.8836	* 1.8550	* 1.1155	*	*
	* 2.2153	* 1.8258	* 2.2128	* 1.8979	* 1.9231	* 3.1841	*	*
13	* 1.3080	* 1.4863	* 1.8484	* 1.8427	* 1.1150	*	*	*
	* 2.6748	* 2.3799	* 1.9280	* 1.9375	* 3.1858	*	*	*
14	* 1.3608	* 1.4532	* 1.1145	* 0.9013	*	*	*	*
	* 2.1690	* 2.2091	* 3.1107	* 3.9524	*	*	*	*
15	* 0.7151	* 0.6712	* F-SUB-Q					
	* 4.0329	* 4.4747	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7627	* 1.4800	* 1.4958	* 1.9123	* 1.6290	* 1.3569	* 1.5313	* 0.8248
	* 2.3043	* 2.7363	* 2.6979	* 2.0967	* 2.4558	* 2.9211	* 2.4362	* 4.4176
9	* 1.4800	* 1.6306	* 1.8551	* 1.5953	* 1.9650	* 1.5196	* 1.5304	* 0.7728
	* 2.7363	* 2.4484	* 2.1431	* 2.5004	* 2.0285	* 2.6159	* 2.4742	* 4.7566
10	* 1.4958	* 1.8544	* 1.5017	* 1.9145	* 1.6366	* 1.8371	* 1.1635	*
	* 2.6979	* 2.1439	* 2.6417	* 2.0787	* 2.4384	* 2.1534	* 3.3572	*
11	* 1.9123	* 1.5920	* 1.9094	* 1.5200	* 1.8760	* 1.8265	* 0.9364	*
	* 2.0967	* 2.5056	* 2.0843	* 2.6222	* 2.1228	* 2.1620	* 4.2190	*
12	* 1.6290	* 1.9535	* 1.6299	* 1.8731	* 1.8369	* 1.1519	*	*
	* 2.4558	* 2.0407	* 2.4486	* 2.1261	* 2.1525	* 3.4290	*	*
13	* 1.3569	* 1.5096	* 1.8310	* 1.8231	* 1.1509	*	*	*
	* 2.9211	* 2.6333	* 2.1615	* 2.1664	* 3.4323	*	*	*
14	* 1.5313	* 1.5252	* 1.1581	* 0.9325	*	*	*	*
	* 2.4362	* 2.4823	* 3.3726	* 4.2368	*	*	*	*
15	* 0.8248	* 0.7626	* F-SUB-Q					
	* 4.4176	* 4.8190	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 187 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8607	* 1.5208	* 1.5469	* 2.0180	* 1.6911	* 1.3832	* 1.6553	* 0.8807 *
	* 2.3559	* 2.8772	* 2.8248	* 2.1673	* 2.5909	* 3.1690	* 2.6103	* 4.8497 *
9	* 1.5208	* 1.7072	* 1.9890	* 1.6698	* 2.0783	* 1.5681	* 1.6393	* 0.8092 *
	* 2.8772	* 2.5537	* 2.1905	* 2.6154	* 2.1081	* 2.7992	* 2.6454	* 5.2923 *
10	* 1.5469	* 1.9883	* 1.5815	* 2.0302	* 1.6984	* 1.9323	* 1.1869	*
	* 2.8248	* 2.1912	* 2.7586	* 2.1542	* 2.5841	* 2.2766	* 3.7023	*
11	* 2.0180	* 1.6664	* 2.0249	* 1.5854	* 1.9774	* 1.9082	* 0.9372	*
	* 2.1673	* 2.6208	* 2.1600	* 2.7632	* 2.2258	* 2.3057	* 4.7051	*
12	* 1.6911	* 2.0668	* 1.6914	* 1.9747	* 1.9332	* 1.1538	*	*
	* 2.5909	* 2.1201	* 2.5951	* 2.2291	* 2.2785	* 3.8158	*	*
13	* 1.3832	* 1.5559	* 1.9252	* 1.9049	* 1.1536	*	*	*
	* 3.1690	* 2.8215	* 2.2873	* 2.3099	* 3.8167	*	*	*
14	* 1.6553	* 1.6340	* 1.1816	* 0.9336	*	*	*	*
	* 2.6103	* 2.6539	* 3.7194	* 4.7234	*	*	*	*
15	* 0.8807	* 0.7996	* F-SUB-Q					
	* 4.8497	* 5.3552	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8779	* 1.5375	* 1.5625	* 2.0392	* 1.7032	* 1.3974	* 1.6832	* 0.9009 *
	* 2.3846	* 2.9095	* 2.8586	* 2.1912	* 2.6283	* 3.2132	* 2.6762	* 5.0075 *
9	* 1.5375	* 1.7364	* 2.0201	* 1.6882	* 2.1001	* 1.5786	* 1.6628	* 0.8301 *
	* 2.9095	* 2.5749	* 2.2107	* 2.6470	* 2.1315	* 2.8441	* 2.7074	* 5.4359 *
10	* 1.5625	* 2.0194	* 1.6033	* 2.0548	* 1.7110	* 1.9485	* 1.1991	*
	* 2.8586	* 2.2115	* 2.7904	* 2.1751	* 2.6165	* 2.3046	* 3.7593	*
11	* 2.0392	* 1.6848	* 2.0496	* 1.6019	* 1.9966	* 1.9191	* 0.9446	*
	* 2.1912	* 2.6524	* 2.1808	* 2.7915	* 2.2432	* 2.3427	* 4.7801	*
12	* 1.7032	* 2.0885	* 1.7040	* 1.9939	* 1.9512	* 1.1643	*	*
	* 2.6283	* 2.1436	* 2.6275	* 2.2464	* 2.3015	* 3.8702	*	*
13	* 1.3974	* 1.5664	* 1.9403	* 1.9159	* 1.1642	*	*	*
	* 3.2132	* 2.8668	* 2.3153	* 2.3468	* 3.8709	*	*	*
14	* 1.6832	* 1.6575	* 1.1938	* 0.9411	*	*	*	*
	* 2.6762	* 2.7164	* 3.7765	* 4.7986	*	*	*	*
15	* 0.9009	* 0.8207	* F-SUB-Q					
	* 5.0075	* 5.4976	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8346	1.5382	1.5516	1.9965	1.6760	1.3960	1.6521	0.8992
	2.4728	2.9465	2.9180	2.2670	2.7050	3.2624	2.7879	5.1456
9	1.5382	1.7299	1.9806	1.6655	2.0571	1.5598	1.6310	0.8379
	2.9466	2.6208	2.2859	2.7170	2.2033	2.9151	2.8178	5.5176
10	1.5516	1.9800	1.5827	2.0133	1.6857	1.9062	1.1982	
	2.9180	2.2867	2.8625	2.2466	2.6845	2.3827	3.8179	
11	1.9965	1.6621	2.0082	1.5815	1.9550	1.8791	0.9506	
	2.2670	2.7227	2.2524	2.8580	2.3104	2.4116	4.7887	
12	1.6760	2.0451	1.6789	1.9525	1.9109	1.1752		
	2.7050	2.2163	2.6957	2.3136	2.3650	3.8533		
13	1.3960	1.5496	1.8984	1.8762	1.1746			
	3.2624	2.9347	2.3902	2.4155	3.8555			
14	1.6521	1.6258	1.1929	0.9469				
	2.7879	2.8270	3.8352	4.8079				
15	0.8992	0.8269	F-SUB-Q					
	5.1456	5.5909	M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8738	1.5215	1.5510	2.0397	1.6878	1.3733	1.6794	0.8936
	2.3942	2.9437	2.8843	2.2027	2.6614	3.2782	2.7090	5.0829
9	1.5215	1.7304	2.0286	1.6758	2.1040	1.5633	1.6589	0.8206
	2.9437	2.5954	2.2145	2.6750	2.1386	2.8789	2.7385	5.5316
10	1.5510	2.0279	1.5936	2.0587	1.6964	1.9499	1.1799	
	2.8843	2.2152	2.8120	2.1807	2.6417	2.3041	3.8248	
11	2.0397	1.6726	2.0539	1.5916	2.0027	1.9189	0.9288	
	2.2027	2.6800	2.1857	2.8070	2.2340	2.3371	4.8160	
12	1.6878	2.0925	1.6895	2.0002	1.9661	1.1542		
	2.6614	2.1500	2.6521	2.2363	2.2732	3.8615		
13	1.3733	1.5510	1.9443	1.9162	1.1541			
	3.2782	2.9014	2.3106	2.3403	3.8618			
14	1.6794	1.6537	1.1746	0.9255				
	2.7090	2.7470	3.8418	4.8327				
15	0.8936	0.8108	F-SUB-Q					
	5.0829	5.5979	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8611	1.5006	1.5351	2.0298	1.6696	1.3484	1.6656	0.8807
	2.2135	2.7381	2.6792	2.0433	2.4806	3.0644	2.5001	4.6918
9	1.5006	1.7136	2.0216	1.6581	2.0955	1.5464	1.6460	0.8072
	2.7381	2.4078	2.0464	2.4898	1.9847	2.6807	2.5284	5.1169
10	1.5351	2.0210	1.5777	2.0501	1.6787	1.9444	1.1605	
	2.6792	2.0470	2.6110	2.0237	2.4656	2.1350	3.5654	
11	2.0298	1.6550	2.0454	1.5766	1.9981	1.9123	0.9132	
	2.0433	2.4940	2.0279	2.6142	2.0702	2.1669	4.4919	
12	1.6696	2.0841	1.6719	1.9957	1.9677	1.1395		
	2.4806	1.9947	2.4748	2.0720	2.0985	3.5964		
13	1.3484	1.5340	1.9389	1.9099	1.1397			
	3.0644	2.7010	2.1404	2.1693	3.5955			
14	1.6656	1.6409	1.1553	0.9092				
	2.5001	2.5357	3.5804	4.5101				
15	0.8807	0.7955	F-SUB-Q					
	4.6918	5.1896	M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8212	1.4769	1.5042	1.9896	1.6361	1.3283	1.6321	0.8647
	2.0341	2.5018	2.4575	1.8741	2.2770	2.8025	2.3025	4.3177
9	1.4769	1.6864	1.9812	1.6252	2.0548	1.5146	1.6129	0.7953
	2.5018	2.1993	1.8767	2.2832	1.8204	2.4632	2.3275	4.6916
10	1.5042	1.9805	1.5456	2.0101	1.6459	1.9072	1.1420	
	2.4575	1.8772	2.3950	1.8549	2.2610	1.9605	3.2637	
11	1.9896	1.6222	2.0054	1.5458	1.9600	1.8768	0.9011	
	1.8741	2.2871	1.8589	2.3953	1.9001	1.9882	4.1052	
12	1.6361	2.0435	1.6392	1.9578	1.9316	1.1267		
	2.2770	1.8298	2.2696	1.9018	1.9233	3.2710		
13	1.3283	1.5024	1.9019	1.8745	1.1268			
	2.8025	2.4821	1.9655	1.9903	3.2704			
14	1.6321	1.6080	1.1369	0.8981				
	2.3025	2.3343	3.2776	4.1184				
15	0.8647	0.7857	F-SUB-Q					
	4.3177	4.7470	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7386	* 1.4518	* 1.4653	* 1.9073	* 1.5805	* 1.3093	* 1.5684	* 0.8461
	* 1.9224	* 2.2971	* 2.2811	* 1.7623	* 2.1256	* 2.5674	* 2.1708	* 4.0079
9	* 1.4518	* 1.6468	* 1.8967	* 1.5719	* 1.9696	* 1.4737	* 1.5495	* 0.7904
	* 2.2971	* 2.0331	* 1.7687	* 2.1297	* 1.7118	* 2.2845	* 2.1931	* 4.2852
10	* 1.4653	* 1.8960	* 1.4943	* 1.9273	* 1.5923	* 1.8284	* 1.1252	*
	* 2.2811	* 1.7693	* 2.2357	* 1.7435	* 2.1061	* 1.8359	* 2.9909	*
11	* 1.9073	* 1.5688	* 1.9224	* 1.4976	* 1.8794	* 1.8039	* 0.8955	*
	* 1.7623	* 2.1336	* 1.7476	* 2.2305	* 1.7783	* 1.8531	* 3.7060	*
12	* 1.5805	* 1.9583	* 1.5857	* 1.8773	* 1.8504	* 1.1202	*	*
	* 2.1256	* 1.7210	* 2.1143	* 1.7798	* 1.7980	* 2.9466	*	*
13	* 1.3093	* 1.4637	* 1.8232	* 1.8016	* 1.1200	*	*	*
	* 2.5674	* 2.2992	* 1.8407	* 1.8552	* 2.9468	*	*	*
14	* 1.5684	* 1.5447	* 1.1203	* 0.8923	*	*	*	*
	* 2.1708	* 2.1997	* 3.0033	* 3.7187	*	*	*	*
15	* 0.8461	* 0.7795	* F-SUB-Q					
	* 4.0079	* 4.3434	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7537	* 1.4127	* 1.4431	* 1.9260	* 1.5722	* 1.2666	* 1.5827	* 0.8298
	* 1.7192	* 2.1301	* 2.0832	* 1.5729	* 1.9258	* 2.3932	* 1.9433	* 3.6953
9	* 1.4127	* 1.6208	* 1.9176	* 1.5595	* 1.9911	* 1.4563	* 1.5642	* 0.7618
	* 2.1301	* 1.8638	* 1.5779	* 1.9355	* 1.5262	* 2.0827	* 1.9613	* 4.0203
10	* 1.4431	* 1.9168	* 1.4830	* 1.9469	* 1.5815	* 1.8525	* 1.0913	*
	* 2.0832	* 1.5785	* 2.0320	* 1.5554	* 1.9102	* 1.6356	* 2.7807	*
11	* 1.9260	* 1.5564	* 1.9421	* 1.4853	* 1.9019	* 1.8238	* 0.8596	*
	* 1.5729	* 1.9392	* 1.5591	* 2.0242	* 1.5857	* 1.6579	* 3.4896	*
12	* 1.5722	* 1.9793	* 1.5747	* 1.8998	* 1.8793	* 1.0787	*	*
	* 1.9258	* 1.5346	* 1.9180	* 1.5872	* 1.6028	* 2.7749	*	*
13	* 1.2666	* 1.4440	* 1.8471	* 1.8215	* 1.0790	*	*	*
	* 2.3932	* 2.0996	* 1.6400	* 1.6597	* 2.7739	*	*	*
14	* 1.5827	* 1.5593	* 1.0862	* 0.8561	*	*	*	*
	* 1.9433	* 1.9673	* 2.7931	* 3.5036	*	*	*	*
15	* 0.8298	* 0.7506	* F-SUB-Q					
	* 3.6953	* 4.0788	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 191 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6935	* 1.3656	* 1.3956	* 1.8656	* 1.5234	* 1.2269	* 1.5437	* 0.8081
	* 1.6335	* 2.0209	* 1.9762	* 1.4897	* 1.8247	* 2.2661	* 1.8149	* 3.4504
9	* 1.3656	* 1.5690	* 1.8549	* 1.5087	* 1.9301	* 1.4129	* 1.5251	* 0.7426
	* 2.0209	* 1.7633	* 1.4940	* 1.8347	* 1.4451	* 1.9703	* 1.8356	* 3.7542
10	* 1.3956	* 1.8541	* 1.4339	* 1.8861	* 1.5322	* 1.7986	* 1.0594	*
	* 1.9762	* 1.4947	* 1.9253	* 1.4733	* 1.8120	* 1.5494	* 2.6268	*
11	* 1.8656	* 1.5055	* 1.8808	* 1.4371	* 1.8431	* 1.7737	* 0.8331	*
	* 1.4897	* 1.8384	* 1.4771	* 1.9216	* 1.5061	* 1.5700	* 3.3177	*
12	* 1.5234	* 1.9181	* 1.5253	* 1.8408	* 1.8217	* 1.0463	*	*
	* 1.8247	* 1.4537	* 1.8197	* 1.5076	* 1.5244	* 2.6409	*	*
13	* 1.2269	* 1.4006	* 1.7932	* 1.7713	* 1.0467	*	*	*
	* 2.2661	* 1.9868	* 1.5538	* 1.5719	* 2.6400	*	*	*
14	* 1.5437	* 1.5200	* 1.0544	* 0.8296	*	*	*	*
	* 1.8149	* 1.8415	* 2.6389	* 3.3311	*	*	*	*
15	* 0.8081	* 0.7307	* F-SUB-Q					
	* 3.4504	* 3.8133	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6058	* 1.3094	* 1.3322	* 1.7707	* 1.4576	* 1.1804	* 1.4860	* 0.7813
	* 1.6105	* 1.9710	* 1.9370	* 1.4675	* 1.7839	* 2.2033	* 1.7583	* 3.3290
9	* 1.3094	* 1.4973	* 1.7525	* 1.4404	* 1.8293	* 1.3549	* 1.4664	* 0.7315
	* 1.9710	* 1.7275	* 1.4780	* 1.7983	* 1.4257	* 1.9225	* 1.7815	* 3.5558
10	* 1.3322	* 1.7516	* 1.3679	* 1.7886	* 1.4649	* 1.7071	* 1.0206	*
	* 1.9370	* 1.4788	* 1.8885	* 1.4532	* 1.7742	* 1.5287	* 2.5513	*
11	* 1.7707	* 1.4369	* 1.7833	* 1.3709	* 1.7450	* 1.6888	* 0.7994	*
	* 1.4675	* 1.8023	* 1.4572	* 1.8865	* 1.4896	* 1.5445	* 3.2431	*
12	* 1.4576	* 1.8165	* 1.4581	* 1.7426	* 1.7169	* 1.0104	*	*
	* 1.7839	* 1.4353	* 1.7821	* 1.4916	* 1.5164	* 2.5671	*	*
13	* 1.1804	* 1.3428	* 1.7015	* 1.6864	* 1.0107	*	*	*
	* 2.2033	* 1.9392	* 1.5335	* 1.5466	* 2.5662	*	*	*
14	* 1.4860	* 1.4612	* 1.0156	* 0.7960	*	*	*	*
	* 1.7583	* 1.7877	* 2.5634	* 3.2565	*	*	*	*
15	* 0.7813	* 0.7074	* F-SUB-Q					
	* 3.3290	* 3.6756	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4754	* 1.2343	* 1.2426	* 1.6223	* 1.3625	* 1.1158	* 1.3899	* 0.7390 *
	* 1.6663	* 1.9881	* 1.9754	* 1.5220	* 1.8143	* 2.2175	* 1.7860	* 3.3468 *
9	* 1.2343	* 1.3972	* 1.5918	* 1.3435	* 1.6684	* 1.2703	* 1.3695	* 0.6891 *
	* 1.9881	* 1.7592	* 1.5461	* 1.8333	* 1.4853	* 1.9505	* 1.8125	* 3.5886 *
10	* 1.2426	* 1.5908	* 1.2740	* 1.6350	* 1.3673	* 1.5616	* 0.9642 *	
	* 1.9754	* 1.5470	* 1.9285	* 1.5106	* 1.8082	* 1.5898	* 2.5696 *	
11	* 1.6223	* 1.3401	* 1.6295	* 1.2753	* 1.5865	* 1.5526	* 0.7511 *	
	* 1.5220	* 1.8377	* 1.5153	* 1.9299	* 1.5585	* 1.5978	* 3.2885 *	
12	* 1.3625	* 1.6562	* 1.3608	* 1.5839	* 1.5791	* 0.9387 *		
	* 1.8143	* 1.4959	* 1.8165	* 1.5609	* 1.5676	* 2.6311 *		
13	* 1.1158	* 1.2590	* 1.5536	* 1.5500	* 0.9388 *			
	* 2.2175	* 1.9675	* 1.5975	* 1.6003	* 2.6309 *			
14	* 1.3899	* 1.3643	* 0.9592	* 0.7477 *				
	* 1.7860	* 1.8190	* 2.5824	* 3.3030 *				
15	* 0.7390	* 0.6710	* F-SUB-Q					
	* 3.3468	* 3.6851	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3165	* 1.1176	* 1.1174	* 1.4241	* 1.2306	* 1.0108	* 1.2446	* 0.6641 *
	* 1.7994	* 2.1165	* 2.1161	* 1.6693	* 1.9349	* 2.3556	* 1.9214	* 3.5926 *
9	* 1.1176	* 1.2501	* 1.3920	* 1.2092	* 1.4643	* 1.1498	* 1.2238	* 0.6224 *
	* 2.1165	* 1.8934	* 1.7017	* 1.9617	* 1.6289	* 2.0764	* 1.9540	* 3.8340 *
10	* 1.1174	* 1.3917	* 1.1426	* 1.4311	* 1.2309	* 1.3728	* 0.8706 *	
	* 2.1161	* 1.7021	* 2.0711	* 1.6615	* 1.9345	* 1.7416	* 2.7444 *	
11	* 1.4241	* 1.2064	* 1.4263	* 1.1414	* 1.3800	* 1.3665	* 0.6780 *	
	* 1.6693	* 1.9662	* 1.6669	* 2.0774	* 1.7255	* 1.7479	* 3.5159 *	
12	* 1.2306	* 1.4541	* 1.2253	* 1.3777	* 1.3840	* 0.8376 *		
	* 1.9349	* 1.6401	* 1.9431	* 1.7283	* 1.7223	* 2.8437 *		
13	* 1.0108	* 1.1399	* 1.3658	* 1.3640	* 0.8374 *			
	* 2.3556	* 2.0940	* 1.7500	* 1.7509	* 2.8444 *			
14	* 1.2446	* 1.2192	* 0.8661	* 0.6747 *				
	* 1.9214	* 1.9611	* 2.7581	* 3.5327 *				
15	* 0.6641	* 0.6071	* F-SUB-Q					
	* 3.5926	* 3.9302	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 275 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0830	* 0.9120	* 0.8988	* 1.1259	* 0.9981	* 0.8192	* 0.9668	* 0.5224 *
	* 2.1276	* 2.5238	* 2.5608	* 2.0532	* 2.3215	* 2.8351	* 2.4084	* 4.4538 *
9	* 0.9120	* 1.0089	* 1.1118	* 0.9746	* 1.1714	* 0.9298	* 0.9545	* 0.4943 *
	* 2.5238	* 2.2827	* 2.0720	* 2.3680	* 1.9794	* 2.4996	* 2.4397	* 4.7082 *
10	* 0.8988	* 1.1114	* 0.9168	* 1.1299	* 0.9886	* 1.0896	* 0.6940	*
	* 2.5608	* 2.0727	* 2.5122	* 2.0459	* 2.3435	* 2.1345	* 3.3531	*
11	* 1.1259	* 0.9726	* 1.1270	* 0.9130	* 1.0890	* 1.0586	* 0.5478	*
	* 2.0532	* 2.3728	* 2.0510	* 2.5277	* 2.1263	* 2.1952	* 4.2420	*
12	* 0.9981	* 1.1651	* 0.9845	* 1.0876	* 1.0682	* 0.6708	*	*
	* 2.3215	* 1.9898	* 2.3529	* 2.1289	* 2.1707	* 3.4597	*	*
13	* 0.8192	* 0.9225	* 1.0850	* 1.0566	* 0.6704	*	*	*
	* 2.8351	* 2.5189	* 2.1433	* 2.1990	* 3.4619	*	*	*
14	* 0.9668	* 0.9509	* 0.6907	* 0.5451	*	*	*	*
	* 2.4084	* 2.4486	* 3.3688	* 4.2628	*	*	*	*
15	* 0.5224	* 0.4855	* F-SUB-Q					
	* 4.4538	* 4.7924	* M-SUB-Q					

AT 50% POWER, 275 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4693	* 0.4210	* 0.4328	* 0.5030	* 0.4567	* 0.3917	* 0.3925	* 0.2378 *
	* 4.7882	* 5.3379	* 5.1939	* 4.4800	* 4.9488	* 5.7861	* 5.7895	* 9.5596 *
9	* 0.4210	* 0.4560	* 0.4967	* 0.4516	* 0.4989	* 0.4236	* 0.3862	* 0.2231 *
	* 5.3379	* 4.9273	* 4.5273	* 4.9863	* 4.5314	* 5.3532	* 5.8843	* 10.1939 *
10	* 0.4328	* 0.4966	* 0.4410	* 0.5035	* 0.4524	* 0.4566	* 0.3206	*
	* 5.1939	* 4.5258	* 5.0996	* 4.4763	* 4.9955	* 4.9679	* 7.0890	*
11	* 0.5030	* 0.4508	* 0.5028	* 0.4373	* 0.4804	* 0.4304	* 0.2495	*
	* 4.4800	* 4.9948	* 4.4823	* 5.1535	* 4.7053	* 5.2668	* 9.1004	*
12	* 0.4567	* 0.4964	* 0.4507	* 0.4798	* 0.4419	* 0.3116	*	*
	* 4.9488	* 4.5537	* 5.0136	* 4.7112	* 5.1199	* 7.2741	*	*
13	* 0.3917	* 0.4208	* 0.4546	* 0.4295	* 0.3112	*	*	*
	* 5.7861	* 5.3887	* 4.9887	* 5.2772	* 7.2823	*	*	*
14	* 0.3925	* 0.3847	* 0.3192	* 0.2482	*	*	*	*
	* 5.7895	* 5.9075	* 7.1206	* 9.1460	*	*	*	*
15	* 0.2378	* 0.2221	* F-SUB-Q					
	* 9.5596	* 10.2389	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7444	* 0.6771	* 0.6075	* 0.8054	* 0.7549	* 0.6341	* 0.4696	* 0.2489
	* 3.6235	* 3.9412	* 3.9787	* 3.4059	* 3.6870	* 4.4246	* 5.1053	* 8.1770
9	* 0.6771	* 0.6576	* 0.7041	* 0.7314	* 0.8151	* 0.7028	* 0.5607	* 0.2689
	* 3.9412	* 4.0447	* 3.6755	* 3.7731	* 3.4221	* 3.9946	* 4.9948	* 8.6960
10	* 0.6075	* 0.7038	* 0.5680	* 0.7896	* 0.7492	* 0.7643	* 0.5186	*
	* 3.9787	* 3.6761	* 4.5545	* 3.5181	* 3.7264	* 3.6662	* 5.4055	*
11	* 0.8054	* 0.7292	* 0.7883	* 0.7041	* 0.7909	* 0.7277	* 0.4439	*
	* 3.4059	* 3.7841	* 3.5235	* 3.8656	* 3.4622	* 3.7737	* 6.2648	*
12	* 0.7549	* 0.8125	* 0.7474	* 0.7902	* 0.6762	* 0.4969	*	*
	* 3.6870	* 3.4379	* 3.7353	* 3.4648	* 3.6600	* 5.0521	*	*
13	* 0.6341	* 0.6998	* 0.7620	* 0.7264	* 0.4948	*	*	*
	* 4.4246	* 4.0112	* 3.6762	* 3.7797	* 5.0727	*	*	*
14	* 0.4696	* 0.5587	* 0.5169	* 0.4422	*	*	*	*
	* 5.1053	* 5.0119	* 5.4224	* 6.2879	*	*	*	*
15	* 0.2489	* 0.2666	* F-SUB-Q					
	* 8.1770	* 8.7596	* M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4919	* 1.2688	* 1.1828	* 1.5639	* 1.4396	* 1.1637	* 0.9620	* 0.4778
	* 1.8772	* 2.2002	* 2.2450	* 1.8170	* 1.9926	* 2.4741	* 2.4844	* 4.3234
9	* 1.2688	* 1.2596	* 1.4063	* 1.3787	* 1.6373	* 1.3385	* 1.1543	* 0.5066
	* 2.2002	* 2.1992	* 1.9678	* 2.0687	* 1.7532	* 2.1527	* 2.4866	* 4.6566
10	* 1.1828	* 1.4059	* 1.0581	* 1.5233	* 1.4259	* 1.5565	* 0.9767	*
	* 2.2450	* 1.9681	* 2.5285	* 1.8754	* 2.0140	* 1.8427	* 2.9440	*
11	* 1.5639	* 1.3743	* 1.5207	* 1.3119	* 1.5533	* 1.5283	* 0.8417	*
	* 1.8170	* 2.0751	* 1.8783	* 2.1457	* 1.8276	* 1.8614	* 3.4001	*
12	* 1.4396	* 1.6318	* 1.4221	* 1.5518	* 1.4597	* 0.9796	*	*
	* 1.9926	* 1.7600	* 2.0188	* 1.8291	* 1.8314	* 2.8003	*	*
13	* 1.1637	* 1.3321	* 1.5531	* 1.5258	* 0.9770	*	*	*
	* 2.4741	* 2.1627	* 1.8464	* 1.8641	* 2.8074	*	*	*
14	* 0.9620	* 1.1503	* 0.9733	* 0.8386	*	*	*	*
	* 2.4844	* 2.4949	* 2.9538	* 3.4121	*	*	*	*
15	* 0.4778	* 0.4987	* F-SUB-Q					
	* 4.3234	* 4.7260	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7285	* 1.4493	* 1.4526	* 1.8455	* 1.6522	* 1.3621	* 1.1358	* 0.5702
	* 1.6745	* 1.9959	* 1.9907	* 1.5845	* 1.7794	* 2.1645	* 2.1503	* 3.6914
9	* 1.4493	* 1.4592	* 1.6766	* 1.5966	* 1.9043	* 1.5436	* 1.3501	* 0.5966
	* 1.9959	* 1.9768	* 1.7235	* 1.8355	* 1.5439	* 1.9104	* 2.1694	* 3.9590
10	* 1.4526	* 1.6761	* 1.2628	* 1.7911	* 1.6530	* 1.8206	* 1.1566	
	* 1.9907	* 1.7238	* 2.2165	* 1.6344	* 1.7786	* 1.6133	* 2.5415	
11	* 1.8455	* 1.5912	* 1.7878	* 1.5499	* 1.8389	* 1.8151	* 1.0064	
	* 1.5845	* 1.8416	* 1.6372	* 1.8811	* 1.5898	* 1.6121	* 2.9145	
12	* 1.6522	* 1.8971	* 1.6485	* 1.8370	* 1.8088	* 1.2165		
	* 1.7794	* 1.5495	* 1.7830	* 1.5913	* 1.6023	* 2.3854		
13	* 1.3621	* 1.5371	* 1.8164	* 1.8123	* 1.2145			
	* 2.1645	* 1.9182	* 1.6168	* 1.6143	* 2.3892			
14	* 1.1358	* 1.3454	* 1.1527	* 1.0028				
	* 2.1503	* 2.1769	* 2.5498	* 2.9246				
15	* 0.5702	* 0.5886	* F-SUB-Q					
	* 3.6914	* 4.0075	* M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.9350	* 1.5578	* 1.5774	* 2.0609	* 1.7882	* 1.4426	* 1.2378	* 0.6057
	* 1.5484	* 1.9219	* 1.9016	* 1.4616	* 1.6899	* 2.0936	* 1.9745	* 3.4857
9	* 1.5578	* 1.5872	* 1.8893	* 1.7269	* 2.1446	* 1.6615	* 1.4863	* 0.6325
	* 1.9219	* 1.8826	* 1.5843	* 1.7470	* 1.4079	* 1.8155	* 2.0034	* 3.8033
10	* 1.5774	* 1.8889	* 1.3462	* 2.0087	* 1.7948	* 2.0681	* 1.2323	
	* 1.9016	* 1.5846	* 2.0771	* 1.4978	* 1.6824	* 1.4584	* 2.4385	
11	* 2.0609	* 1.7210	* 2.0066	* 1.7053	* 2.0995	* 2.0480	* 1.0611	
	* 1.4616	* 1.7530	* 1.4992	* 1.7649	* 1.4320	* 1.4704	* 2.8416	
12	* 1.7882	* 2.1370	* 1.7901	* 2.0987	* 2.1045	* 1.3111		
	* 1.6899	* 1.4128	* 1.6867	* 1.4325	* 1.4260	* 2.2932		
13	* 1.4426	* 1.6527	* 2.0639	* 2.0453	* 1.3098			
	* 2.0936	* 1.8251	* 1.4612	* 1.4722	* 2.2953			
14	* 1.2378	* 1.4813	* 1.2278	* 1.0579				
	* 1.9745	* 2.0079	* 2.4472	* 2.8499				
15	* 0.6057	* 0.6232	* F-SUB-Q					
	* 3.4857	* 3.8477	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.9379	* 1.5387	* 1.5665	* 2.0540	* 1.7713	* 1.4403	* 1.2282	* 0.6026 *
	* 1.6089	* 2.0273	* 1.9924	* 1.5153	* 1.7564	* 2.1569	* 1.9816	* 3.5294 *
9	* 1.5387	* 1.5757	* 1.8859	* 1.7107	* 2.1490	* 1.6552	* 1.4852	* 0.6275 *
	* 2.0273	* 1.9347	* 1.6507	* 1.8214	* 1.4457	* 1.8777	* 2.0036	* 3.8198 *
10	* 1.5665	* 1.8857	* 1.3542	* 2.0138	* 1.7846	* 2.0869	* 1.2334	*
	* 1.9924	* 1.6509	* 2.0533	* 1.5423	* 1.7432	* 1.4860	* 2.5065	*
11	* 2.0540	* 1.7048	* 2.0120	* 1.7132	* 2.1367	* 2.0667	* 1.0732	*
	* 1.5153	* 1.8276	* 1.5436	* 1.8175	* 1.4558	* 1.5019	* 2.8875	*
12	* 1.7713	* 2.1420	* 1.7815	* 2.1361	* 2.1565	* 1.3420	*	*
	* 1.7564	* 1.4503	* 1.7462	* 1.4562	* 1.4421	* 2.3217	*	*
13	* 1.4403	* 1.6480	* 2.0832	* 2.0645	* 1.3408	*	*	*
	* 2.1569	* 1.8858	* 1.4885	* 1.5035	* 2.3236	*	*	*
14	* 1.2282	* 1.4807	* 1.2295	* 1.0700	*	*	*	*
	* 1.9816	* 2.0082	* 2.5145	* 2.8960	*	*	*	*
15	* 0.6026	* 0.6182	* F-SUB-Q					
	* 3.5294	* 3.8689	* M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8784	* 1.4823	* 1.5115	* 1.9852	* 1.7075	* 1.3976	* 1.1862	* 0.5824 *
	* 1.7350	* 2.1972	* 2.1461	* 1.6257	* 1.8903	* 2.3095	* 2.0470	* 3.6200 *
9	* 1.4823	* 1.5207	* 1.8237	* 1.6483	* 2.0831	* 1.6120	* 1.4425	* 0.6067 *
	* 2.1972	* 2.0008	* 1.7320	* 1.9609	* 1.5461	* 1.9994	* 2.0725	* 3.9105 *
10	* 1.5115	* 1.8236	* 1.3185	* 1.9543	* 1.7297	* 2.0351	* 1.1996	*
	* 2.1461	* 1.7319	* 2.1333	* 1.6473	* 1.8624	* 1.5769	* 2.6783	*
11	* 1.9852	* 1.6428	* 1.9529	* 1.6714	* 2.0947	* 2.0176	* 1.0522	*
	* 1.6257	* 1.9675	* 1.6485	* 1.9279	* 1.5333	* 1.5897	* 3.0509	*
12	* 1.7075	* 2.0768	* 1.7268	* 2.0944	* 2.1235	* 1.3258	*	*
	* 1.8903	* 1.5508	* 1.8654	* 1.5335	* 1.5117	* 2.4262	*	*
13	* 1.3976	* 1.6053	* 2.0323	* 2.0159	* 1.3250	*	*	*
	* 2.3095	* 2.0076	* 1.5790	* 1.5910	* 2.4276	*	*	*
14	* 1.1862	* 1.4383	* 1.1960	* 1.0492	*	*	*	*
	* 2.0470	* 2.0770	* 2.6864	* 3.0594	*	*	*	*
15	* 0.5824	* 0.5979	* F-SUB-Q					
	* 3.6200	* 3.9575	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8229	1.4238	1.4507	1.9203	1.6426	1.3331	1.1415	0.5552
	1.8745	2.3450	2.3011	1.7627	2.0608	2.5055	2.1387	3.8327
9	1.4238	1.4629	1.7634	1.5834	2.0208	1.5444	1.3968	0.5792
	2.3450	2.1009	1.8010	2.1263	1.6701	2.1871	2.1580	4.1572
10	1.4507	1.7635	1.2559	1.8960	1.6694	1.9835	1.1474	
	2.3011	1.8008	2.2318	1.7619	2.0197	1.6922	2.8785	
11	1.9203	1.5782	1.8949	1.6162	2.0488	1.9708	1.0071	
	1.7627	2.1284	1.7635	2.0833	1.6372	1.7004	3.3364	
12	1.6426	2.0152	1.6668	2.0487	2.0883		1.2760	
	2.0608	1.6748	2.0228	1.6373	1.6046		2.6324	
13	1.3331	1.5382	1.9812	1.9696			1.2756	
	2.5055	2.1961	1.6941	1.7014			2.6331	
14	1.1415	1.3932	1.1445	1.0046				
	2.1387	2.1625	2.8859	3.3446				
15	0.5552	0.5709	F-SUB-Q					
	3.8327	4.2042	M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7352	1.3492	1.3750	1.8229	1.5569	1.2658	1.0828	0.5266
	2.0004	2.4995	2.4568	1.9055	2.2405	2.6722	2.2772	4.0688
9	1.3492	1.3872	1.6736	1.4996	1.9214	1.4704	1.3315	0.5501
	2.4995	2.2328	1.9186	2.2732	1.8119	2.3733	2.3006	4.4035
10	1.3750	1.6738	1.1923	1.8032	1.5868	1.8934	1.0927	
	2.4568	1.9184	2.3898	1.8773	2.2111	1.8765	3.0588	
11	1.8229	1.4948	1.8024	1.5409	1.9604	1.8846	0.9626	
	1.9055	2.2753	1.8789	2.3124	1.8092	1.8803	3.6962	
12	1.5569	1.9164	1.5846	1.9604	2.0040	1.2247		
	2.2405	1.8164	2.2156	1.8092	1.7669	2.8990		
13	1.2658	1.4647	1.8917	1.8839	1.2246			
	2.6722	2.3848	1.8781	1.8811	2.8991			
14	1.0828	1.3283	1.0906	0.9604				
	2.2772	2.3053	3.0663	3.7045				
15	0.5266	0.5424	F-SUB-Q					
	4.0688	4.4580	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6772	1.2934	1.3151	1.7565	1.4928	1.1982	1.0383	0.4991
	2.0939	2.6401	2.5922	1.9991	2.3662	2.8555	2.3940	4.3448
9	1.2934	1.3304	1.6131	1.4344	1.8536	1.3960	1.2823	0.5232
	2.6401	2.3619	2.0107	2.3994	1.9037	2.5151	2.4132	4.7473
10	1.3151	1.6135	1.1259	1.7393	1.5217	1.8323	1.0421	
	2.5922	2.0103	2.5212	1.9708	2.3424	2.0164	3.2820	
11	1.7565	1.4298	1.7387	1.4785	1.8988	1.8265	0.9117	
	1.9991	2.4016	1.9722	2.4816	1.9726	2.0643	4.1006	
12	1.4928	1.8493	1.5197	1.8990	1.9459	1.1640		
	2.3662	1.9081	2.3470	1.9724	1.9465	3.2630		
13	1.1982	1.3907	1.8311	1.8262	1.1644			
	2.8555	2.5272	2.0176	2.0646	3.2619			
14	1.0383	1.2795	1.0405	0.9098				
	2.3940	2.4179	3.2903	4.1091				
15	0.4991	0.5159	F-SUB-Q					
	4.3448	4.7973	M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5637	1.2134	1.2388	1.6307	1.3932	1.1503	0.9730	0.4781
	2.2701	2.7987	2.7740	2.1739	2.5598	3.0066	2.6096	4.6276
9	1.2134	1.2461	1.4979	1.3411	1.7202	1.3385	1.2004	0.5005
	2.7987	2.5079	2.1853	2.5871	2.0712	2.6982	2.6310	4.9593
10	1.2388	1.4983	1.0829	1.6145	1.4240	1.7016	0.9948	
	2.7740	2.1849	2.7192	2.1425	2.5263	2.1922	3.4546	
11	1.6307	1.3369	1.6141	1.4088	1.7648	1.6961	0.8856	
	2.1739	2.5893	2.1438	2.6720	2.1411	2.2437	4.2605	
12	1.3932	1.7162	1.4222	1.7650	1.8075	1.1315		
	2.5598	2.0760	2.5309	2.1408	2.1192	3.4356		
13	1.1503	1.3338	1.7009	1.6961	1.1316			
	3.0066	2.7076	2.1932	2.2437	3.4351			
14	0.9730	1.1980	0.9926	0.8839				
	2.6096	2.6359	3.4620	4.2688				
15	0.4781	0.4935	F-SUB-Q					
	4.6276	5.0150	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 199 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5493	1.1859	1.2030	1.6087	1.3631	1.0990	0.9528	0.4597
	2.3345	2.9604	2.9100	2.2413	2.6602	3.2025	2.6942	4.8888
9	1.1859	1.2209	1.4803	1.3078	1.6983	1.2814	1.1804	0.4827
	2.9604	2.6403	2.2509	2.6965	2.1327	2.8260	2.7124	5.3104
10	1.2030	1.4808	1.0287	1.5918	1.3890	1.6831	0.9564	
	2.9100	2.2504	2.8324	2.2073	2.6289	2.2494	3.6748	
11	1.6087	1.3037	1.5917	1.3516	1.7445	1.6793	0.8404	
	2.2413	2.6988	2.2083	2.7729	2.1949	2.2972	4.5525	
12	1.3631	1.6949	1.3873	1.7448	1.7922	1.0753		
	2.6602	2.1371	2.6335	2.1945	2.1643	3.6576		
13	1.0990	1.2768	1.6827	1.6796	1.0761			
	3.2025	2.8392	2.2498	2.2967	3.6547			
14	0.9528	1.1783	0.9553	0.8392				
	2.6942	2.7172	3.6820	4.5595				
15	0.4597	0.4760	F-SUB-Q					
	4.8888	5.3662	M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5109	1.1554	1.1709	1.5634	1.3225	1.0705	0.9312	0.4534
	2.4697	3.1346	3.0841	2.3761	2.8247	3.3873	2.8428	5.1467
9	1.1554	1.1912	1.4427	1.2688	1.6488	1.2482	1.1513	0.4748
	3.1346	2.7852	2.3814	2.8606	2.2625	3.0005	2.8644	5.5744
10	1.1709	1.4432	1.0017	1.5452	1.3457	1.6327	0.9306	
	3.0841	2.3808	3.0048	2.3418	2.7934	2.3884	3.8859	
11	1.5634	1.2650	1.5452	1.3096	1.6913	1.6280	0.8185	
	2.3761	2.8629	2.3427	2.9490	2.3320	2.4407	4.8178	
12	1.3225	1.6458	1.3443	1.6918	1.7383	1.0471		
	2.8247	2.2669	2.7981	2.3314	2.2985	3.8670		
13	1.0705	1.2439	1.6327	1.6286	1.0478			
	3.3873	3.0143	2.3885	2.4399	3.8644			
14	0.9312	1.1495	0.9297	0.8175				
	2.8428	2.8693	3.8931	4.8245				
15	0.4534	0.4682	F-SUB-Q					
	5.1467	5.6267	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 200 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4708	1.1336	1.1480	1.5145	1.2837	1.0606	0.9226	0.4625
	2.6667	3.3175	3.3060	2.5769	3.0515	3.5891	3.0853	5.4825
9	1.1336	1.1699	1.4056	1.2345	1.5947	1.2310	1.1247	0.4803
	3.3175	2.9715	2.5842	3.0859	2.4544	3.2119	3.1053	5.8607
10	1.1480	1.4063	0.9999	1.4962	1.3046	1.5728	0.9205	
	3.3060	2.5834	3.2446	2.5390	3.0099	2.5822	4.1077	
11	1.5145	1.2309	1.4964	1.2866	1.6273	1.5651	0.8118	
	2.5769	3.0882	2.5396	3.1677	2.5185	2.6357	5.0295	
12	1.2837	1.5919	1.3034	1.6278	1.6700	1.0360		
	3.0515	2.4588	3.0144	2.5177	2.4815	4.0395		
13	1.0606	1.2271	1.5731	1.5660	1.0366			
	3.5891	3.2220	2.5817	2.6342	4.0371			
14	0.9226	1.1231	0.9190	0.8107				
	3.0853	3.1102	4.1144	5.0364				
15	0.4625	0.4736	F-SUB-Q					
	5.4825	5.9271	M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5108	1.1518	1.1653	1.5498	1.3022	1.0548	0.9789	0.4982
	2.5233	3.2159	3.1929	2.4849	2.9458	3.4967	2.8006	4.9324
9	1.1518	1.2126	1.4590	1.2512	1.6321	1.2214	1.1591	0.5065
	3.2159	2.8826	2.4753	2.9904	2.3764	3.0982	2.8385	5.3615
10	1.1653	1.4598	1.0127	1.5373	1.3161	1.6021	0.9205	
	3.1929	2.4745	3.1231	2.4669	2.9444	2.5006	3.9410	
11	1.5498	1.2476	1.5377	1.2771	1.6532	1.5918	0.7940	
	2.4849	2.9919	2.4669	3.1279	2.4812	2.5649	4.9306	
12	1.3022	1.6297	1.3148	1.6538	1.6992	1.0104		
	2.9458	2.3793	2.9479	2.4802	2.4393	4.0662		
13	1.0548	1.2164	1.6029	1.5930	1.0115			
	3.4967	3.1097	2.4991	2.5628	4.0616			
14	0.9789	1.1571	0.9188	0.7934				
	2.8007	2.8419	3.9470	4.9339				
15	0.4982	0.5004	F-SUB-Q					
	4.9325	5.4200	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 201 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5441	* 1.1801	* 1.1950	* 1.5807	* 1.3221	* 1.0728	* 1.1113	* 0.5898
	* 2.2741	* 2.9172	* 2.8966	* 2.2456	* 2.6731	* 3.1741	* 2.5376	* 4.5013
9	* 1.1801	* 1.2787	* 1.5204	* 1.2748	* 1.6641	* 1.2440	* 1.2177	* 0.5672
	* 2.9172	* 2.6197	* 2.2366	* 2.7181	* 2.1478	* 2.8101	* 2.5676	* 4.9144
10	* 1.1950	* 1.5214	* 1.1107	* 1.5829	* 1.3346	* 1.6202	* 0.9408	
	* 2.8966	* 2.2359	* 2.8391	* 2.2314	* 2.6724	* 2.2541	* 3.5973	
11	* 1.5807	* 1.2727	* 1.5835	* 1.2900	* 1.6681	* 1.6047	* 0.7932	
	* 2.2455	* 2.7195	* 2.2310	* 2.8322	* 2.2359	* 2.3080	* 4.5024	
12	* 1.3221	* 1.6619	* 1.3329	* 1.6688	* 1.7129	* 1.0063		
	* 2.6731	* 2.1501	* 2.6753	* 2.2347	* 2.1913	* 3.6936		
13	* 1.0728	* 1.2390	* 1.6214	* 1.6062	* 1.0076			
	* 3.1741	* 2.8204	* 2.2523	* 2.3056	* 3.6888			
14	* 1.1113	* 1.2159	* 0.9394	* 0.7920				
	* 2.5375	* 2.5704	* 3.6017	* 4.5080				
15	* 0.5898	* 0.5614	* F-SUB-Q					
	* 4.5014	* 4.9637	* M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5791	* 1.2133	* 1.2282	* 1.6120	* 1.3457	* 1.1092	* 1.2866	* 0.6927
	* 2.0908	* 2.6900	* 2.6733	* 2.0715	* 2.4675	* 2.9327	* 2.3437	* 4.1551
9	* 1.2133	* 1.3456	* 1.5814	* 1.3077	* 1.6957	* 1.2691	* 1.2999	* 0.6464
	* 2.6900	* 2.4042	* 2.0617	* 2.5078	* 1.9789	* 2.5932	* 2.3715	* 4.5050
10	* 1.2282	* 1.5820	* 1.2268	* 1.6272	* 1.3601	* 1.6353	* 0.9738	
	* 2.6733	* 2.0609	* 2.6192	* 2.0565	* 2.4659	* 2.0746	* 3.3005	
11	* 1.6120	* 1.3060	* 1.6280	* 1.3047	* 1.6792	* 1.6133	* 0.8072	
	* 2.0715	* 2.5089	* 2.0561	* 2.6097	* 2.0562	* 2.1239	* 4.1114	
12	* 1.3457	* 1.6938	* 1.3584	* 1.6800	* 1.7203	* 1.0167		
	* 2.4675	* 1.9807	* 2.4684	* 2.0551	* 2.0152	* 3.3700		
13	* 1.1092	* 1.2641	* 1.6368	* 1.6151	* 1.0183			
	* 2.9327	* 2.6024	* 2.0725	* 2.1214	* 3.3641			
14	* 1.2866	* 1.2981	* 0.9727	* 0.8068				
	* 2.3437	* 2.3740	* 3.3035	* 4.1129				
15	* 0.6927	* 0.6390	* F-SUB-Q					
	* 4.1551	* 4.5549	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5895	* 1.2574	* 1.2551	* 1.6207	* 1.3570	* 1.1498	* 1.3467	* 0.7496 *
	* 1.9488	* 2.4447	* 2.4631	* 1.9262	* 2.3000	* 2.6920	* 2.2182	* 3.8654 *
9	* 1.2574	* 1.4049	* 1.6171	* 1.3369	* 1.7016	* 1.2932	* 1.3414	* 0.7044 *
	* 2.4447	* 2.1920	* 1.9150	* 2.3154	* 1.8471	* 2.4238	* 2.2438	* 4.1297 *
10	* 1.2551	* 1.6178	* 1.2704	* 1.6402	* 1.3732	* 1.6287	* 1.0091	*
	* 2.4631	* 1.9143	* 2.4202	* 1.9087	* 2.2802	* 1.9454	* 3.0400	*
11	* 1.6207	* 1.3362	* 1.6410	* 1.3113	* 1.6701	* 1.6009	* 0.8315	*
	* 1.9262	* 2.3165	* 1.9077	* 2.4008	* 1.9017	* 1.9852	* 3.7539	*
12	* 1.3570	* 1.6996	* 1.3716	* 1.6710	* 1.7051	* 1.0425	*	*
	* 2.3000	* 1.8490	* 2.2825	* 1.9007	* 1.8669	* 3.0278	*	*
13	* 1.1498	* 1.2897	* 1.6303	* 1.6029	* 1.0437	*	*	*
	* 2.6920	* 2.4297	* 1.9433	* 1.9828	* 3.0243	*	*	*
14	* 1.3467	* 1.3397	* 1.0080	* 0.8310	*	*	*	*
	* 2.2182	* 2.2460	* 3.0426	* 3.7558	*	*	*	*
15	* 0.7496	* 0.6961	* F-SUB-Q					
	* 3.8654	* 4.1774	* M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6690	* 1.2795	* 1.2957	* 1.6984	* 1.4073	* 1.1577	* 1.4354	* 0.7821 *
	* 1.7135	* 2.2206	* 2.1988	* 1.6954	* 2.0443	* 2.4783	* 2.0060	* 3.6105 *
9	* 1.2795	* 1.4459	* 1.7064	* 1.3872	* 1.7832	* 1.3285	* 1.4254	* 0.7192 *
	* 2.2206	* 1.9768	* 1.6818	* 2.0645	* 1.6239	* 2.1731	* 2.0238	* 3.9315 *
10	* 1.2957	* 1.7072	* 1.3244	* 1.7192	* 1.4183	* 1.7029	* 1.0201	*
	* 2.1988	* 1.6811	* 2.1555	* 1.6790	* 2.0319	* 1.7074	* 2.8261	*
11	* 1.6984	* 1.3865	* 1.7197	* 1.3505	* 1.7423	* 1.6730	* 0.8264	*
	* 1.6954	* 2.0655	* 1.6784	* 2.1335	* 1.6670	* 1.7386	* 3.4796	*
12	* 1.4073	* 1.7814	* 1.4167	* 1.7433	* 1.7829	* 1.0365	*	*
	* 2.0443	* 1.6253	* 2.0338	* 1.6660	* 1.6320	* 2.7865	*	*
13	* 1.1577	* 1.3235	* 1.7049	* 1.6753	* 1.0382	*	*	*
	* 2.4783	* 2.1809	* 1.7053	* 1.7363	* 2.7820	*	*	*
14	* 1.4354	* 1.4237	* 1.0189	* 0.8255	*	*	*	*
	* 2.0060	* 2.0259	* 2.8292	* 3.4829	*	*	*	*
15	* 0.7821	* 0.7116	* F-SUB-Q					
	* 3.6105	* 3.9722	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 203 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6972	* 1.2980	* 1.3154	* 1.7256	* 1.4269	* 1.1730	* 1.4659	* 0.7996 *
	* 1.5687	* 2.0388	* 2.0165	* 1.5520	* 1.8763	* 2.2773	* 1.8366	* 3.3437 *
9	* 1.2980	* 1.4723	* 1.7373	* 1.4081	* 1.8106	* 1.3466	* 1.4539	* 0.7356 *
	* 2.0388	* 1.8063	* 1.5361	* 1.8923	* 1.4872	* 1.9955	* 1.8524	* 3.6348 *
10	* 1.3154	* 1.7381	* 1.3458	* 1.7456	* 1.4362	* 1.7256	* 1.0342	*
	* 2.0165	* 1.5354	* 1.9727	* 1.5373	* 1.8667	* 1.5668	* 2.5962	*
11	* 1.7256	* 1.4074	* 1.7462	* 1.3648	* 1.7642	* 1.6938	* 0.8345	*
	* 1.5520	* 1.8932	* 1.5367	* 1.9638	* 1.5301	* 1.5968	* 3.2105	*
12	* 1.4269	* 1.8088	* 1.4347	* 1.7653	* 1.8049	* 1.0471	*	*
	* 1.8763	* 1.4884	* 1.8685	* 1.5292	* 1.4984	* 2.5675	*	*
13	* 1.1730	* 1.3415	* 1.7277	* 1.6962	* 1.0488	*	*	*
	* 2.2773	* 2.0027	* 1.5648	* 1.5946	* 2.5632	*	*	*
14	* 1.4659	* 1.4521	* 1.0329	* 0.8335	*	*	*	*
	* 1.8366	* 1.8545	* 2.5993	* 3.2142	*	*	*	*
15	* 0.7996	* 0.7271	* F-SUB-Q					
	* 3.3437	* 3.6761	* M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7086	* 1.3118	* 1.3259	* 1.7362	* 1.4374	* 1.1844	* 1.4737	* 0.8073 *
	* 1.4734	* 1.9115	* 1.8927	* 1.4554	* 1.7612	* 2.1383	* 1.7277	* 3.1371 *
9	* 1.3118	* 1.4874	* 1.7487	* 1.4201	* 1.8187	* 1.3550	* 1.4603	* 0.7572 *
	* 1.9115	* 1.6912	* 1.4421	* 1.7743	* 1.3986	* 1.8754	* 1.7441	* 3.3447 *
10	* 1.3259	* 1.7495	* 1.3569	* 1.7542	* 1.4461	* 1.7273	* 1.0426	*
	* 1.8927	* 1.4414	* 1.8506	* 1.4431	* 1.7526	* 1.4785	* 2.4369	*
11	* 1.7362	* 1.4194	* 1.7551	* 1.3693	* 1.7651	* 1.6928	* 0.8380	*
	* 1.4554	* 1.7752	* 1.4424	* 1.8501	* 1.4437	* 1.5090	* 3.0261	*
12	* 1.4374	* 1.8167	* 1.4445	* 1.7661	* 1.8022	* 1.0586	*	*
	* 1.7612	* 1.3999	* 1.7543	* 1.4429	* 1.4168	* 2.4009	*	*
13	* 1.1844	* 1.3497	* 1.7292	* 1.6950	* 1.0605	*	*	*
	* 2.1383	* 1.8825	* 1.4768	* 1.5070	* 2.3967	*	*	*
14	* 1.4737	* 1.4582	* 1.0412	* 0.8368	*	*	*	*
	* 1.7277	* 1.7463	* 2.4399	* 3.0303	*	*	*	*
15	* 0.8073	* 0.7352	* F-SUB-Q					
	* 3.1371	* 3.4441	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6784	1.3062	1.3110	1.7123	1.4212	1.1770	1.4406	0.7966
	1.4383	1.8420	1.8368	1.4138	1.7081	2.0653	1.6947	3.0538
9	1.3062	1.4760	1.7190	1.4054	1.7794	1.3376	1.4258	0.7444
	1.8420	1.6345	1.4045	1.7196	1.3692	1.8217	1.7126	3.2668
10	1.3110	1.7205	1.3416	1.7282	1.4287	1.6820	1.0316	
	1.8368	1.4033	1.7957	1.4030	1.7008	1.4540	2.3630	
11	1.7123	1.4046	1.7290	1.3462	1.7182	1.6432	0.8256	
	1.4138	1.7205	1.4024	1.8020	1.4192	1.4884	2.9477	
12	1.4212	1.7770	1.4270	1.7196	1.7431	1.0380		
	1.7081	1.3709	1.7027	1.4180	1.4020	2.3465		
13	1.1770	1.3322	1.6835	1.6451	1.0396			
	2.0653	1.8291	1.4526	1.4867	2.3429			
14	1.4406	1.4236	1.0299	0.8241				
	1.6947	1.7151	2.3667	2.9531				
15	0.7966	0.7269	F-SUB-Q					
	3.0538	3.3455	M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5638	1.2430	1.2433	1.6069	1.3499	1.1173	1.3503	0.7475
	1.4964	1.8780	1.8784	1.4597	1.7433	2.1106	1.7529	3.1603
9	1.2430	1.3935	1.6079	1.3350	1.6669	1.2687	1.3338	0.7015
	1.8780	1.6774	1.4546	1.7551	1.4154	1.8621	1.7751	3.3671
10	1.2433	1.6093	1.2711	1.6194	1.3561	1.5628	0.9723	
	1.8784	1.4533	1.8376	1.4499	1.7366	1.5150	2.4325	
11	1.6069	1.3342	1.6199	1.2694	1.5933	1.5237	0.7784	
	1.4597	1.7561	1.4494	1.8477	1.4805	1.5539	3.0345	
12	1.3499	1.6636	1.3543	1.5942	1.5997	0.9706		
	1.7433	1.4181	1.7388	1.4797	1.4782	2.4327		
13	1.1173	1.2630	1.5632	1.5249	0.9717			
	2.1106	1.8703	1.5146	1.5526	2.4298			
14	1.3503	1.3315	0.9705	0.7767				
	1.7529	1.7780	2.4369	3.0412				
15	0.7475	0.6862	F-SUB-Q					
	3.1603	3.4425	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2749	1.0556	1.0413	1.3007	1.1417	0.9413	1.1032	0.6145
	1.7925	2.1623	2.1928	1.7616	2.0143	2.4496	2.0974	3.7642
9	1.0556	1.1674	1.2987	1.1222	1.3548	1.0695	1.0916	0.5818
	2.1623	1.9567	1.7603	2.0404	1.6995	2.1590	2.1202	3.9764
10	1.0413	1.2991	1.0629	1.3086	1.1368	1.2639	0.8077	
	2.1928	1.7598	2.1482	1.7523	2.0240	1.8290	2.8634	
11	1.3007	1.1216	1.3087	1.0599	1.2816	1.2341	0.6529	
	1.7616	2.0415	1.7522	2.1630	1.7963	1.8731	3.5402	
12	1.1417	1.3516	1.1351	1.2820	1.2773	0.8051		
	2.0143	1.7033	2.0269	1.7957	1.8072	2.8680		
13	0.9413	1.0647	1.2625	1.2347	0.8056			
	2.4496	2.1685	1.8308	1.8721	2.8663			
14	1.1032	1.0895	0.8062	0.6514				
	2.0974	2.1240	2.8686	3.5487				
15	0.6145	0.5723	F-SUB-Q					
	3.7642	4.0416	M-SUB-Q					

AT 50% POWER, 375 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.5765	0.5176	0.5308	0.6113	0.5553	0.4780	0.4813	0.2958
	3.8782	4.3188	4.2143	3.6698	4.0519	4.7234	4.7072	7.6670
9	0.5176	0.5596	0.6096	0.5524	0.6084	0.5174	0.4746	0.2777
	4.3188	3.9952	3.6725	4.0588	3.7007	4.3680	4.7742	8.1708
10	0.5308	0.6097	0.5412	0.6144	0.5535	0.5613	0.3937	
	4.2143	3.6716	4.1361	3.6537	4.0677	4.0284	5.7557	
11	0.6113	0.5521	0.6143	0.5385	0.5955	0.5362	0.3130	
	3.6698	4.0612	3.6542	4.1701	3.7841	4.2176	7.2382	
12	0.5553	0.6069	0.5527	0.5956	0.5572	0.3916		
	4.0519	3.7099	4.0735	3.7834	4.0524	5.7766		
13	0.4780	0.5154	0.5604	0.5362	0.3916			
	4.7234	4.3849	4.0341	4.2171	5.7765			
14	0.4813	0.4736	0.3930	0.3123				
	4.7072	4.7842	5.7664	7.2559				
15	0.2958	0.2766	F-SUB-Q					
	7.6670	8.2021	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 206 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 24 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8597	* 0.7831	* 0.6915	* 0.9403	* 0.8885	* 0.7569	* 0.5664	* 0.3102
	* 3.2391	* 3.5178	* 3.5524	* 3.0281	* 3.2592	* 3.8601	* 4.3598	* 6.8314
9	* 0.7831	* 0.7599	* 0.8141	* 0.8564	* 0.9638	* 0.8402	* 0.6842	* 0.3371
	* 3.5178	* 3.6127	* 3.2818	* 3.3473	* 3.0157	* 3.4797	* 4.2642	* 7.2674
10	* 0.6915	* 0.8139	* 0.6568	* 0.9317	* 0.8898	* 0.9204	* 0.6284	*
	* 3.5524	* 3.2819	* 4.0341	* 3.0975	* 3.2643	* 3.1649	* 4.6492	*
11	* 0.9403	* 0.8543	* 0.9308	* 0.8415	* 0.9500	* 0.8825	* 0.5471	*
	* 3.0281	* 3.3552	* 3.0987	* 3.3377	* 2.9941	* 3.2347	* 5.2954	*
12	* 0.8885	* 0.9616	* 0.8883	* 0.9496	* 0.8098	* 0.6026	*	*
	* 3.2592	* 3.0223	* 3.2695	* 2.9950	* 3.1176	* 4.3063	*	*
13	* 0.7569	* 0.8375	* 0.9186	* 0.8816	* 0.6004	*	*	*
	* 3.8601	* 3.4906	* 3.1688	* 3.2376	* 4.3213	*	*	*
14	* 0.5664	* 0.6825	* 0.6271	* 0.5456	*	*	*	*
	* 4.3598	* 4.2744	* 4.6587	* 5.3098	*	*	*	*
15	* 0.3102	* 0.3344	* F-SUB-Q					
	* 6.8314	* 7.3243	* M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 23 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6206	* 1.3678	* 1.2782	* 1.7029	* 1.5744	* 1.2973	* 1.0739	* 0.5565
	* 1.7851	* 2.1060	* 2.1373	* 1.7292	* 1.8901	* 2.3047	* 2.3039	* 3.8617
9	* 1.3678	* 1.3546	* 1.5232	* 1.5042	* 1.8133	* 1.4928	* 1.3037	* 0.5950
	* 2.1060	* 2.1102	* 1.8773	* 1.9654	* 1.6442	* 2.0049	* 2.2880	* 4.1606
10	* 1.2782	* 1.5230	* 1.1558	* 1.6793	* 1.5756	* 1.7600	* 1.1132	*
	* 2.1373	* 1.8774	* 2.4021	* 1.7628	* 1.8914	* 1.6924	* 2.6844	*
11	* 1.7029	* 1.5004	* 1.6785	* 1.4802	* 1.7505	* 1.7236	* 0.9759	*
	* 1.7292	* 1.9702	* 1.7635	* 1.9711	* 1.6775	* 1.7132	* 3.0470	*
12	* 1.5744	* 1.8092	* 1.5729	* 1.7498	* 1.6548	* 1.1288	*	*
	* 1.8901	* 1.6478	* 1.8936	* 1.6777	* 1.6535	* 2.5140	*	*
13	* 1.2973	* 1.4875	* 1.7580	* 1.7221	* 1.1263	*	*	*
	* 2.3047	* 2.0119	* 1.6941	* 1.7144	* 2.5194	*	*	*
14	* 1.0739	* 1.3007	* 1.1106	* 0.9733	*	*	*	*
	* 2.3039	* 2.2932	* 2.6902	* 3.0548	*	*	*	*
15	* 0.5565	* 0.5857	* F-SUB-Q					
	* 3.8617	* 4.2196	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 207 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8414	* 1.5125	* 1.5180	* 1.9393	* 1.7407	* 1.4674	* 1.2243	* 0.6401
	* 1.6208	* 1.9711	* 1.9655	* 1.5589	* 1.7468	* 2.0797	* 2.0744	* 3.4227
9	* 1.5125	* 1.5154	* 1.7578	* 1.6762	* 2.0498	* 1.6611	* 1.4789	* 0.6751
	* 1.9711	* 1.9625	* 1.6972	* 1.8075	* 1.4840	* 1.8381	* 2.0580	* 3.6591
10	* 1.5180	* 1.7576	* 1.3285	* 1.9091	* 1.7577	* 2.0088	* 1.2747	*
	* 1.9655	* 1.6972	* 2.1922	* 1.5856	* 1.7274	* 1.5141	* 2.3895	*
11	* 1.9393	* 1.6719	* 1.9081	* 1.6844	* 2.0208	* 1.9718	* 1.1292	*
	* 1.5589	* 1.8120	* 1.5863	* 1.7906	* 1.4881	* 1.5360	* 2.6910	*
12	* 1.7407	* 2.0452	* 1.7557	* 2.0206	* 2.0471	* 1.3632	*	*
	* 1.7468	* 1.4872	* 1.7291	* 1.4882	* 1.4639	* 2.2013	*	*
13	* 1.4674	* 1.6563	* 2.0068	* 1.9705	* 1.3616	*	*	*
	* 2.0797	* 1.8431	* 1.5154	* 1.5369	* 2.2037	*	*	*
14	* 1.2243	* 1.4758	* 1.2719	* 1.1264	*	*	*	*
	* 2.0744	* 2.0621	* 2.3944	* 2.6975	*	*	*	*
15	* 0.6401	* 0.6662	* F-SUB-Q					
	* 3.4227	* 3.7005	* M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.9644	* 1.5750	* 1.5932	* 2.0648	* 1.8185	* 1.4976	* 1.2878	* 0.6591
	* 1.5689	* 1.9565	* 1.9381	* 1.5038	* 1.7132	* 2.0774	* 1.9589	* 3.3188
9	* 1.5750	* 1.5898	* 1.8847	* 1.7481	* 2.1859	* 1.7219	* 1.5731	* 0.6942
	* 1.9565	* 1.9356	* 1.6362	* 1.7789	* 1.4244	* 1.8054	* 1.9665	* 3.6115
10	* 1.5932	* 1.8846	* 1.3593	* 2.0391	* 1.8446	* 2.1665	* 1.3166	*
	* 1.9381	* 1.6363	* 2.1235	* 1.5219	* 1.6867	* 1.4366	* 2.3564	*
11	* 2.0648	* 1.7437	* 2.0383	* 1.7844	* 2.2049	* 2.1431	* 1.1530	*
	* 1.5038	* 1.7834	* 1.5224	* 1.7395	* 1.4055	* 1.4495	* 2.6910	*
12	* 1.8185	* 2.1815	* 1.8427	* 2.2048	* 2.2553	* 1.4194	*	*
	* 1.7132	* 1.4272	* 1.6884	* 1.4056	* 1.3725	* 2.1840	*	*
13	* 1.4976	* 1.7154	* 2.1648	* 2.1421	* 1.4186	*	*	*
	* 2.0774	* 1.8121	* 1.4376	* 1.4501	* 2.1852	*	*	*
14	* 1.2878	* 1.5702	* 1.3147	* 1.1506	*	*	*	*
	* 1.9589	* 1.9701	* 2.3597	* 2.6975	*	*	*	*
15	* 0.6591	* 0.6847	* F-SUB-Q					
	* 3.3188	* 3.6462	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 208 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.9100	* 1.5209	* 1.5441	* 2.0003	* 1.7523	* 1.4564	* 1.2486	* 0.6421
	* 1.6752	* 2.1055	* 2.0762	* 1.5968	* 1.8213	* 2.1876	* 1.9948	* 3.4122
9	* 1.5209	* 1.5396	* 1.8300	* 1.6841	* 2.1183	* 1.6661	* 1.5348	* 0.6731
	* 2.1055	* 2.0299	* 1.7479	* 1.8983	* 1.5053	* 1.9131	* 2.0131	* 3.6864
10	* 1.5441	* 1.8300	* 1.3301	* 1.9808	* 1.7865	* 2.1123	* 1.2834	*
	* 2.0762	* 1.7478	* 2.1349	* 1.6104	* 1.7880	* 1.5076	* 2.4736	*
11	* 2.0003	* 1.6799	* 1.9802	* 1.7383	* 2.1608	* 2.0967	* 1.1342	*
	* 1.5968	* 1.9031	* 1.6108	* 1.8408	* 1.4795	* 1.5209	* 2.8069	*
12	* 1.7523	* 2.1142	* 1.7847	* 2.1608	* 2.2213	* 1.4087	*	*
	* 1.8213	* 1.5081	* 1.7897	* 1.4795	* 1.4390	* 2.2732	*	*
13	* 1.4564	* 1.6612	* 2.1111	* 2.0962	* 1.4082	*	*	*
	* 2.1876	* 1.9186	* 1.5083	* 1.5212	* 2.2740	*	*	*
14	* 1.2486	* 1.5321	* 1.2819	* 1.1319	*	*	*	*
	* 1.9948	* 2.0162	* 2.4767	* 2.8125	*	*	*	*
15	* 0.6421	* 0.6646	* F-SUB-Q					
	* 3.4122	* 3.7279	* M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.8199	* 1.4424	* 1.4651	* 1.8975	* 1.6569	* 1.3879	* 1.1865	* 0.6108
	* 1.8306	* 2.3078	* 2.2623	* 1.7375	* 1.9894	* 2.3747	* 2.0755	* 3.5206
9	* 1.4424	* 1.4614	* 1.7382	* 1.5923	* 2.0102	* 1.5919	* 1.4639	* 0.6403
	* 2.3078	* 2.1237	* 1.8544	* 2.0732	* 1.6367	* 2.0669	* 2.1002	* 3.7962
10	* 1.4651	* 1.7384	* 1.2704	* 1.8827	* 1.6953	* 2.0112	* 1.2245	*
	* 2.2623	* 1.8541	* 2.2430	* 1.7475	* 1.9413	* 1.6304	* 2.6797	*
11	* 1.8975	* 1.5884	* 1.8823	* 1.6603	* 2.0639	* 2.0014	* 1.0896	*
	* 1.7375	* 2.0784	* 1.7478	* 1.9829	* 1.5907	* 1.6382	* 3.0127	*
12	* 1.6569	* 2.0065	* 1.6936	* 2.0640	* 2.1266	* 1.3599	*	*
	* 1.9894	* 1.6397	* 1.9431	* 1.5906	* 1.5434	* 2.4178	*	*
13	* 1.3879	* 1.5875	* 2.0104	* 2.0012	* 1.3596	*	*	*
	* 2.3747	* 2.0726	* 1.6309	* 1.6383	* 2.4183	*	*	*
14	* 1.1865	* 1.4616	* 1.2232	* 1.0875	*	*	*	*
	* 2.0755	* 2.1032	* 2.6825	* 3.0182	*	*	*	*
15	* 0.6108	* 0.6324	* F-SUB-Q					
	* 3.5206	* 3.8364	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 209 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7450	1.3719	1.3912	1.8117	1.5746	1.3068	1.1263	0.5757
	1.9924	2.4686	2.4306	1.8999	2.1858	2.5826	2.1766	3.7355
9	1.3719	1.3910	1.6607	1.5104	1.9216	1.5032	1.3966	0.6045
	2.4686	2.2408	1.9390	2.2634	1.7862	2.2840	2.1955	4.0445
10	1.3912	1.6609	1.1941	1.7995	1.6123	1.9291	1.1603	
	2.4306	1.9387	2.3582	1.8888	2.1264	1.7697	2.9008	
11	1.8117	1.5066	1.7992	1.5790	1.9822	1.9252	1.0277	
	1.8999	2.2648	1.8889	2.1682	1.7211	1.7709	3.3286	
12	1.5746	1.9183	1.6108	1.9824	2.0481	1.2868		
	2.1858	1.7892	2.1283	1.7210	1.6642	2.6552		
13	1.3068	1.4990	1.9288	1.9252	1.2868			
	2.5826	2.2904	1.7700	1.7708	2.6550			
14	1.1263	1.3947	1.1592	1.0261				
	2.1766	2.1986	2.9054	3.3338				
15	0.5757	0.5969	F-SUB-Q					
	3.7355	4.0901	M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6527	1.2944	1.3118	1.7096	1.4833	1.2335	1.0624	0.5432
	2.0731	2.5746	2.5368	2.0034	2.3201	2.6978	2.2754	3.9082
9	1.2944	1.3124	1.5677	1.4218	1.8140	1.4214	1.3220	0.5709
	2.5746	2.3333	2.0216	2.3671	1.8975	2.4241	2.2932	4.2194
10	1.3118	1.5682	1.1255	1.6987	1.5206	1.8258	1.0976	
	2.5368	2.0211	2.4700	1.9733	2.2959	1.9695	3.0319	
11	1.7096	1.4182	1.6986	1.4923	1.8780	1.8248	0.9745	
	2.0034	2.3686	1.9732	2.3987	1.9119	1.9671	3.7021	
12	1.4833	1.8111	1.5193	1.8782	1.9427	1.2228		
	2.3201	1.9002	2.2988	1.9116	1.8452	2.9399		
13	1.2335	1.4175	1.8257	1.8252	1.2231			
	2.6978	2.4325	1.9694	1.9667	2.9393			
14	1.0624	1.3204	1.0967	0.9731				
	2.2754	2.2963	3.0364	3.7074				
15	0.5432	0.5639	F-SUB-Q					
	3.9082	4.2665	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 210 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5931	* 1.2391	* 1.2530	* 1.6421	* 1.4183	* 1.1642	* 1.0147	* 0.5127 *
	* 2.1420	* 2.6769	* 2.6389	* 2.0744	* 2.4136	* 2.8224	* 2.3414	* 4.0677 *
9	* 1.2391	* 1.2569	* 1.5070	* 1.3566	* 1.7436	* 1.3475	* 1.2675	* 0.5419 *
	* 2.6769	* 2.4227	* 2.0900	* 2.4662	* 1.9640	* 2.5213	* 2.3602	* 4.4330 *
10	* 1.2530	* 1.5075	* 1.0591	* 1.6313	* 1.4525	* 1.7581	* 1.0425	*
	* 2.6389	* 2.0896	* 2.5722	* 2.0454	* 2.3940	* 2.0396	* 3.1890	*
11	* 1.6421	* 1.3532	* 1.6314	* 1.4260	* 1.8083	* 1.7604	* 0.9192	*
	* 2.0744	* 2.4677	* 2.0451	* 2.5016	* 2.0165	* 2.0815	* 3.9468	*
12	* 1.4183	* 1.7410	* 1.4512	* 1.8086	* 1.8742	* 1.1561	*	*
	* 2.4136	* 1.9667	* 2.3970	* 2.0161	* 1.9693	* 3.2366	*	*
13	* 1.1642	* 1.3428	* 1.7583	* 1.7609	* 1.1568	*	*	*
	* 2.8224	* 2.5301	* 2.0393	* 2.0807	* 3.2344	*	*	*
14	* 1.0147	* 1.2662	* 1.0418	* 0.9183	*	*	*	*
	* 2.3414	* 2.3632	* 3.1942	* 3.9509	*	*	*	*
15	* 0.5127	* 0.5350	* F-SUB-Q					
	* 4.0677	* 4.4780	* M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4917	* 1.1640	* 1.1822	* 1.5299	* 1.3259	* 1.1209	* 0.9557	* 0.4930 *
	* 2.2954	* 2.8118	* 2.8051	* 2.2305	* 2.5868	* 2.9574	* 2.5262	* 4.2871 *
9	* 1.1640	* 1.1790	* 1.4048	* 1.2709	* 1.6223	* 1.2939	* 1.1919	* 0.5191 *
	* 2.8118	* 2.5522	* 2.2460	* 2.6337	* 2.1147	* 2.6832	* 2.5492	* 4.5869 *
10	* 1.1822	* 1.4054	* 1.0210	* 1.5185	* 1.3608	* 1.6355	* 0.9946	*
	* 2.8051	* 2.2455	* 2.7507	* 2.1988	* 2.5580	* 2.1968	* 3.3237	*
11	* 1.5299	* 1.2678	* 1.5186	* 1.3589	* 1.6834	* 1.6350	* 0.8939	*
	* 2.2305	* 2.6353	* 2.1984	* 2.6751	* 2.1695	* 2.2449	* 4.0665	*
12	* 1.3259	* 1.6201	* 1.3598	* 1.6837	* 1.7418	* 1.1242	*	*
	* 2.5868	* 2.1175	* 2.5610	* 2.1691	* 2.1240	* 3.3369	*	*
13	* 1.1209	* 1.2907	* 1.6359	* 1.6357	* 1.1245	*	*	*
	* 2.9574	* 2.6899	* 2.1962	* 2.2439	* 3.3358	*	*	*
14	* 0.9557	* 1.1906	* 0.9940	* 0.8928	*	*	*	*
	* 2.5262	* 2.5523	* 3.3282	* 4.0718	*	*	*	*
15	* 0.4930	* 0.5128	* F-SUB-Q					
	* 4.2871	* 4.6335	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 14 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4773	1.1406	1.1500	1.5091	1.2987	1.0714	0.9345	0.4740
	2.3509	2.9545	2.9166	2.2891	2.6729	3.1314	2.5933	4.5112
9	1.1406	1.1572	1.3879	1.2407	1.6013	1.2379	1.1695	0.5016
	2.9545	2.6720	2.3036	2.7298	2.1674	2.7908	2.6117	4.8933
10	1.1500	1.3885	0.9697	1.4955	1.3272	1.6159	0.9586	
	2.9166	2.3031	2.8472	2.2547	2.6484	2.2456	3.5191	
11	1.5091	1.2377	1.4958	1.3036	1.6603	1.6185	0.8482	
	2.2891	2.7314	2.2542	2.7610	2.2168	2.2878	4.3268	
12	1.2987	1.5993	1.3262	1.6607	1.7228	1.0670		
	2.6729	2.1699	2.6515	2.2162	2.1635	3.5438		
13	1.0714	1.2347	1.6166	1.6194	1.0680			
	3.1314	2.8003	2.2447	2.2864	3.5406			
14	0.9345	1.1685	0.9583	0.8474				
	2.5933	2.6148	3.5234	4.3312				
15	0.4740	0.4951	F-SUB-Q					
	4.5112	4.9324	M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4443	1.1144	1.1220	1.4706	1.2635	1.0470	0.9165	0.4696
	2.4883	3.1302	3.0921	2.4267	2.8378	3.3136	2.7339	4.7382
9	1.1144	1.1317	1.3561	1.2069	1.5583	1.2081	1.1438	0.4949
	3.1302	2.8275	2.4383	2.8967	2.3000	2.9625	2.7565	5.1223
10	1.1220	1.3568	0.9466	1.4545	1.2883	1.5701	0.9352	
	3.0921	2.4376	3.0222	2.3943	2.8153	2.3865	3.7195	
11	1.4706	1.2041	1.4548	1.2647	1.6112	1.5710	0.8281	
	2.4267	2.8984	2.3935	2.9400	2.3588	2.4340	4.5803	
12	1.2635	1.5566	1.2874	1.6117	1.6714	1.0397		
	2.8378	2.3025	2.8185	2.3581	2.3006	3.7484		
13	1.0470	1.2051	1.5710	1.5721	1.0405			
	3.3136	2.9725	2.3853	2.4323	3.7453			
14	0.9165	1.1430	0.9350	0.8274				
	2.7339	2.7596	3.7238	4.5845				
15	0.4696	0.4888	F-SUB-Q					
	4.7382	5.1693	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4106	* 1.0944	* 1.1026	* 1.4294	* 1.2300	* 1.0414	* 0.9141	* 0.4817
	* 2.6818	* 3.3113	* 3.3205	* 2.6256	* 3.0604	* 3.5055	* 2.9658	* 5.0285
9	* 1.0944	* 1.1134	* 1.3256	* 1.1772	* 1.5116	* 1.1972	* 1.1243	* 0.5026
	* 3.3113	* 3.0061	* 2.6398	* 3.1208	* 2.4894	* 3.1727	* 2.9877	* 5.3680
10	* 1.1026	* 1.3264	* 0.9472	* 1.4123	* 1.2514	* 1.5161	* 0.9243	*
	* 3.3205	* 2.6390	* 3.2613	* 2.5873	* 3.0288	* 2.5758	* 3.9263	*
11	* 1.4294	* 1.1745	* 1.4128	* 1.2430	* 1.5533	* 1.5123	* 0.8235	*
	* 2.6256	* 3.1225	* 2.5863	* 3.1563	* 2.5414	* 2.6255	* 4.7759	*
12	* 1.2300	* 1.5101	* 1.2506	* 1.5538	* 1.6078	* 1.0303	*	*
	* 3.0604	* 2.4917	* 3.0318	* 2.5406	* 2.4823	* 3.9165	*	*
13	* 1.0414	* 1.1945	* 1.5172	* 1.5136	* 1.0310	*	*	*
	* 3.5055	* 3.1799	* 2.5742	* 2.6234	* 3.9139	*	*	*
14	* 0.9141	* 1.1235	* 0.9234	* 0.8227	*	*	*	*
	* 2.9658	* 2.9907	* 3.9303	* 4.7804	*	*	*	*
15	* 0.4817	* 0.4962	* F-SUB-Q					
	* 5.0285	* 5.4241	* M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4458	* 1.1135	* 1.1200	* 1.4607	* 1.2474	* 1.0363	* 0.9698	* 0.5196
	* 2.6391	* 3.3345	* 3.3101	* 2.6065	* 3.0558	* 3.5573	* 2.8932	* 4.9719
9	* 1.1135	* 1.1544	* 1.3725	* 1.1932	* 1.5450	* 1.1899	* 1.1548	* 0.5311
	* 3.3345	* 3.0231	* 2.6124	* 3.1220	* 2.4749	* 3.1807	* 2.9193	* 5.3851
10	* 1.1200	* 1.3732	* 0.9587	* 1.4481	* 1.2606	* 1.5418	* 0.9247	*
	* 3.3101	* 2.6116	* 3.2513	* 2.5785	* 3.0406	* 2.5611	* 3.9841	*
11	* 1.4607	* 1.1904	* 1.4487	* 1.2329	* 1.5726	* 1.5362	* 0.8050	*
	* 2.6065	* 3.1233	* 2.5773	* 3.1727	* 2.5396	* 2.6090	* 4.8974	*
12	* 1.2474	* 1.5438	* 1.2599	* 1.5732	* 1.6297	* 1.0029	*	*
	* 3.0558	* 2.4766	* 3.0434	* 2.5386	* 2.4747	* 4.0386	*	*
13	* 1.0363	* 1.1861	* 1.5432	* 1.5377	* 1.0043	*	*	*
	* 3.5573	* 3.1906	* 2.5589	* 2.6065	* 4.0332	*	*	*
14	* 0.9698	* 1.1539	* 0.9240	* 0.8046	*	*	*	*
	* 2.8932	* 2.9218	* 3.9873	* 4.9002	*	*	*	*
15	* 0.5196	* 0.5247	* F-SUB-Q					
	* 4.9719	* 5.4374	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4750	1.1403	1.1478	1.4882	1.2661	1.0548	1.1084	0.6176
	2.4532	3.1027	3.0909	2.4424	2.8686	3.3233	2.6763	4.5662
9	1.1403	1.2171	1.4284	1.2142	1.5735	1.2126	1.2166	0.5962
	3.1027	2.8184	2.4384	2.9252	2.3279	2.9875	2.7061	4.9750
10	1.1478	1.4292	1.0561	1.4888	1.2752	1.5569	0.9462	
	3.0909	2.4376	3.0382	2.4240	2.8655	2.4143	3.7404	
11	1.4882	1.2122	1.4896	1.2429	1.5820	1.5460	0.8033	
	2.4424	2.9264	2.4232	2.9957	2.4015	2.4609	4.6233	
12	1.2661	1.5725	1.2744	1.5827	1.6374	0.9957		
	2.8686	2.3290	2.8678	2.4005	2.3397	3.8345		
13	1.0548	1.2088	1.5585	1.5477	0.9976			
	3.3233	2.9963	2.4119	2.4583	3.8271			
14	1.1084	1.2158	0.9452	0.8030				
	2.6763	2.7080	3.7438	4.6252				
15	0.6176	0.5906	F-SUB-Q					
	4.5662	5.0233	M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5050	1.1695	1.1769	1.5147	1.2866	1.0910	1.2883	0.7273
	2.2031	2.7934	2.7854	2.2049	2.5926	3.0078	2.4178	4.1221
9	1.1695	1.2781	1.4816	1.2422	1.6001	1.2359	1.3004	0.6796
	2.7934	2.5367	2.1979	2.6393	2.1049	2.7019	2.4447	4.4602
10	1.1769	1.4825	1.1695	1.5271	1.2951	1.5680	0.9796	
	2.7854	2.1972	2.7392	2.1905	2.5906	2.1852	3.3635	
11	1.5147	1.2408	1.5281	1.2534	1.5877	1.5498	0.8171	
	2.2049	2.6403	2.1896	2.7110	2.1738	2.2280	4.1380	
12	1.2866	1.5993	1.2940	1.5885	1.6389	1.0042		
	2.5926	2.1057	2.5924	2.1728	2.1184	3.4345		
13	1.0910	1.2321	1.5698	1.5517	1.0058			
	3.0078	2.7095	2.1827	2.2254	3.4292			
14	1.2883	1.2994	0.9790	0.8168				
	2.4178	2.4463	3.3654	4.1393				
15	0.7273	0.6729	F-SUB-Q					
	4.1221	4.5030	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5126	* 1.2072	* 1.1957	* 1.5203	* 1.2977	* 1.1307	* 1.3494	* 0.7883
	* 2.0268	* 2.5149	* 2.5541	* 2.0314	* 2.3799	* 2.7153	* 2.2406	* 3.7588
9	* 1.2072	* 1.3274	* 1.5109	* 1.2640	* 1.6026	* 1.2543	* 1.3418	* 0.7418
	* 2.5149	* 2.2886	* 2.0228	* 2.4189	* 1.9423	* 2.4780	* 2.2672	* 4.0057
10	* 1.1957	* 1.5115	* 1.2075	* 1.5363	* 1.3044	* 1.5587	* 1.0156	*
	* 2.5541	* 2.0220	* 2.5116	* 2.0190	* 2.3762	* 2.0165	* 3.0293	*
11	* 1.5203	* 1.2635	* 1.5373	* 1.2542	* 1.5756	* 1.5333	* 0.8411	*
	* 2.0314	* 2.4198	* 2.0181	* 2.4842	* 1.9988	* 2.0567	* 3.6927	*
12	* 1.2977	* 1.6020	* 1.3035	* 1.5764	* 1.6200	* 1.0268	*	*
	* 2.3799	* 1.9431	* 2.3777	* 1.9979	* 1.9489	* 3.0491	*	*
13	* 1.1307	* 1.2519	* 1.5606	* 1.5352	* 1.0280	*	*	*
	* 2.7153	* 2.4825	* 2.0141	* 2.0540	* 3.0457	*	*	*
14	* 1.3494	* 1.3409	* 1.0149	* 0.8408	*	*	*	*
	* 2.2406	* 2.2686	* 3.0309	* 3.6939	*	*	*	*
15	* 0.7883	* 0.7336	* F-SUB-Q					
	* 3.7588	* 4.0491	* M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5770	* 1.2248	* 1.2321	* 1.5823	* 1.3361	* 1.1427	* 1.4352	* 0.8211
	* 1.7932	* 2.2909	* 2.2835	* 1.7977	* 2.1275	* 2.4824	* 1.9880	* 3.4342
9	* 1.2248	* 1.3587	* 1.5821	* 1.3049	* 1.6686	* 1.2873	* 1.4231	* 0.7558
	* 2.2909	* 2.0757	* 1.7913	* 2.1671	* 1.7160	* 2.2183	* 2.0082	* 3.7329
10	* 1.2321	* 1.5828	* 1.2531	* 1.5973	* 1.3402	* 1.6204	* 1.0229	*
	* 2.2835	* 1.7906	* 2.2490	* 1.7854	* 2.1244	* 1.7758	* 2.7903	*
11	* 1.5823	* 1.3044	* 1.5985	* 1.2868	* 1.6313	* 1.5942	* 0.8322	*
	* 1.7977	* 2.1678	* 1.7844	* 2.2134	* 1.7608	* 1.8057	* 3.4192	*
12	* 1.3361	* 1.6682	* 1.3394	* 1.6322	* 1.6819	* 1.0158	*	*
	* 2.1275	* 1.7163	* 2.1257	* 1.7599	* 1.7122	* 2.8143	*	*
13	* 1.1427	* 1.2836	* 1.6226	* 1.5965	* 1.0179	*	*	*
	* 2.4824	* 2.2244	* 1.7733	* 1.8032	* 2.8085	*	*	*
14	* 1.4352	* 1.4221	* 1.0221	* 0.8319	*	*	*	*
	* 1.9880	* 2.0094	* 2.7923	* 3.4203	*	*	*	*
15	* 0.8211	* 0.7482	* F-SUB-Q					
	* 3.4342	* 3.7697	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5994	1.2399	1.2470	1.6025	1.3515	1.1570	1.4654	0.8402
	1.6426	2.1031	2.0958	1.6475	1.9531	2.2779	1.8168	3.1458
9	1.2399	1.3784	1.6052	1.3206	1.6888	1.3030	1.4511	0.7736
	2.1031	1.9001	1.6384	1.9878	1.5731	2.0355	1.8349	3.4163
10	1.2470	1.6058	1.2698	1.6161	1.3535	1.6384	1.0366	
	2.0958	1.6378	2.0599	1.6366	1.9527	1.6295	2.5590	
11	1.6025	1.3201	1.6171	1.2969	1.6470	1.6106	0.8400	
	1.6475	1.9885	1.6356	2.0380	1.6173	1.6583	3.1493	
12	1.3515	1.6885	1.3526	1.6479	1.6984	1.0249		
	1.9531	1.5733	1.9538	1.6164	1.5725	2.5904		
13	1.1570	1.2992	1.6409	1.6130	1.0271			
	2.2779	2.0410	1.6272	1.6559	2.5848			
14	1.4654	1.4501	1.0358	0.8399				
	1.8168	1.8361	2.5607	3.1496				
15	0.8402	0.7653	F-SUB-Q					
	3.1458	3.4523	M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6148	1.2522	1.2581	1.6134	1.3643	1.1677	1.4774	0.8516
	1.5356	1.9674	1.9618	1.5436	1.8261	2.1321	1.7009	2.9343
9	1.2522	1.3917	1.6210	1.3332	1.6993	1.3149	1.4623	0.7993
	1.9674	1.7766	1.5307	1.8587	1.4742	1.9038	1.7185	3.1261
10	1.2581	1.6217	1.2815	1.6260	1.3650	1.6449	1.0485	
	1.9618	1.5301	1.9271	1.5339	1.8269	1.5303	2.3893	
11	1.6134	1.3328	1.6270	1.3043	1.6532	1.6154	0.8472	
	1.5436	1.8593	1.5330	1.9117	1.5185	1.5585	2.9496	
12	1.3643	1.6990	1.3642	1.6541	1.7026	1.0392		
	1.8261	1.4744	1.8278	1.5177	1.4782	2.4106		
13	1.1677	1.3111	1.6474	1.6178	1.0411			
	2.1321	1.9091	1.5281	1.5562	2.4063			
14	1.4774	1.4611	1.0478	0.8474				
	1.7009	1.7198	2.3909	2.9491				
15	0.8516	0.7769	F-SUB-Q					
	2.9343	3.2154	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 216 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 4 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6077	* 1.2516	* 1.2535	* 1.6010	* 1.3622	* 1.1668	* 1.4576	* 0.8485
	* 1.4768	* 1.8879	* 1.8870	* 1.4868	* 1.7514	* 2.0449	* 1.6505	* 2.8241
9	* 1.2516	* 1.3910	* 1.6065	* 1.3319	* 1.6837	* 1.3117	* 1.4435	* 0.7936
	* 1.8879	* 1.7046	* 1.4770	* 1.7820	* 1.4248	* 1.8275	* 1.6666	* 3.0182
10	* 1.2535	* 1.6077	* 1.2769	* 1.6126	* 1.3630	* 1.6208	* 1.0485	*
	* 1.8870	* 1.4759	* 1.8531	* 1.4781	* 1.7517	* 1.4852	* 2.2887	*
11	* 1.6010	* 1.3315	* 1.6137	* 1.2955	* 1.6294	* 1.5891	* 0.8439	*
	* 1.4868	* 1.7825	* 1.4771	* 1.8424	* 1.4728	* 1.5147	* 2.8373	*
12	* 1.3622	* 1.6803	* 1.3623	* 1.6303	* 1.6727	* 1.0323	*	*
	* 1.7514	* 1.4261	* 1.7525	* 1.4721	* 1.4383	* 2.3220	*	*
13	* 1.1668	* 1.3079	* 1.6231	* 1.5913	* 1.0340	*	*	*
	* 2.0449	* 1.8325	* 1.4831	* 1.5126	* 2.3182	*	*	*
14	* 1.4576	* 1.4421	* 1.0476	* 0.8430	*	*	*	*
	* 1.6505	* 1.6680	* 2.2906	* 2.8405	*	*	*	*
15	* 0.8485	* 0.7760	* F-SUB-Q					
	* 2.8241	* 3.0864	* M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 3 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5436	* 1.2174	* 1.2110	* 1.5351	* 1.3198	* 1.1312	* 1.3937	* 0.8117
	* 1.4890	* 1.8808	* 1.8924	* 1.5005	* 1.7506	* 2.0443	* 1.6710	* 2.8625
9	* 1.2174	* 1.3420	* 1.5381	* 1.2909	* 1.6139	* 1.2699	* 1.3765	* 0.7616
	* 1.8808	* 1.7103	* 1.4929	* 1.7808	* 1.4376	* 1.8281	* 1.6921	* 3.0498
10	* 1.2110	* 1.5392	* 1.2327	* 1.5450	* 1.3204	* 1.5473	* 1.0088	*
	* 1.8924	* 1.4919	* 1.8593	* 1.4927	* 1.7509	* 1.5040	* 2.3051	*
11	* 1.5351	* 1.2906	* 1.5460	* 1.2449	* 1.5515	* 1.5098	* 0.8135	*
	* 1.5005	* 1.7813	* 1.4918	* 1.8560	* 1.4951	* 1.5420	* 2.8534	*
12	* 1.3198	* 1.6105	* 1.3196	* 1.5528	* 1.5860	* 0.9891	*	*
	* 1.7506	* 1.4395	* 1.7518	* 1.4939	* 1.4663	* 2.3463	*	*
13	* 1.1312	* 1.2662	* 1.5488	* 1.5116	* 0.9905	*	*	*
	* 2.0443	* 1.8332	* 1.5032	* 1.5401	* 2.3432	*	*	*
14	* 1.3937	* 1.3750	* 1.0078	* 0.8123	*	*	*	*
	* 1.6710	* 1.6938	* 2.3071	* 2.8576	*	*	*	*
15	* 0.8117	* 0.7467	* F-SUB-Q					
	* 2.8625	* 3.1108	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 217 of 306

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 475 EFPD, THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3006	1.0698	1.0463	1.2955	1.1534	0.9814	1.1781	0.6865
	1.7238	2.0916	2.1391	1.7346	1.9556	2.3026	1.9291	3.3079
9	1.0698	1.1688	1.2900	1.1217	1.3593	1.1057	1.1648	0.6500
	2.0916	1.9163	1.7370	2.0013	1.6621	2.0492	1.9513	3.4946
10	1.0463	1.2907	1.0639	1.3032	1.1454	1.3040	0.8639	
	2.1391	1.7358	2.1036	1.7268	1.9702	1.7405	2.6281	
11	1.2955	1.1214	1.3035	1.0676	1.2962	1.2688	0.7032	
	1.7346	2.0017	1.7260	2.1069	1.7427	1.7891	3.2260	
12	1.1534	1.3583	1.1446	1.2970	1.3170	0.8460		
	1.9556	1.6633	1.9713	1.7416	1.7210	2.6796		
13	0.9814	1.1024	1.3042	1.2701	0.8466			
	2.3026	2.0553	1.7401	1.7873	2.6775			
14	1.1781	1.1635	0.8631	0.7020				
	1.9291	1.9534	2.6303	3.2315				
15	0.6865	0.6400	F-SUB-Q					
	3.3079	3.5475	M-SUB-Q					

AT 50% POWER, 475 EFPD, THIS IS LEVEL 1 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6221	0.5584	0.5688	0.6521	0.5984	0.5318	0.5507	0.3489
	3.5159	3.9142	3.8470	3.3672	3.6784	4.1537	4.0272	6.3638
9	0.5584	0.5987	0.6483	0.5897	0.6538	0.5710	0.5428	0.3272
	3.9142	3.6523	3.3778	3.7182	3.3699	3.8728	4.0864	6.7883
10	0.5688	0.6485	0.5783	0.6555	0.5963	0.6185	0.4445	
	3.8470	3.3766	3.7875	3.3546	3.6935	3.5781	4.9902	
11	0.6521	0.5896	0.6554	0.5787	0.6447	0.5913	0.3559	
	3.3672	3.7190	3.3543	3.7960	3.4211	3.7439	6.2305	
12	0.5984	0.6528	0.5958	0.6449	0.6123	0.4340		
	3.6784	3.3747	3.6960	3.4197	3.6100	5.1028		
13	0.5318	0.5694	0.6182	0.5916	0.4341			
	4.1537	3.8832	3.5795	3.7416	5.1015			
14	0.5507	0.5420	0.4441	0.3553				
	4.0272	4.0920	4.9949	6.2415				
15	0.3489	0.3259	F-SUB-Q					
	6.3638	6.8142	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 218 of 306

TABLE A-2

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	3.3476	3.3961	3.5166	3.4238	3.5012	3.9623	4.4597	6.4938
	3.6597	3.6784	3.7898	3.6538	3.7087	4.1724	4.6160	6.6165
	3.8916	3.8958	3.9493	3.8229	3.8707	4.2631	4.6790	6.6568
	4.0246	3.9443	3.9676	3.9129	3.8880	4.2234	4.5677	6.4316
	3.5534	3.4521	3.4394	3.4322	3.3975	3.7124	4.0056	5.6147
	3.1046	3.0094	2.9967	3.0016	2.9471	3.1942	3.4111	4.6947
9	3.3961	3.3986	3.3769	3.4985	3.5119	3.7972	4.5833	6.6308
	3.6784	3.6405	3.6117	3.7509	3.7174	4.0109	4.7426	6.7399
	3.8958	3.8359	3.8176	3.8829	3.8730	4.1604	4.8028	6.7442
	3.9443	3.8739	3.9280	3.8806	3.9397	4.1513	4.7023	6.5553
	3.4521	3.3605	3.4059	3.3501	3.4637	3.6447	4.1336	5.7630
	3.0094	2.9321	2.9681	2.9009	3.0271	3.1360	3.5287	4.8668
10	3.5166	3.3755	3.4386	3.4985	3.6071	4.0547	4.8940	
	3.7898	3.6102	3.7383	3.6990	3.8551	4.2043	5.1096	
	3.9493	3.8159	3.8825	3.8575	3.9858	4.3071	5.2330	
	3.9676	3.9266	3.8859	3.9263	3.9855	4.3173	5.2169	
	3.4394	3.4051	3.3412	3.4083	3.4576	3.8073	4.6116	
	2.9967	2.9674	2.8803	2.9663	2.9799	3.2613	3.9592	
11	3.4238	3.4996	3.4994	3.6855	3.9274	4.5201	6.1094	
	3.6538	3.7526	3.6997	3.9474	4.0697	4.6674	6.2381	
	3.8229	3.8843	3.8585	4.0885	4.1944	4.7665	6.3107	
	3.9129	3.8830	3.9280	4.0640	4.2439	4.7312	6.2476	
	3.4322	3.3524	3.4089	3.4950	3.6882	4.0853	5.4785	
	3.0016	2.9027	2.9663	3.0095	3.1557	3.4908	4.6641	
12	3.5012	3.5267	3.6147	3.9303	4.4917	5.2591		
	3.7087	3.7314	3.8629	4.0723	4.6044	5.4042		
	3.8707	3.8885	3.9916	4.1971	4.6930	5.5180		
	3.8880	3.9597	3.9904	4.2464	4.6864	5.5306		
	3.3975	3.4786	3.4619	3.6902	3.9893	4.7240		
	2.9471	3.0365	2.9828	3.1563	3.4303	4.1404		
13	3.9623	3.8142	4.0658	4.5292	5.2688			
	4.1724	4.0290	4.2143	4.6754	5.4178			
	4.2631	4.1752	4.3175	4.7746	5.5316			
	4.2234	4.1630	4.3275	4.7388	5.5451			
	3.7124	3.6546	3.8155	4.0913	4.7388			
	3.1942	3.1429	3.2663	3.4945	4.1522			
14	4.4597	4.5948	4.9122	6.1300				
	4.6160	4.7526	5.1262	6.2571				
	4.6790	4.8138	5.2489	6.3282				
	4.5677	4.7131	5.2296	6.2664				
	4.0056	4.1408	4.6219	5.4933				
	3.4111	3.5343	3.9655	4.6671				
15	6.4938	6.6823	4 EFPD	118 % POWER				
	6.6164	6.7961	75 EFPD	118 % POWER				
	6.6568	6.8027	150 EFPD	118 % POWER				
	6.4316	6.6090	275 EFPD	118 % POWER				
	5.6147	5.8075	375 EFPD	118 % POWER				
	4.6947	4.9068	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 219 of 306

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6439	1.7639	1.9001	1.7522	1.7870	2.0426	2.0365	3.2746
	1.8189	1.9443	2.0634	1.8861	1.9116	2.1777	2.1255	3.3499
	1.9626	2.0989	2.1794	1.9994	2.0178	2.2610	2.1848	3.4067
	2.0866	2.1861	2.2430	2.0957	2.0827	2.3205	2.1928	3.3937
	1.9304	2.0075	2.0348	1.9161	1.9187	2.1640	2.0578	3.1513
	1.8074	1.8849	1.8994	1.8021	1.7957	2.0003	1.9123	2.8248
9	1.7639	1.7284	1.7532	1.8269	1.7088	1.9387	2.0827	3.4109
	1.9443	1.8792	1.8978	1.9639	1.8331	2.0479	2.1640	3.4718
	2.0989	2.0108	2.0254	2.0574	1.9346	2.1445	2.2165	3.4958
	2.1861	2.0847	2.1237	2.1136	2.0280	2.1995	2.2424	3.5078
	2.0075	1.9000	1.9128	1.9164	1.8653	2.0422	2.1098	3.2797
	1.8849	1.7856	1.7902	1.7888	1.7411	1.8938	1.9599	2.9670
10	1.9001	1.7523	1.8676	1.7891	1.8735	1.9037	2.5095	
	2.0634	1.8968	2.0394	1.9136	1.9839	2.0026	2.6362	
	2.1794	2.0244	2.1452	2.0234	2.0771	2.0868	2.7239	
	2.2430	2.1232	2.1983	2.1117	2.1331	2.1549	2.7924	
	2.0348	1.9125	1.9815	1.9096	1.9489	1.9919	2.6082	
	1.8994	1.7898	1.8434	1.7864	1.8108	1.8350	2.3868	
11	1.7522	1.8285	1.7895	1.9662	1.9782	2.0987	3.1706	
	1.8861	1.9651	1.9139	2.1300	2.0722	2.1868	3.2441	
	1.9994	2.0588	2.0238	2.2254	2.1659	2.2476	3.3005	
	2.0957	2.1154	2.1123	2.2752	2.2403	2.2934	3.3596	
	1.9161	1.9180	1.9103	2.0489	2.0206	2.0961	3.0918	
	1.8021	1.7901	1.7866	1.8914	1.8552	1.9296	2.8040	
12	1.7870	1.7184	1.8770	1.9799	2.1023	2.8635		
	1.9116	1.8417	1.9877	2.0737	2.1854	2.9356		
	2.0178	1.9438	2.0801	2.1674	2.2736	2.9991		
	2.0827	2.0361	2.1360	2.2418	2.3348	3.0583		
	1.9187	1.8726	1.9515	2.0219	2.0813	2.7166		
	1.7957	1.7451	1.8126	1.8558	1.8951	2.5169		
13	2.0426	1.9478	1.9086	2.1027	2.8662			
	2.1777	2.0559	2.0071	2.1903	2.9403			
	2.2610	2.1511	2.0916	2.2511	3.0036			
	2.3205	2.2058	2.1598	2.2968	3.0626			
	2.1640	2.0478	1.9960	2.0988	2.7210			
	2.0003	1.8978	1.8374	1.9313	2.5212			
14	2.0365	2.0878	2.5193	3.1836				
	2.1255	2.1684	2.6450	3.2564				
	2.1848	2.2212	2.7324	3.3119				
	2.1928	2.2471	2.8003	3.3698				
	2.0578	2.1134	2.6147	3.0999				
	1.9123	1.9628	2.3912	2.8056				
15	3.2746	3.4676	4 EFPD	118 % POWER				
	3.3499	3.5292	75 EFPD	118 % POWER				
	3.4067	3.5537	150 EFPD	118 % POWER				
	3.3937	3.5654	275 EFPD	118 % POWER				
	3.1513	3.3296	375 EFPD	118 % POWER				
	2.8248	3.0091	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6124	1.5871	1.7114	1.6694	1.6110	1.7702	1.8158	2.8129
	1.7400	1.7396	1.8570	1.7569	1.7052	1.8800	1.8655	2.8340
	1.8325	1.8654	1.9389	1.8262	1.7849	1.9472	1.8941	2.8492
	1.8768	1.9263	1.9516	1.8425	1.8180	2.0035	1.8565	2.8429
	1.7048	1.8020	1.7956	1.6558	1.6982	1.9128	1.7915	2.7184
	1.6320	1.7451	1.7369	1.6072	1.6416	1.8290	1.7262	2.5227
9	1.5871	1.5788	1.7461	1.6568	1.6560	1.7138	1.8357	2.9207
	1.7396	1.6992	1.8460	1.7603	1.7439	1.7967	1.8881	2.9284
	1.8654	1.7989	1.9148	1.8249	1.7913	1.8708	1.8769	2.9175
	1.9263	1.8265	1.8905	1.8368	1.8031	1.9101	1.8957	2.9351
	1.8020	1.6843	1.6618	1.6866	1.6250	1.8041	1.8379	2.8185
	1.7451	1.6390	1.6048	1.6294	1.5549	1.7255	1.7663	2.6315
10	1.7114	1.7438	1.6991	1.7144	1.6800	1.7607	2.1397	
	1.8570	1.8439	1.8440	1.7916	1.7593	1.8216	2.2265	
	1.9389	1.9137	1.9119	1.8550	1.8203	1.8653	2.2878	
	1.9516	1.8903	1.9136	1.8626	1.8432	1.8885	2.3483	
	1.7956	1.6617	1.7491	1.6543	1.7062	1.7293	2.2351	
	1.7369	1.6045	1.6882	1.5976	1.6403	1.6329	2.1071	
11	1.6694	1.6617	1.7161	1.7619	1.8952	1.8485	2.7412	
	1.7569	1.7639	1.7931	1.8842	1.9300	1.8865	2.7640	
	1.8262	1.8272	1.8567	1.9634	1.9693	1.9337	2.7804	
	1.8425	1.8387	1.8649	1.9702	1.9653	1.9428	2.8188	
	1.6558	1.6881	1.6551	1.7970	1.7430	1.8005	2.6366	
	1.6072	1.6307	1.5979	1.7205	1.6433	1.7147	2.4622	
12	1.6110	1.6688	1.6843	1.8976	1.8940	2.5582		
	1.7052	1.7547	1.7635	1.9321	1.9313	2.5716		
	1.7849	1.8059	1.8238	1.9714	1.9788	2.5829		
	1.8180	1.8122	1.8465	1.9673	1.9926	2.5806		
	1.6982	1.6323	1.7087	1.7444	1.7979	2.2987		
	1.6416	1.5574	1.6421	1.6438	1.6660	2.1880		
13	1.7703	1.7233	1.7672	1.8526	2.5588			
	1.8800	1.8053	1.8273	1.8900	2.5739			
	1.9472	1.8780	1.8701	1.9372	2.5847			
	2.0035	1.9166	1.8928	1.9458	2.5823			
	1.9128	1.8097	1.7334	1.8027	2.3003			
	1.8290	1.7293	1.6349	1.7160	2.1896			
14	1.8158	1.8410	2.1489	2.7530				
	1.8655	1.8925	2.2347	2.7747				
	1.8941	1.8817	2.2955	2.7904				
	1.8565	1.9000	2.3552	2.8276				
	1.7915	1.8411	2.2406	2.6434				
	1.7262	1.7689	2.1107	2.4633				
15	2.8129	2.9620	4 EFPD	118 % POWER				
	2.8340	2.9676	75 EFPD	118 % POWER				
	2.8492	2.9555	150 EFPD	118 % POWER				
	2.8429	2.9731	275 EFPD	118 % POWER				
	2.7184	2.8527	375 EFPD	118 % POWER				
	2.5227	2.6605	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 221 of 306

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.4983	* 1.4939	* 1.6217	* 1.5484	* 1.4931	* 1.6387	* 1.6249	* 2.6151
	* 1.6010	* 1.6323	* 1.7498	* 1.6052	* 1.5676	* 1.7283	* 1.6438	* 2.5969
	* 1.6679	* 1.7409	* 1.8075	* 1.6450	* 1.6295	* 1.7818	* 1.6423	* 2.5859
	* 1.6673	* 1.7748	* 1.7839	* 1.6109	* 1.6520	* 1.8429	* 1.6348	* 2.6050
	* 1.5402	* 1.6910	* 1.6739	* 1.4894	* 1.5727	* 1.7938	* 1.6353	* 2.5610
	* 1.5318	* 1.6794	* 1.6622	* 1.5033	* 1.5616	* 1.7548	* 1.6105	* 2.4271
*****								
9	* 1.4939	* 1.4915	* 1.6251	* 1.5674	* 1.5280	* 1.5878	* 1.6417	* 2.7649
	* 1.6323	* 1.5928	* 1.7067	* 1.6492	* 1.5856	* 1.6489	* 1.6614	* 2.7280
	* 1.7409	* 1.6695	* 1.7405	* 1.6932	* 1.6045	* 1.7030	* 1.6292	* 2.6910
	* 1.7748	* 1.6579	* 1.6505	* 1.6732	* 1.5794	* 1.7376	* 1.6769	* 2.7376
	* 1.6910	* 1.5626	* 1.4891	* 1.5660	* 1.4495	* 1.6694	* 1.6723	* 2.7037
	* 1.6794	* 1.5641	* 1.5007	* 1.5568	* 1.4472	* 1.6421	* 1.6442	* 2.5789
*****								
10	* 1.6217	* 1.6222	* 1.6531	* 1.5940	* 1.5750	* 1.5995	* 2.0016	*
	* 1.7498	* 1.7047	* 1.7376	* 1.6399	* 1.6329	* 1.6290	* 2.0618	*
	* 1.8075	* 1.7406	* 1.7801	* 1.6703	* 1.6736	* 1.6513	* 2.1047	*
	* 1.7839	* 1.6505	* 1.7453	* 1.6263	* 1.6746	* 1.6531	* 2.1717	*
	* 1.6739	* 1.4890	* 1.6272	* 1.4830	* 1.5756	* 1.5378	* 2.1074	*
	* 1.6622	* 1.5006	* 1.6152	* 1.4942	* 1.5602	* 1.5115	* 2.0372	*
*****								
11	* 1.5484	* 1.5729	* 1.5961	* 1.6935	* 1.7466	* 1.6868	* 2.6374	*
	* 1.6052	* 1.6546	* 1.6418	* 1.7776	* 1.7489	* 1.6929	* 2.6226	*
	* 1.6450	* 1.6975	* 1.6733	* 1.8149	* 1.7580	* 1.7028	* 2.6140	*
	* 1.6109	* 1.6754	* 1.6288	* 1.7915	* 1.7172	* 1.7007	* 2.6480	*
	* 1.4894	* 1.5675	* 1.4837	* 1.6627	* 1.5402	* 1.5882	* 2.5208	*
	* 1.5033	* 1.5581	* 1.4944	* 1.6385	* 1.5216	* 1.5758	* 2.4111	*
*****								
12	* 1.4931	* 1.5406	* 1.5799	* 1.7493	* 1.7485	* 2.4731	*	*
	* 1.5676	* 1.5995	* 1.6378	* 1.7513	* 1.7531	* 2.4400	*	*
	* 1.6295	* 1.6199	* 1.6778	* 1.7603	* 1.7739	* 2.4211	*	*
	* 1.6520	* 1.5889	* 1.6782	* 1.7191	* 1.7561	* 2.3916	*	*
	* 1.5727	* 1.4546	* 1.5781	* 1.5413	* 1.5503	* 2.1446	*	*
	* 1.5616	* 1.4494	* 1.5619	* 1.5220	* 1.5121	* 2.0905	*	*
*****								
13	* 1.6387	* 1.5988	* 1.6067	* 1.6913	* 2.4728	*	*	*
	* 1.7283	* 1.6584	* 1.6343	* 1.6967	* 2.4412	*	*	*
	* 1.7818	* 1.7109	* 1.6562	* 1.7062	* 2.4219	*	*	*
	* 1.8429	* 1.7448	* 1.6582	* 1.7034	* 2.3919	*	*	*
	* 1.7938	* 1.6751	* 1.5412	* 1.5900	* 2.1447	*	*	*
	* 1.7548	* 1.6461	* 1.5132	* 1.5767	* 2.0909	*	*	*
*****								
14	* 1.6249	* 1.6470	* 2.0120	* 2.6508	*	*	*	*
	* 1.6438	* 1.6664	* 2.0710	* 2.6336	*	*	*	*
	* 1.6423	* 1.6337	* 2.1131	* 2.6237	*	*	*	*
	* 1.6348	* 1.6810	* 2.1790	* 2.6572	*	*	*	*
	* 1.6353	* 1.6753	* 2.1132	* 2.5259	*	*	*	*
	* 1.6105	* 1.6466	* 2.0405	* 2.4113	*	*	*	*
*****								
15	* 2.6151	* 2.8132	* 4 EFPD	118 % POWER				
	* 2.5969	* 2.7745	* 75 EFPD	118 % POWER				
	* 2.5859	* 2.7362	* 150 EFPD	118 % POWER				
	* 2.6050	* 2.7766	* 275 EFPD	118 % POWER				
	* 2.5610	* 2.7352	* 375 EFPD	118 % POWER				
	* 2.4271	* 2.6039	* 475 EFPD	118 % POWER				
*****								

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5029	* 1.5166	* 1.6472	* 1.5444	* 1.4905	* 1.6414	* 1.6041	* 2.6007
	* 1.6023	* 1.6523	* 1.7631	* 1.5891	* 1.5548	* 1.7195	* 1.6062	* 2.5516
	* 1.6597	* 1.7489	* 1.8053	* 1.6153	* 1.6083	* 1.7669	* 1.5879	* 2.5265
	* 1.6310	* 1.7580	* 1.7536	* 1.5573	* 1.6222	* 1.8349	* 1.6131	* 2.5850
	* 1.5354	* 1.7082	* 1.6838	* 1.4832	* 1.5764	* 1.8168	* 1.6510	* 2.5949
	* 1.5584	* 1.7225	* 1.6990	* 1.5262	* 1.5937	* 1.8035	* 1.6468	* 2.4894
9	* 1.5166	* 1.5104	* 1.6402	* 1.5822	* 1.5252	* 1.5877	* 1.6222	* 2.7479
	* 1.6523	* 1.6046	* 1.7061	* 1.6531	* 1.5614	* 1.6293	* 1.6143	* 2.6780
	* 1.7489	* 1.6692	* 1.7195	* 1.6824	* 1.5693	* 1.6736	* 1.5804	* 2.6270
	* 1.7580	* 1.6269	* 1.5933	* 1.6399	* 1.5259	* 1.7114	* 1.6544	* 2.7045
	* 1.7082	* 1.5700	* 1.4849	* 1.5717	* 1.4353	* 1.6740	* 1.6846	* 2.7187
	* 1.7225	* 1.5979	* 1.5266	* 1.5911	* 1.4660	* 1.6767	* 1.6786	* 2.6271
10	* 1.6472	* 1.6369	* 1.6641	* 1.5935	* 1.5771	* 1.5808	* 1.9762	*
	* 1.7631	* 1.7041	* 1.7482	* 1.6247	* 1.6219	* 1.5846	* 2.0156	*
	* 1.8053	* 1.7199	* 1.7773	* 1.6369	* 1.6524	* 1.5997	* 2.0497	*
	* 1.7536	* 1.5935	* 1.7145	* 1.5678	* 1.6375	* 1.5989	* 2.1307	*
	* 1.6838	* 1.4848	* 1.6367	* 1.4761	* 1.5720	* 1.5187	* 2.1015	*
	* 1.6990	* 1.5265	* 1.6530	* 1.5162	* 1.5869	* 1.5281	* 2.0635	*
11	* 1.5444	* 1.5886	* 1.5961	* 1.6958	* 1.7242	* 1.6503	* 2.5901	*
	* 1.5891	* 1.6594	* 1.6270	* 1.7746	* 1.7073	* 1.6366	* 2.5461	*
	* 1.6153	* 1.6873	* 1.6405	* 1.7984	* 1.7029	* 1.6257	* 2.5249	*
	* 1.5573	* 1.6424	* 1.5706	* 1.7499	* 1.6385	* 1.6254	* 2.5645	*
	* 1.4832	* 1.5733	* 1.4767	* 1.6602	* 1.5040	* 1.5442	* 2.4573	*
	* 1.5262	* 1.5926	* 1.5168	* 1.6657	* 1.5229	* 1.5600	* 2.4049	*
12	* 1.4905	* 1.5391	* 1.5830	* 1.7274	* 1.7162	* 2.4191	*	*
	* 1.5548	* 1.5790	* 1.6277	* 1.7102	* 1.6980	* 2.3536	*	*
	* 1.6083	* 1.5858	* 1.6574	* 1.7055	* 1.7042	* 2.3123	*	*
	* 1.6222	* 1.5360	* 1.6415	* 1.6405	* 1.6669	* 2.2590	*	*
	* 1.5764	* 1.4392	* 1.5746	* 1.5045	* 1.4905	* 2.0712	*	*
	* 1.5937	* 1.4682	* 1.5887	* 1.5230	* 1.4903	* 2.0549	*	*
13	* 1.6414	* 1.5997	* 1.5878	* 1.6555	* 2.4186	*	*	*
	* 1.7195	* 1.6396	* 1.5907	* 1.6410	* 2.3546	*	*	*
	* 1.7669	* 1.6822	* 1.6052	* 1.6294	* 2.3128	*	*	*
	* 1.8349	* 1.7193	* 1.6042	* 1.6281	* 2.2587	*	*	*
	* 1.8168	* 1.6799	* 1.5219	* 1.5456	* 2.0711	*	*	*
	* 1.8035	* 1.6807	* 1.5296	* 1.5607	* 2.0548	*	*	*
14	* 1.6041	* 1.6283	* 1.9873	* 2.6038	*	*	*	*
	* 1.6062	* 1.6199	* 2.0253	* 2.5594	*	*	*	*
	* 1.5879	* 1.5853	* 2.0584	* 2.5364	*	*	*	*
	* 1.6131	* 1.6586	* 2.1378	* 2.5724	*	*	*	*
	* 1.6510	* 1.6876	* 2.1066	* 2.4625	*	*	*	*
	* 1.6468	* 1.6811	* 2.0668	* 2.4050	*	*	*	*
15	* 2.6007	* 2.7909	* 4 EFPD 118	% POWER				
	* 2.5516	* 2.7175	* 75 EFPD 118	% POWER				
	* 2.5265	* 2.6642	* 150 EFPD 118	% POWER				
	* 2.5850	* 2.7415	* 275 EFPD 118	% POWER				
	* 2.5949	* 2.7529	* 375 EFPD 118	% POWER				
	* 2.4894	* 2.6573	* 475 EFPD 118	% POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5144	* 1.5375	* 1.6713	* 1.5444	* 1.4914	* 1.6523	* 1.6079	* 2.6259
	* 1.6118	* 1.6737	* 1.7795	* 1.5812	* 1.5496	* 1.7227	* 1.5996	* 2.5564
	* 1.6631	* 1.7665	* 1.8146	* 1.5984	* 1.5997	* 1.7673	* 1.5760	* 2.5299
	* 1.6100	* 1.7458	* 1.7357	* 1.5238	* 1.6057	* 1.8465	* 1.6402	* 2.6400
	* 1.5466	* 1.7305	* 1.7083	* 1.4953	* 1.5951	* 1.8556	* 1.7047	* 2.6803
	* 1.5821	* 1.7587	* 1.7378	* 1.5528	* 1.6276	* 1.8554	* 1.7095	* 2.5874
9	* 1.5375	* 1.5337	* 1.6618	* 1.5942	* 1.5255	* 1.5869	* 1.6232	* 2.7646
	* 1.6737	* 1.6243	* 1.7196	* 1.6565	* 1.5484	* 1.6167	* 1.5969	* 2.6717
	* 1.7665	* 1.6796	* 1.7181	* 1.6770	* 1.5502	* 1.6580	* 1.5658	* 2.6161
	* 1.7458	* 1.6133	* 1.5665	* 1.6260	* 1.4944	* 1.7048	* 1.6736	* 2.7469
	* 1.7305	* 1.5920	* 1.5060	* 1.5985	* 1.4422	* 1.6969	* 1.7291	* 2.7959
	* 1.7587	* 1.6353	* 1.5615	* 1.6319	* 1.4893	* 1.7151	* 1.7330	* 2.7166
10	* 1.6713	* 1.6581	* 1.6851	* 1.6029	* 1.5786	* 1.5642	* 1.9690	
	* 1.7795	* 1.7175	* 1.7693	* 1.6188	* 1.6124	* 1.5562	* 1.9940	
	* 1.8146	* 1.7187	* 1.7887	* 1.6179	* 1.6349	* 1.5652	* 2.0245	
	* 1.7357	* 1.5667	* 1.7046	* 1.5340	* 1.6112	* 1.5662	* 2.1248	
	* 1.7083	* 1.5059	* 1.6703	* 1.4887	* 1.5843	* 1.5182	* 2.1260	
	* 1.7378	* 1.5613	* 1.7008	* 1.5442	* 1.6147	* 1.5429	* 2.1016	
11	* 1.5444	* 1.6014	* 1.6060	* 1.7063	* 1.7118	* 1.6336	* 2.5655	
	* 1.5812	* 1.6641	* 1.6223	* 1.7771	* 1.6805	* 1.6046	* 2.4974	
	* 1.5984	* 1.6840	* 1.6221	* 1.7877	* 1.6659	* 1.5832	* 2.4661	
	* 1.5238	* 1.6287	* 1.5371	* 1.7247	* 1.5858	* 1.5781	* 2.5081	
	* 1.4953	* 1.6003	* 1.4900	* 1.6729	* 1.4946	* 1.5401	* 2.4475	
	* 1.5528	* 1.6334	* 1.5448	* 1.6838	* 1.5313	* 1.5706	* 2.4089	
12	* 1.4914	* 1.5404	* 1.5854	* 1.7159	* 1.7023	* 2.4070		
	* 1.5496	* 1.5672	* 1.6190	* 1.6837	* 1.6690	* 2.3176		
	* 1.5997	* 1.5667	* 1.6406	* 1.6688	* 1.6643	* 2.2599		
	* 1.6057	* 1.5035	* 1.6155	* 1.5879	* 1.6067	* 2.1787		
	* 1.5951	* 1.4460	* 1.5868	* 1.4950	* 1.4774	* 2.0546		
	* 1.6276	* 1.4913	* 1.6165	* 1.5314	* 1.4991	* 2.0608		
13	* 1.6523	* 1.5983	* 1.5721	* 1.6393	* 2.4067			
	* 1.7227	* 1.6281	* 1.5631	* 1.6094	* 2.3186			
	* 1.7673	* 1.6676	* 1.5712	* 1.5870	* 2.2600			
	* 1.8465	* 1.7132	* 1.5719	* 1.5808	* 2.1787			
	* 1.8556	* 1.7028	* 1.5200	* 1.5412	* 2.0541			
	* 1.8554	* 1.7192	* 1.5436	* 1.5711	* 2.0605			
14	* 1.6079	* 1.6300	* 1.9812	* 2.5800				
	* 1.5996	* 1.6031	* 2.0045	* 2.5113				
	* 1.5760	* 1.5712	* 2.0338	* 2.4780				
	* 1.6402	* 1.6779	* 2.1322	* 2.5160				
	* 1.7047	* 1.7321	* 2.1310	* 2.4525				
	* 1.7095	* 1.7355	* 2.1049	* 2.4087				
15	* 2.6259	* 2.8063	* 4 EFPD	118 % POWER				
	* 2.5565	* 2.7135	* 75 EFPD	118 % POWER				
	* 2.5299	* 2.6584	* 150 EFPD	118 % POWER				
	* 2.6400	* 2.7859	* 275 EFPD	118 % POWER				
	* 2.6803	* 2.8293	* 375 EFPD	118 % POWER				
	* 2.5873	* 2.7457	* 475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 224 of 306

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5203	* 1.5481	* 1.6820	* 1.5368	* 1.4820	* 1.6438	* 1.5890	* 2.6412
	* 1.6120	* 1.6809	* 1.7816	* 1.5643	* 1.5336	* 1.7081	* 1.5705	* 2.5545
	* 1.6541	* 1.7672	* 1.8078	* 1.5716	* 1.5781	* 1.7507	* 1.5392	* 2.5251
	* 1.5711	* 1.7324	* 1.7105	* 1.4770	* 1.5785	* 1.8426	* 1.6389	* 2.6776
	* 1.5445	* 1.7434	* 1.7189	* 1.4985	* 1.6078	* 1.8738	* 1.7256	* 2.7492
	* 1.5739	* 1.7667	* 1.7454	* 1.5547	* 1.6370	* 1.8755	* 1.7296	* 2.6514
9	* 1.5481	* 1.5367	* 1.6594	* 1.5967	* 1.5141	* 1.5735	* 1.6012	* 2.7891
	* 1.6809	* 1.6233	* 1.7131	* 1.6516	* 1.5253	* 1.5944	* 1.5596	* 2.6798
	* 1.7672	* 1.6712	* 1.6913	* 1.6630	* 1.5187	* 1.6310	* 1.5298	* 2.6249
	* 1.7324	* 1.5920	* 1.5210	* 1.6019	* 1.4464	* 1.6815	* 1.6665	* 2.7970
	* 1.7434	* 1.6030	* 1.5080	* 1.6089	* 1.4403	* 1.7089	* 1.7439	* 2.8789
	* 1.7667	* 1.6474	* 1.5683	* 1.6477	* 1.4931	* 1.7291	* 1.7471	* 2.7915
10	* 1.6820	* 1.6556	* 1.7142	* 1.5898	* 1.5742	* 1.5440	* 1.9665	*
	* 1.7816	* 1.7124	* 1.7672	* 1.5938	* 1.6006	* 1.5254	* 1.9806	*
	* 1.8078	* 1.6921	* 1.7778	* 1.5848	* 1.6169	* 1.5279	* 2.0085	*
	* 1.7105	* 1.5214	* 1.6852	* 1.4837	* 1.5780	* 1.5184	* 2.1298	*
	* 1.7189	* 1.5079	* 1.6839	* 1.4916	* 1.5941	* 1.5062	* 2.1601	*
	* 1.7454	* 1.5681	* 1.7183	* 1.5488	* 1.6258	* 1.5415	* 2.1403	*
11	* 1.5368	* 1.6045	* 1.5933	* 1.7161	* 1.6971	* 1.6176	* 2.5982	*
	* 1.5643	* 1.6598	* 1.5976	* 1.7620	* 1.6553	* 1.5779	* 2.5111	*
	* 1.5716	* 1.6694	* 1.5893	* 1.7684	* 1.6321	* 1.5452	* 2.4709	*
	* 1.4770	* 1.6047	* 1.4869	* 1.6896	* 1.5238	* 1.5335	* 2.4985	*
	* 1.4985	* 1.6105	* 1.4927	* 1.6754	* 1.4816	* 1.5294	* 2.4826	*
	* 1.5547	* 1.6491	* 1.5489	* 1.6890	* 1.5331	* 1.5710	* 2.4462	*
12	* 1.4820	* 1.5294	* 1.5817	* 1.7019	* 1.6892	* 2.4353	*	*
	* 1.5336	* 1.5448	* 1.6078	* 1.6587	* 1.6452	* 2.3267	*	*
	* 1.5781	* 1.5362	* 1.6231	* 1.6351	* 1.6328	* 2.2609	*	*
	* 1.5785	* 1.4540	* 1.5826	* 1.5258	* 1.5544	* 2.1673	*	*
	* 1.6078	* 1.4439	* 1.5966	* 1.4818	* 1.4608	* 2.0835	*	*
	* 1.6370	* 1.4949	* 1.6275	* 1.5331	* 1.5003	* 2.1061	*	*
13	* 1.6438	* 1.5861	* 1.5524	* 1.6237	* 2.4344	*	*	*
	* 1.7081	* 1.6067	* 1.5327	* 1.5829	* 2.3273	*	*	*
	* 1.7507	* 1.6413	* 1.5343	* 1.5492	* 2.2609	*	*	*
	* 1.8426	* 1.6905	* 1.5242	* 1.5360	* 2.1662	*	*	*
	* 1.8738	* 1.7149	* 1.5077	* 1.5302	* 2.0823	*	*	*
	* 1.8755	* 1.7331	* 1.5419	* 1.5713	* 2.1053	*	*	*
14	* 1.5890	* 1.6084	* 1.9796	* 2.6144	*	*	*	*
	* 1.5705	* 1.5662	* 1.9919	* 2.5258	*	*	*	*
	* 1.5392	* 1.5354	* 2.0183	* 2.4831	*	*	*	*
	* 1.6389	* 1.6711	* 2.1374	* 2.5059	*	*	*	*
	* 1.7256	* 1.7469	* 2.1646	* 2.4869	*	*	*	*
	* 1.7296	* 1.7496	* 2.1433	* 2.4454	*	*	*	*
15	* 2.6412	* 2.8374	* 4 EFPD 118	% POWER				
	* 2.5545	* 2.7242	* 75 EFPD 118	% POWER				
	* 2.5251	* 2.6623	* 150 EFPD 118	% POWER				
	* 2.6776	* 2.8317	* 275 EFPD 118	% POWER				
	* 2.7492	* 2.9113	* 375 EFPD 118	% POWER				
	* 2.6514	* 2.8237	* 475 EFPD 118	% POWER				



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5698	* 1.5989	* 1.7365	* 1.5747	* 1.5131	* 1.6794	* 1.6067	* 2.6772
	* 1.6608	* 1.7334	* 1.8318	* 1.5970	* 1.5613	* 1.7399	* 1.5775	* 2.5722
	* 1.6974	* 1.8169	* 1.8513	* 1.5968	* 1.6030	* 1.7806	* 1.5376	* 2.5345
	* 1.5816	* 1.7487	* 1.7183	* 1.4761	* 1.5872	* 1.8605	* 1.6633	* 2.7381
	* 1.5834	* 1.8001	* 1.7729	* 1.5339	* 1.6496	* 1.9286	* 1.7611	* 2.8054
	* 1.5896	* 1.7877	* 1.7642	* 1.5690	* 1.6557	* 1.8941	* 1.7519	* 2.6923
9	* 1.5989	* 1.5812	* 1.7099	* 1.6414	* 1.5495	* 1.6037	* 1.6210	* 2.8284
	* 1.7334	* 1.6665	* 1.7520	* 1.6915	* 1.5514	* 1.6187	* 1.5652	* 2.6991
	* 1.8169	* 1.7088	* 1.7208	* 1.6957	* 1.5383	* 1.6526	* 1.5329	* 2.6353
	* 1.7487	* 1.5915	* 1.5090	* 1.5998	* 1.4406	* 1.6884	* 1.6862	* 2.8565
	* 1.8001	* 1.6477	* 1.5475	* 1.6571	* 1.4710	* 1.7470	* 1.7817	* 2.9292
	* 1.7877	* 1.6590	* 1.5770	* 1.6613	* 1.5040	* 1.7420	* 1.7658	* 2.8299
10	* 1.7365	* 1.7058	* 1.7644	* 1.6262	* 1.6118	* 1.5702	* 2.0036	*
	* 1.8318	* 1.7536	* 1.8097	* 1.6230	* 1.6330	* 1.5437	* 2.0074	*
	* 1.8513	* 1.7217	* 1.8137	* 1.6071	* 1.6443	* 1.5414	* 2.0315	*
	* 1.7183	* 1.5093	* 1.6856	* 1.4744	* 1.5828	* 1.5170	* 2.1420	*
	* 1.7729	* 1.5472	* 1.7340	* 1.5211	* 1.6329	* 1.5275	* 2.2070	*
	* 1.7642	* 1.5768	* 1.7349	* 1.5581	* 1.6442	* 1.5608	* 2.1513	*
11	* 1.5747	* 1.6500	* 1.6307	* 1.7586	* 1.7310	* 1.6471	* 2.6588	*
	* 1.5970	* 1.6995	* 1.6272	* 1.8001	* 1.6814	* 1.5974	* 2.5549	*
	* 1.5968	* 1.7029	* 1.6120	* 1.8001	* 1.6503	* 1.5575	* 2.5083	*
	* 1.4761	* 1.6028	* 1.4776	* 1.6870	* 1.5175	* 1.5376	* 2.5201	*
	* 1.5339	* 1.6587	* 1.5221	* 1.7026	* 1.5040	* 1.5545	* 2.5257	*
	* 1.5690	* 1.6628	* 1.5582	* 1.7118	* 1.5536	* 1.5936	* 2.4748	*
12	* 1.5131	* 1.5659	* 1.6201	* 1.7364	* 1.7209	* 2.4828	*	*
	* 1.5613	* 1.5722	* 1.6409	* 1.6851	* 1.6665	* 2.3567	*	*
	* 1.6030	* 1.5566	* 1.6510	* 1.6545	* 1.6517	* 2.2877	*	*
	* 1.5872	* 1.4482	* 1.5876	* 1.5195	* 1.5520	* 2.1759	*	*
	* 1.6496	* 1.4744	* 1.6353	* 1.5041	* 1.4821	* 2.1231	*	*
	* 1.6557	* 1.5058	* 1.6459	* 1.5535	* 1.5231	* 2.1346	*	*
13	* 1.6794	* 1.6175	* 1.5795	* 1.6538	* 2.4819	*	*	*
	* 1.7399	* 1.6321	* 1.5516	* 1.6029	* 2.3572	*	*	*
	* 1.7806	* 1.6638	* 1.5486	* 1.5618	* 2.2875	*	*	*
	* 1.8605	* 1.6978	* 1.5229	* 1.5400	* 2.1743	*	*	*
	* 1.9286	* 1.7531	* 1.5288	* 1.5550	* 2.1214	*	*	*
	* 1.8941	* 1.7462	* 1.5610	* 1.5937	* 2.1334	*	*	*
14	* 1.6067	* 1.6287	* 2.0178	* 2.6767	*	*	*	*
	* 1.5775	* 1.5724	* 2.0195	* 2.5705	*	*	*	*
	* 1.5376	* 1.5389	* 2.0419	* 2.5212	*	*	*	*
	* 1.6633	* 1.6909	* 2.1498	* 2.5276	*	*	*	*
	* 1.7611	* 1.7845	* 2.2116	* 2.5295	*	*	*	*
	* 1.7519	* 1.7681	* 2.1542	* 2.4737	*	*	*	*
15	* 2.6772	* 2.8770	* 4 EFPD	118 % POWER				
	* 2.5722	* 2.7413	* 75 EFPD	118 % POWER				
	* 2.5345	* 2.6732	* 150 EFPD	118 % POWER				
	* 2.7381	* 2.8941	* 275 EFPD	118 % POWER				
	* 2.8054	* 2.9656	* 375 EFPD	118 % POWER				
	* 2.6923	* 2.8623	* 475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 226 of 306

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5900	* 1.6264	* 1.7678	* 1.5870	* 1.5277	* 1.7009	* 1.6150	* 2.7381
	* 1.6810	* 1.7644	* 1.8629	* 1.6063	* 1.5758	* 1.7619	* 1.5804	* 2.6231
	* 1.7163	* 1.8507	* 1.8827	* 1.6052	* 1.6214	* 1.8088	* 1.5390	* 2.5863
	* 1.5916	* 1.7791	* 1.7448	* 1.4797	* 1.6083	* 1.8901	* 1.6617	* 2.7801
	* 1.6007	* 1.8475	* 1.8144	* 1.5489	* 1.6743	* 1.9776	* 1.7838	* 2.8969
	* 1.6036	* 1.8155	* 1.7913	* 1.5832	* 1.6785	* 1.9156	* 1.7376	* 2.7032
9	* 1.6264	* 1.6058	* 1.7281	* 1.6665	* 1.5583	* 1.6174	* 1.6281	* 2.9047
	* 1.7644	* 1.6924	* 1.7660	* 1.7149	* 1.5573	* 1.6304	* 1.5642	* 2.7640
	* 1.8507	* 1.7350	* 1.7327	* 1.7188	* 1.5439	* 1.6691	* 1.5389	* 2.7034
	* 1.7791	* 1.6091	* 1.5059	* 1.6202	* 1.4390	* 1.7093	* 1.6872	* 2.9221
	* 1.8475	* 1.6915	* 1.5736	* 1.6940	* 1.4809	* 1.7726	* 1.8021	* 3.0576
	* 1.8155	* 1.6776	* 1.5867	* 1.6858	* 1.5149	* 1.7615	* 1.7550	* 2.8662
10	* 1.7678	* 1.7240	* 1.7930	* 1.6360	* 1.6293	* 1.5738	* 2.0459	*
	* 1.8629	* 1.7687	* 1.8369	* 1.6284	* 1.6485	* 1.5425	* 2.0462	*
	* 1.8827	* 1.7338	* 1.8414	* 1.6122	* 1.6619	* 1.5405	* 2.0770	*
	* 1.7448	* 1.5063	* 1.7045	* 1.4744	* 1.6031	* 1.5175	* 2.1931	*
	* 1.8144	* 1.5734	* 1.7841	* 1.5355	* 1.6569	* 1.5419	* 2.2743	*
	* 1.7913	* 1.5865	* 1.7574	* 1.5711	* 1.6699	* 1.5715	* 2.1956	*
11	* 1.5870	* 1.6757	* 1.6409	* 1.7967	* 1.7365	* 1.6511	* 2.7342	*
	* 1.6063	* 1.7227	* 1.6328	* 1.8200	* 1.6822	* 1.5970	* 2.6187	*
	* 1.6052	* 1.7264	* 1.6175	* 1.8189	* 1.6468	* 1.5510	* 2.5718	*
	* 1.4797	* 1.6232	* 1.4776	* 1.7072	* 1.5157	* 1.5441	* 2.5995	*
	* 1.5489	* 1.6958	* 1.5360	* 1.7336	* 1.5216	* 1.5723	* 2.6133	*
	* 1.5832	* 1.6873	* 1.5714	* 1.7407	* 1.5688	* 1.6046	* 2.5516	*
12	* 1.5277	* 1.5751	* 1.6384	* 1.7421	* 1.7278	* 2.5452	*	*
	* 1.5758	* 1.5788	* 1.6571	* 1.6865	* 1.6693	* 2.4077	*	*
	* 1.6214	* 1.5594	* 1.6691	* 1.6513	* 1.6505	* 2.3323	*	*
	* 1.6083	* 1.4468	* 1.6081	* 1.5176	* 1.5490	* 2.2342	*	*
	* 1.6743	* 1.4841	* 1.6593	* 1.5216	* 1.4984	* 2.2010	*	*
	* 1.6785	* 1.5165	* 1.6717	* 1.5687	* 1.5354	* 2.2021	*	*
13	* 1.7009	* 1.6322	* 1.5836	* 1.6581	* 2.5438	*	*	*
	* 1.7619	* 1.6447	* 1.5509	* 1.6027	* 2.4079	*	*	*
	* 1.8088	* 1.6811	* 1.5477	* 1.5554	* 2.3316	*	*	*
	* 1.8901	* 1.7191	* 1.5234	* 1.5465	* 2.2321	*	*	*
	* 1.9776	* 1.7786	* 1.5429	* 1.5725	* 2.1984	*	*	*
	* 1.9156	* 1.7658	* 1.5715	* 1.6046	* 2.1998	*	*	*
14	* 1.6150	* 1.6362	* 2.0617	* 2.7506	*	*	*	*
	* 1.5804	* 1.5718	* 2.0597	* 2.6328	*	*	*	*
	* 1.5390	* 1.5451	* 2.0886	* 2.5832	*	*	*	*
	* 1.6617	* 1.6919	* 2.2016	* 2.6087	*	*	*	*
	* 1.7838	* 1.8050	* 2.2793	* 2.6170	*	*	*	*
	* 1.7376	* 1.7572	* 2.1989	* 2.5496	*	*	*	*
15	* 2.7381	* 2.9664	* 4 EFPD 118	% POWER				
	* 2.6231	* 2.8200	* 75 EFPD 118	% POWER				
	* 2.5863	* 2.7541	* 150 EFPD 118	% POWER				
	* 2.7801	* 2.9611	* 275 EFPD 118	% POWER				
	* 2.8969	* 3.0901	* 375 EFPD 118	% POWER				
	* 2.7032	* 2.8963	* 475 EFPD 118	% POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.7071	* 1.7353	* 1.8812	* 1.6944	* 1.6157	* 1.7979	* 1.7098	* 2.8400
	* 1.8058	* 1.8808	* 1.9782	* 1.7153	* 1.6647	* 1.8593	* 1.6685	* 2.7105
	* 1.8408	* 1.9671	* 1.9967	* 1.7092	* 1.7099	* 1.9004	* 1.6248	* 2.6713
	* 1.7152	* 1.8809	* 1.8577	* 1.5868	* 1.7110	* 1.9952	* 1.7741	* 2.9053
	* 1.7022	* 1.9347	* 1.9178	* 1.6485	* 1.7733	* 2.0486	* 1.8864	* 3.0053
	* 1.6938	* 1.8969	* 1.8920	* 1.6756	* 1.7709	* 2.0004	* 1.8238	* 2.7721
*****								
9	* 1.7353	* 1.7103	* 1.8594	* 1.7615	* 1.6617	* 1.7096	* 1.7266	* 2.9737
	* 1.8808	* 1.8007	* 1.8876	* 1.8176	* 1.6563	* 1.7203	* 1.6533	* 2.8191
	* 1.9671	* 1.8410	* 1.8489	* 1.8167	* 1.6400	* 1.7579	* 1.6232	* 2.7526
	* 1.8809	* 1.6995	* 1.6165	* 1.7214	* 1.5410	* 1.8173	* 1.8021	* 3.0006
	* 1.9347	* 1.7599	* 1.6636	* 1.7828	* 1.5740	* 1.8688	* 1.9027	* 3.1112
	* 1.8969	* 1.7517	* 1.6799	* 1.7762	* 1.6021	* 1.8525	* 1.8458	* 2.8884
*****								
10	* 1.8812	* 1.8544	* 1.8847	* 1.7440	* 1.7258	* 1.6700	* 2.1166	*
	* 1.9782	* 1.8906	* 1.9467	* 1.7358	* 1.7430	* 1.6350	* 2.1092	*
	* 1.9967	* 1.8501	* 1.9488	* 1.7146	* 1.7526	* 1.6326	* 2.1365	*
	* 1.8577	* 1.6169	* 1.8127	* 1.5792	* 1.7022	* 1.6244	* 2.2768	*
	* 1.9178	* 1.6632	* 1.8733	* 1.6302	* 1.7512	* 1.6409	* 2.3234	*
	* 1.8920	* 1.6796	* 1.8555	* 1.6630	* 1.7585	* 1.6607	* 2.2426	*
*****								
11	* 1.6944	* 1.7793	* 1.7494	* 1.8729	* 1.8508	* 1.7581	* 2.8028	*
	* 1.7153	* 1.8262	* 1.7408	* 1.9195	* 1.7897	* 1.6943	* 2.6743	*
	* 1.7092	* 1.8254	* 1.7204	* 1.9208	* 1.7477	* 1.6449	* 2.6204	*
	* 1.5868	* 1.7247	* 1.5827	* 1.8132	* 1.6225	* 1.6492	* 2.6718	*
	* 1.6485	* 1.7847	* 1.6310	* 1.8371	* 1.6232	* 1.6768	* 2.6674	*
	* 1.6756	* 1.7778	* 1.6632	* 1.8372	* 1.6604	* 1.6998	* 2.5900	*
*****								
12	* 1.6157	* 1.6855	* 1.7358	* 1.8571	* 1.8425	* 2.6197	*	*
	* 1.6647	* 1.6803	* 1.7525	* 1.7944	* 1.7743	* 2.4694	*	*
	* 1.7099	* 1.6543	* 1.7606	* 1.7525	* 1.7482	* 2.3773	*	*
	* 1.7110	* 1.5496	* 1.7075	* 1.6245	* 1.6557	* 2.2890	*	*
	* 1.7733	* 1.5773	* 1.7535	* 1.6231	* 1.6002	* 2.2537	*	*
	* 1.7709	* 1.6037	* 1.7602	* 1.6602	* 1.6269	* 2.2370	*	*
*****								
13	* 1.7979	* 1.7259	* 1.6810	* 1.7659	* 2.6194	*	*	*
	* 1.8593	* 1.7359	* 1.6444	* 1.7007	* 2.4707	*	*	*
	* 1.9004	* 1.7709	* 1.6408	* 1.6498	* 2.3780	*	*	*
	* 1.9952	* 1.8277	* 1.6309	* 1.6517	* 2.2879	*	*	*
	* 2.0486	* 1.8748	* 1.6416	* 1.6768	* 2.2516	*	*	*
	* 2.0004	* 1.8568	* 1.6606	* 1.6995	* 2.2356	*	*	*
*****								
14	* 1.7098	* 1.7358	* 2.1331	* 2.8224	*	*	*	*
	* 1.6685	* 1.6616	* 2.1231	* 2.6918	*	*	*	*
	* 1.6248	* 1.6299	* 2.1482	* 2.6347	*	*	*	*
	* 1.7741	* 1.8071	* 2.2851	* 2.6798	*	*	*	*
	* 1.8864	* 1.9056	* 2.3278	* 2.6710	*	*	*	*
	* 1.8238	* 1.8481	* 2.2454	* 2.5887	*	*	*	*
*****								
15	* 2.8400	* 3.0270	* 4 EFPD	118 % POWER				
	* 2.7105	* 2.8680	* 75 EFPD	118 % POWER				
	* 2.6713	* 2.7974	* 150 EFPD	118 % POWER				
	* 2.9053	* 3.0426	* 275 EFPD	118 % POWER				
	* 3.0053	* 3.1466	* 375 EFPD	118 % POWER				
	* 2.7721	* 2.9188	* 475 EFPD	118 % POWER				
*****								

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 228 of 306

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7451	1.7866	1.9431	1.7226	1.6474	1.8379	1.7199	2.9313
	1.8440	1.9391	2.0431	1.7415	1.6992	1.9039	1.6727	2.7942
	1.8744	2.0285	2.0572	1.7310	1.7461	1.9412	1.6231	2.7521
	1.7371	1.9571	1.9152	1.6082	1.7602	2.0823	1.8141	3.0442
	1.7414	2.0231	1.9872	1.6876	1.8287	2.1412	1.8950	3.0959
	1.7306	1.9794	1.9541	1.7128	1.8214	2.0719	1.8408	2.8639
9	1.7866	1.7560	1.8920	1.8184	1.6847	1.7394	1.7356	3.1057
	1.9391	1.8502	1.9193	1.8676	1.6767	1.7512	1.6548	2.9401
	2.0285	1.8896	1.8755	1.8651	1.6553	1.7915	1.6279	2.8705
	1.9571	1.7600	1.6354	1.7736	1.5567	1.8692	1.8417	3.1901
	2.0231	1.8337	1.6992	1.8455	1.6067	1.9204	1.9141	3.2483
	1.9794	1.8217	1.7178	1.8366	1.6327	1.8993	1.8619	3.0273
10	1.9431	1.8872	1.9581	1.7701	1.7652	1.6857	2.2013	
	2.0431	1.9227	2.0060	1.7595	1.7848	1.6478	2.1943	
	2.0572	1.8769	2.0045	1.7344	1.7944	1.6425	2.2244	
	1.9152	1.6357	1.8680	1.5975	1.7496	1.6413	2.3965	
	1.9872	1.6988	1.9376	1.6679	1.8113	1.6706	2.4353	
	1.9541	1.7175	1.9169	1.7001	1.8141	1.6862	2.3497	
11	1.7226	1.8295	1.7758	1.9531	1.8714	1.7746	2.9577	
	1.7415	1.8767	1.7648	1.9784	1.8082	1.7102	2.8218	
	1.7310	1.8744	1.7406	1.9698	1.7601	1.6523	2.7638	
	1.6082	1.7770	1.6010	1.8635	1.6339	1.6676	2.8236	
	1.6876	1.8473	1.6685	1.9025	1.6589	1.7074	2.8338	
	1.7128	1.8382	1.7001	1.8935	1.6924	1.7229	2.7413	
12	1.6474	1.7060	1.7760	1.8780	1.8626	2.7460		
	1.6993	1.7015	1.7950	1.8133	1.7943	2.5908		
	1.7461	1.6678	1.8030	1.7652	1.7671	2.5011		
	1.7602	1.5650	1.7551	1.6357	1.6576	2.4048		
	1.8287	1.6099	1.8136	1.6588	1.6292	2.3977		
	1.8214	1.6341	1.8159	1.6921	1.6514	2.3687		
13	1.8379	1.7570	1.6972	1.7827	2.7444			
	1.9039	1.7679	1.6577	1.7169	2.5908			
	1.9412	1.8056	1.6509	1.6571	2.5002			
	2.0823	1.8798	1.6476	1.6698	2.4020			
	2.1412	1.9267	1.6710	1.7072	2.3939			
	2.0719	1.9039	1.6859	1.7225	2.3657			
14	1.7199	1.7450	2.2194	2.9766				
	1.6727	1.6635	2.2097	2.8379				
	1.6231	1.6348	2.2375	2.7766				
	1.8141	1.8468	2.4050	2.8311				
	1.8950	1.9169	2.4394	2.8366				
	1.8408	1.8640	2.3524	2.7392				
15	2.9313	3.1724	4 EFPD 118	% POWER				
	2.7942	2.9990	75 EFPD 118	% POWER				
	2.7521	2.9192	150 EFPD 118	% POWER				
	3.0442	3.2311	275 EFPD 118	% POWER				
	3.0959	3.2842	375 EFPD 118	% POWER				
	2.8639	3.0528	475 EFPD 118	% POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 13 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.7803	* 1.8232	* 1.9785	* 1.7667	* 1.7044	* 1.9064	* 1.7895	* 3.0494
	* 1.8995	* 1.9946	* 2.0984	* 1.8000	* 1.7696	* 1.9873	* 1.7423	* 2.9094
	* 1.9419	* 2.1022	* 2.1334	* 1.8097	* 1.8270	* 2.0326	* 1.6925	* 2.8695
	* 1.8232	* 2.0495	* 2.0091	* 1.6858	* 1.8499	* 2.1891	* 1.8978	* 3.1803
	* 1.7963	* 2.0782	* 2.0459	* 1.7538	* 1.9069	* 2.2462	* 1.9892	* 3.2404
	* 1.7564	* 2.0077	* 1.9816	* 1.7426	* 1.8593	* 2.1333	* 1.9201	* 2.9983
*****								
9	* 1.8232	* 1.7932	* 1.9281	* 1.8663	* 1.7330	* 1.8090	* 1.8063	* 3.2252
	* 1.9946	* 1.9049	* 1.9763	* 1.9308	* 1.7437	* 1.8275	* 1.7223	* 3.0552
	* 2.1022	* 1.9639	* 1.9510	* 1.9512	* 1.7264	* 1.8719	* 1.6987	* 2.9870
	* 2.0495	* 1.8449	* 1.7143	* 1.8658	* 1.6287	* 1.9601	* 1.9249	* 3.3174
	* 2.0782	* 1.8865	* 1.7574	* 1.9118	* 1.6815	* 2.0251	* 2.0110	* 3.3927
	* 2.0077	* 1.8477	* 1.7449	* 1.8674	* 1.6686	* 1.9551	* 1.9395	* 3.1583
*****								
10	* 1.9785	* 1.9233	* 2.0082	* 1.8199	* 1.8205	* 1.7515	* 2.2882	*
	* 2.0984	* 1.9801	* 2.0705	* 1.8214	* 1.8519	* 1.7147	* 2.2832	*
	* 2.1334	* 1.9525	* 2.0901	* 1.8100	* 1.8745	* 1.7099	* 2.3179	*
	* 2.0091	* 1.7146	* 1.9661	* 1.6730	* 1.8378	* 1.7143	* 2.5049	*
	* 2.0459	* 1.7570	* 2.0072	* 1.7396	* 1.8935	* 1.7675	* 2.5663	*
	* 1.9816	* 1.7445	* 1.9516	* 1.7327	* 1.8526	* 1.7356	* 2.4311	*
*****								
11	* 1.7667	* 1.8778	* 1.8263	* 1.9974	* 1.9350	* 1.8409	* 3.0613	*
	* 1.8000	* 1.9405	* 1.8271	* 2.0421	* 1.8786	* 1.7759	* 2.9213	*
	* 1.8097	* 1.9604	* 1.8165	* 2.0550	* 1.8290	* 1.7152	* 2.8622	*
	* 1.6858	* 1.8694	* 1.6766	* 1.9589	* 1.7078	* 1.7428	* 2.9509	*
	* 1.7538	* 1.9135	* 1.7401	* 1.9946	* 1.7494	* 1.8071	* 2.9905	*
	* 1.7426	* 1.8691	* 1.7327	* 1.9349	* 1.7328	* 1.7757	* 2.8384	*
*****								
12	* 1.7044	* 1.7527	* 1.8322	* 1.9424	* 1.9268	* 2.8291	*	*
	* 1.7696	* 1.7691	* 1.8629	* 1.8839	* 1.8614	* 2.6795	*	*
	* 1.8270	* 1.7397	* 1.8836	* 1.8342	* 1.8336	* 2.5861	*	*
	* 1.8499	* 1.6374	* 1.8436	* 1.7096	* 1.7278	* 2.5092	*	*
	* 1.9069	* 1.6848	* 1.8958	* 1.7492	* 1.7252	* 2.5257	*	*
	* 1.8593	* 1.6702	* 1.8543	* 1.7324	* 1.6964	* 2.4293	*	*
*****								
13	* 1.9064	* 1.8279	* 1.7636	* 1.8494	* 2.8266	*	*	*
	* 1.9873	* 1.8453	* 1.7252	* 1.7829	* 2.6794	*	*	*
	* 2.0326	* 1.8869	* 1.7185	* 1.7201	* 2.5849	*	*	*
	* 2.1891	* 1.9713	* 1.7208	* 1.7449	* 2.5059	*	*	*
	* 2.2462	* 2.0316	* 1.7676	* 1.8066	* 2.5221	*	*	*
	* 2.1333	* 1.9599	* 1.7356	* 1.7751	* 2.4265	*	*	*
*****								
14	* 1.7895	* 1.8164	* 2.3068	* 3.0800	*	*	*	*
	* 1.7423	* 1.7316	* 2.2989	* 2.9387	*	*	*	*
	* 1.6925	* 1.7059	* 2.3309	* 2.8779	*	*	*	*
	* 1.8978	* 1.9301	* 2.5137	* 2.9585	*	*	*	*
	* 1.9892	* 2.0138	* 2.5704	* 2.9930	*	*	*	*
	* 1.9201	* 1.9418	* 2.4339	* 2.8361	*	*	*	*
*****								
15	* 3.0494	* 3.2872	* 4 EFPD 118	% POWER				
	* 2.9094	* 3.1101	* 75 EFPD 118	% POWER				
	* 2.8695	* 3.0345	* 150 EFPD 118	% POWER				
	* 3.1803	* 3.3580	* 275 EFPD 118	% POWER				
	* 3.2404	* 3.4265	* 375 EFPD 118	% POWER				
	* 2.9983	* 3.1889	* 475 EFPD 118	% POWER				
*****								

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7895	1.8249	1.9721	1.7690	1.6957	1.8972	1.7977	3.0476
	1.9059	1.9903	2.0882	1.7976	1.7535	1.9681	1.7525	2.8945
	1.9515	2.0934	2.1158	1.7979	1.8169	2.0386	1.7236	2.8828
	1.8165	2.0011	1.9828	1.6906	1.8520	2.1862	1.9854	3.3039
	1.8077	2.0633	2.0564	1.7700	1.9201	2.2260	2.0345	3.2878
	1.7687	1.9981	1.9969	1.7574	1.8734	2.1282	1.9331	2.9987
9	1.8249	1.7932	1.9405	1.8561	1.7371	1.7998	1.8124	3.1882
	1.9903	1.8991	1.9745	1.9177	1.7364	1.8137	1.7320	3.0045
	2.0934	1.9493	1.9429	1.9279	1.7285	1.8730	1.7277	2.9647
	2.0011	1.8023	1.7073	1.8463	1.6460	1.9933	2.0103	3.4010
	2.0633	1.8723	1.7722	1.9204	1.6975	2.0370	2.0554	3.3968
	1.9981	1.8393	1.7593	1.8789	1.6822	1.9677	1.9551	3.1194
10	1.9721	1.9352	1.9830	1.8188	1.8118	1.7497	2.2505	
	2.0882	1.9784	2.0528	1.8142	1.8345	1.7143	2.2412	
	2.1158	1.9446	2.0676	1.8015	1.8577	1.7241	2.2959	
	1.9828	1.7077	1.9413	1.6815	1.8397	1.7590	2.5360	
	2.0564	1.7717	2.0162	1.7551	1.9028	1.7857	2.5471	
	1.9969	1.7589	1.9653	1.7472	1.8633	1.7500	2.4032	
11	1.7690	1.8746	1.8255	1.9652	1.9302	1.8367	2.9921	
	1.7976	1.9278	1.8202	2.0184	1.8667	1.7688	2.8435	
	1.7979	1.9381	1.8084	2.0324	1.8380	1.7347	2.8186	
	1.6906	1.8495	1.6850	1.9449	1.7304	1.7902	2.9575	
	1.7700	1.9221	1.7555	2.0034	1.7633	1.8297	2.9488	
	1.7574	1.8806	1.7470	1.9477	1.7458	1.7918	2.7909	
12	1.6957	1.7578	1.8240	1.9380	1.9201	2.7701		
	1.7535	1.7630	1.8458	1.8719	1.8468	2.5981		
	1.8169	1.7444	1.8673	1.8437	1.8354	2.5301		
	1.8520	1.6549	1.8453	1.7322	1.7645	2.4832		
	1.9201	1.7007	1.9049	1.7630	1.7400	2.4758		
	1.8734	1.6837	1.8650	1.7455	1.7105	2.3836		
13	1.8972	1.8197	1.7630	1.8462	2.7697			
	1.9681	1.8323	1.7257	1.7765	2.5997			
	2.0386	1.8885	1.7334	1.7402	2.5303			
	2.1862	2.0050	1.7657	1.7923	2.4811			
	2.2260	2.0433	1.7857	1.8289	2.4725			
	2.1282	1.9724	1.7493	1.7911	2.3812			
14	1.7977	1.8233	2.2707	3.0172				
	1.7525	1.7420	2.2582	2.8647				
	1.7236	1.7354	2.3098	2.8356				
	1.9854	2.0158	2.5451	2.9659				
	2.0345	2.0582	2.5511	2.9515				
	1.9331	1.9574	2.4058	2.7888				
15	3.0476	3.2477	4 EFPD	118 % POWER				
	2.8945	3.0598	75 EFPD	118 % POWER				
	2.8828	3.0149	150 EFPD	118 % POWER				
	3.3039	3.4494	275 EFPD	118 % POWER				
	3.2878	3.4374	375 EFPD	118 % POWER				
	2.9987	3.1541	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7054	1.7557	1.8971	1.6838	1.6177	1.8133	1.6954	2.9450
	1.8169	1.9121	2.0055	1.7010	1.6675	1.8760	1.6411	2.7804
	1.8707	2.0293	2.0522	1.7151	1.7453	1.9560	1.6181	2.7925
	1.7340	1.9684	1.9188	1.6085	1.7881	2.1536	1.8986	3.2414
	1.7514	2.0391	2.0126	1.7293	1.8891	2.2231	1.9763	3.2476
	1.7301	1.9910	1.9682	1.7287	1.8537	2.1259	1.8864	2.9870
9	1.7557	1.7194	1.8385	1.7891	1.6463	1.7131	1.7078	3.1158
	1.9121	1.8175	1.8707	1.8345	1.6395	1.7195	1.6193	2.9197
	2.0293	1.8853	1.8585	1.8623	1.6422	1.7947	1.6284	2.9084
	1.9684	1.7537	1.6209	1.7842	1.5631	1.9242	1.9224	3.3878
	2.0391	1.8543	1.7250	1.8894	1.6553	2.0045	1.9969	3.4036
	1.9910	1.8306	1.7253	1.8603	1.6517	1.9464	1.9078	3.1516
10	1.8971	1.8344	1.9191	1.7293	1.7345	1.6546	2.1902	
	2.0055	1.8748	1.9676	1.7142	1.7498	1.6103	2.1697	
	2.0522	1.8603	1.9984	1.7158	1.7886	1.6310	2.2471	
	1.9188	1.6212	1.8737	1.5973	1.7761	1.6702	2.5069	
	2.0126	1.7245	1.9744	1.7143	1.8789	1.7364	2.5620	
	1.9682	1.7249	1.9361	1.7187	1.8510	1.7130	2.4331	
11	1.6838	1.8013	1.7360	1.9122	1.8304	1.7385	2.9610	
	1.7010	1.8447	1.7202	1.9324	1.7592	1.6642	2.7978	
	1.7151	1.8726	1.7229	1.9590	1.7412	1.6385	2.7964	
	1.6085	1.7874	1.6004	1.8771	1.6397	1.7013	2.9473	
	1.7293	1.8910	1.7145	1.9753	1.7165	1.7769	2.9843	
	1.7287	1.8618	1.7184	1.9311	1.7125	1.7504	2.8426	
12	1.6177	1.6662	1.7470	1.8381	1.8217	2.7240		
	1.6675	1.6653	1.7614	1.7650	1.7426	2.5419		
	1.7453	1.6562	1.7986	1.7470	1.7454	2.4987		
	1.7881	1.5712	1.7816	1.6412	1.6641	2.4585		
	1.8891	1.6581	1.8809	1.7160	1.6868	2.5059		
	1.8537	1.6528	1.8526	1.7120	1.6715	2.4275		
13	1.8133	1.7332	1.6679	1.7480	2.7227			
	1.8760	1.7381	1.6214	1.6719	2.5421			
	1.9560	1.8108	1.6403	1.6439	2.4977			
	2.1536	1.9361	1.6752	1.7031	2.4554			
	2.2231	2.0108	1.7360	1.7759	2.5013			
	2.1259	1.9512	1.7120	1.7494	2.4235			
14	1.6954	1.7184	2.2112	2.9831				
	1.6411	1.6291	2.1872	2.8164				
	1.6181	1.6360	2.2619	2.8108				
	1.8986	1.9276	2.5165	2.9547				
	1.9763	1.9994	2.5664	2.9856				
	1.8864	1.9099	2.4354	2.8396				
15	2.9450	3.1859	4	EFPD 118	% POWER			
	2.7804	2.9817	75	EFPD 118	% POWER			
	2.7925	2.9612	150	EFPD 118	% POWER			
	3.2414	3.4323	275	EFPD 118	% POWER			
	3.2476	3.4428	375	EFPD 118	% POWER			
	2.9870	3.1843	475	EFPD 118	% POWER			

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6621	* 1.7171	* 1.8557	* 1.6387	* 1.5725	* 1.7649	* 1.6363	* 2.8670
	* 1.7816	* 1.8792	* 1.9681	* 1.6569	* 1.6228	* 1.8283	* 1.5791	* 2.7043
	* 1.8241	* 1.9858	* 2.0035	* 1.6694	* 1.7016	* 1.9034	* 1.5595	* 2.7167
	* 1.6922	* 1.9321	* 1.8787	* 1.5654	* 1.7503	* 2.1154	* 1.8511	* 3.1809
	* 1.7128	* 2.0050	* 1.9782	* 1.6941	* 1.8558	* 2.1861	* 1.9327	* 3.1825
	* 1.7127	* 1.9765	* 1.9551	* 1.7140	* 1.8419	* 2.1088	* 1.8654	* 2.9484
9	* 1.7171	* 1.6776	* 1.7902	* 1.7481	* 1.5993	* 1.6629	* 1.6485	* 3.0392
	* 1.8792	* 1.7808	* 1.8250	* 1.7950	* 1.5931	* 1.6699	* 1.5581	* 2.8456
	* 1.9858	* 1.8398	* 1.8123	* 1.8211	* 1.5929	* 1.7461	* 1.5714	* 2.8352
	* 1.9321	* 1.7159	* 1.5754	* 1.7464	* 1.5192	* 1.8825	* 1.8737	* 3.3316
	* 2.0050	* 1.8203	* 1.6872	* 1.8583	* 1.6280	* 1.9703	* 1.9535	* 3.3513
	* 1.9765	* 1.8169	* 1.7096	* 1.8504	* 1.6429	* 1.9329	* 1.8865	* 3.1273
10	* 1.8557	* 1.7877	* 1.8736	* 1.6808	* 1.6900	* 1.6011	* 2.1389	*
	* 1.9681	* 1.8294	* 1.9266	* 1.6673	* 1.7074	* 1.5574	* 2.1184	*
	* 2.0035	* 1.8140	* 1.9548	* 1.6676	* 1.7449	* 1.5778	* 2.1958	*
	* 1.8787	* 1.5757	* 1.8326	* 1.5527	* 1.7372	* 1.6206	* 2.4658	*
	* 1.9782	* 1.6866	* 1.9399	* 1.6839	* 1.8493	* 1.7106	* 2.5260	*
	* 1.9551	* 1.7091	* 1.9233	* 1.7073	* 1.8413	* 1.7062	* 2.4215	*
11	* 1.6387	* 1.7607	* 1.6876	* 1.8642	* 1.7749	* 1.6833	* 2.9090	*
	* 1.6569	* 1.8056	* 1.6735	* 1.8878	* 1.7061	* 1.6108	* 2.7477	*
	* 1.6694	* 1.8316	* 1.6748	* 1.9104	* 1.6846	* 1.5815	* 2.7396	*
	* 1.5654	* 1.7495	* 1.5556	* 1.8342	* 1.5899	* 1.6509	* 2.8993	*
	* 1.6941	* 1.8598	* 1.6838	* 1.9434	* 1.6928	* 1.7492	* 2.9487	*
	* 1.7140	* 1.8519	* 1.7069	* 1.9207	* 1.7083	* 1.7441	* 2.8343	*
12	* 1.5725	* 1.6192	* 1.7028	* 1.7827	* 1.7662	* 2.6698	*	*
	* 1.6228	* 1.6182	* 1.7193	* 1.7121	* 1.6905	* 2.4916	*	*
	* 1.7016	* 1.6072	* 1.7551	* 1.6904	* 1.6896	* 2.4413	*	*
	* 1.7503	* 1.5270	* 1.7426	* 1.5912	* 1.6080	* 2.4088	*	*
	* 1.8558	* 1.6303	* 1.8510	* 1.6922	* 1.6600	* 2.4783	*	*
	* 1.8419	* 1.6440	* 1.8427	* 1.7078	* 1.6678	* 2.4259	*	*
13	* 1.7649	* 1.6834	* 1.6146	* 1.6930	* 2.6697	*	*	*
	* 1.8283	* 1.6889	* 1.5687	* 1.6187	* 2.4927	*	*	*
	* 1.9034	* 1.7623	* 1.5872	* 1.5870	* 2.4409	*	*	*
	* 2.1154	* 1.8943	* 1.6246	* 1.6525	* 2.4052	*	*	*
	* 2.1861	* 1.9760	* 1.7098	* 1.7478	* 2.4733	*	*	*
	* 2.1088	* 1.9374	* 1.7059	* 1.7430	* 2.4205	*	*	*
14	* 1.6363	* 1.6591	* 2.1602	* 2.9314	*	*	*	*
	* 1.5791	* 1.5680	* 2.1363	* 2.7663	*	*	*	*
	* 1.5595	* 1.5790	* 2.2107	* 2.7538	*	*	*	*
	* 1.8511	* 1.8788	* 2.4751	* 2.9089	*	*	*	*
	* 1.9327	* 1.9556	* 2.5296	* 2.9518	*	*	*	*
	* 1.8654	* 1.8883	* 2.4241	* 2.8309	*	*	*	*
15	* 2.8670	* 3.1117	* 4 EFPD 118	% POWER				
	* 2.7043	* 2.9092	* 75 EFPD 118	% POWER				
	* 2.7167	* 2.8934	* 150 EFPD 118	% POWER				
	* 3.1809	* 3.3833	* 275 EFPD 118	% POWER				
	* 3.1825	* 3.3870	* 375 EFPD 118	% POWER				
	* 2.9484	* 3.1599	* 475 EFPD 118	% POWER				



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6470	1.6999	1.8391	1.6188	1.5488	1.7415	1.6086	2.8225
	1.7757	1.8721	1.9604	1.6436	1.6045	1.8097	1.5546	2.6659
	1.8067	1.9653	1.9822	1.6509	1.6775	1.8739	1.5287	2.6661
	1.6741	1.9062	1.8563	1.5420	1.7261	2.0893	1.8216	3.1311
	1.6793	1.9741	1.9477	1.6632	1.8254	2.1524	1.8929	3.1160
	1.6807	1.9477	1.9268	1.6847	1.8131	2.0762	1.8263	2.8815
9	1.6999	1.6585	1.7720	1.7307	1.5786	1.6381	1.6215	2.9837
	1.8721	1.7714	1.8142	1.7829	1.5764	1.6494	1.5347	2.7976
	1.9653	1.8180	1.7903	1.8030	1.5695	1.7197	1.5405	2.7748
	1.9062	1.6868	1.5530	1.7229	1.4946	1.8563	1.8440	3.2687
	1.9741	1.7841	1.6559	1.8279	1.5966	1.9365	1.9131	3.2612
	1.9477	1.7873	1.6802	1.8221	1.6135	1.9003	1.8479	3.0362
10	1.8391	1.7710	1.8549	1.6592	1.6682	1.5749	2.1029	
	1.9604	1.8187	1.9166	1.6521	1.6911	1.5363	2.0865	
	1.9822	1.7922	1.9345	1.6472	1.7226	1.5517	2.1537	
	1.8563	1.5533	1.8095	1.5281	1.7116	1.5927	2.4214	
	1.9477	1.6553	1.9096	1.6527	1.8178	1.6709	2.4682	
	1.9268	1.6798	1.8952	1.6780	1.8118	1.6733	2.3639	
11	1.6188	1.7437	1.6663	1.8437	1.7508	1.6594	2.8596	
	1.6436	1.7939	1.6585	1.8731	1.6875	1.5909	2.7062	
	1.6509	1.8141	1.6546	1.8885	1.6587	1.5542	2.6862	
	1.5420	1.7260	1.5312	1.8083	1.5633	1.6212	2.8418	
	1.6632	1.8293	1.6525	1.9117	1.6537	1.7085	2.8748	
	1.6847	1.8236	1.6775	1.8913	1.6761	1.7087	2.7602	
12	1.5488	1.6002	1.6815	1.7589	1.7432	2.6245		
	1.6045	1.5997	1.7034	1.6938	1.6723	2.4536		
	1.6775	1.5841	1.7331	1.6647	1.6643	2.3921		
	1.7261	1.5026	1.7171	1.5646	1.5792	2.3544		
	1.8254	1.5987	1.8193	1.6531	1.6206	2.4110		
	1.8131	1.6144	1.8132	1.6756	1.6332	2.3634		
13	1.7415	1.6592	1.5888	1.6693	2.6234			
	1.8097	1.6676	1.5480	1.5990	2.4540			
	1.8739	1.7363	1.5614	1.5598	2.3916			
	2.0893	1.8682	1.5967	1.6227	2.3510			
	2.1524	1.9420	1.6699	1.7069	2.4053			
	2.0762	1.9046	1.6719	1.7074	2.3590			
14	1.6086	1.6324	2.1247	2.8828				
	1.5546	1.5448	2.1048	2.7255				
	1.5287	1.5483	2.1688	2.7009				
	1.8216	1.8490	2.4307	2.8487				
	1.8929	1.9152	2.4708	2.8752				
	1.8263	1.8496	2.3657	2.7567				
15	2.8225	3.0528	4 EFPD	118 % POWER				
	2.6659	2.8575	75 EFPD	118 % POWER				
	2.6661	2.8250	150 EFPD	118 % POWER				
	3.1311	3.3118	275 EFPD	118 % POWER				
	3.1160	3.2996	375 EFPD	118 % POWER				
	2.8815	3.0677	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.6736	* 1.7143	* 1.8528	* 1.6387	* 1.5580	* 1.7530	* 1.6242	* 2.8105
	* 1.7976	* 1.8863	* 1.9728	* 1.6740	* 1.6214	* 1.8256	* 1.5750	* 2.6608
	* 1.8356	* 1.9808	* 1.9959	* 1.6765	* 1.6882	* 1.8801	* 1.5429	* 2.6451
	* 1.6935	* 1.8755	* 1.8591	* 1.5582	* 1.7324	* 2.0602	* 1.8325	* 3.1020
	* 1.6794	* 1.9391	* 1.9413	* 1.6616	* 1.8204	* 2.1107	* 1.8839	* 3.0612
	* 1.6837	* 1.9198	* 1.9275	* 1.6875	* 1.8118	* 2.0537	* 1.8208	* 2.8299
*****								
9	* 1.7143	* 1.6708	* 1.7990	* 1.7407	* 1.5984	* 1.6486	* 1.6395	* 2.9385
	* 1.8863	* 1.7866	* 1.8432	* 1.8057	* 1.6025	* 1.6625	* 1.5572	* 2.7585
	* 1.9808	* 1.8318	* 1.8153	* 1.8188	* 1.5894	* 1.7287	* 1.5519	* 2.7180
	* 1.8755	* 1.6733	* 1.5725	* 1.7287	* 1.5088	* 1.8622	* 1.8559	* 3.1879
	* 1.9391	* 1.7526	* 1.6560	* 1.8195	* 1.5908	* 1.9244	* 1.9053	* 3.1571
	* 1.9198	* 1.7627	* 1.6840	* 1.8193	* 1.6146	* 1.8955	* 1.8443	* 2.9382
*****								
10	* 1.8528	* 1.7993	* 1.8514	* 1.6785	* 1.6795	* 1.5889	* 2.0812	*
	* 1.9728	* 1.8477	* 1.9339	* 1.6809	* 1.7091	* 1.5573	* 2.0696	*
	* 1.9959	* 1.8173	* 1.9450	* 1.6711	* 1.7339	* 1.5674	* 2.1236	*
	* 1.8591	* 1.5729	* 1.8169	* 1.5429	* 1.7147	* 1.6062	* 2.3814	*
	* 1.9413	* 1.6554	* 1.9029	* 1.6488	* 1.8065	* 1.6628	* 2.4033	*
	* 1.9275	* 1.6835	* 1.8956	* 1.6804	* 1.8071	* 1.6684	* 2.3054	*
*****								
11	* 1.6387	* 1.7594	* 1.6860	* 1.8302	* 1.7713	* 1.6782	* 2.8036	*
	* 1.6740	* 1.8175	* 1.6877	* 1.8912	* 1.7137	* 1.6130	* 2.6602	*
	* 1.6765	* 1.8292	* 1.6790	* 1.9023	* 1.6779	* 1.5691	* 2.6265	*
	* 1.5582	* 1.7321	* 1.5463	* 1.8128	* 1.5772	* 1.6300	* 2.7737	*
	* 1.6616	* 1.8209	* 1.6485	* 1.8968	* 1.6442	* 1.7007	* 2.7825	*
	* 1.6875	* 1.8208	* 1.6798	* 1.8871	* 1.6699	* 1.7060	* 2.6754	*
*****								
12	* 1.5580	* 1.6247	* 1.6934	* 1.7798	* 1.7645	* 2.5854	*	*
	* 1.6214	* 1.6248	* 1.7220	* 1.7207	* 1.6978	* 2.4222	*	*
	* 1.6882	* 1.6048	* 1.7449	* 1.6843	* 1.6805	* 2.3434	*	*
	* 1.7324	* 1.5174	* 1.7205	* 1.5786	* 1.5938	* 2.2947	*	*
	* 1.8204	* 1.5931	* 1.8080	* 1.6436	* 1.6130	* 2.3225	*	*
	* 1.8118	* 1.6152	* 1.8082	* 1.6693	* 1.6294	* 2.2851	*	*
*****								
13	* 1.7530	* 1.6705	* 1.6035	* 1.6887	* 2.5851	*	*	*
	* 1.8256	* 1.6827	* 1.5697	* 1.6216	* 2.4239	*	*	*
	* 1.8801	* 1.7459	* 1.5781	* 1.5750	* 2.3441	*	*	*
	* 2.0602	* 1.8729	* 1.6104	* 1.6316	* 2.2920	*	*	*
	* 2.1107	* 1.9300	* 1.6615	* 1.6990	* 2.3182	*	*	*
	* 2.0537	* 1.8997	* 1.6669	* 1.7045	* 2.2819	*	*	*
*****								
14	* 1.6242	* 1.6512	* 2.1030	* 2.8307	*	*	*	*
	* 1.5750	* 1.5680	* 2.0879	* 2.6829	*	*	*	*
	* 1.5429	* 1.5600	* 2.1386	* 2.6445	*	*	*	*
	* 1.8325	* 1.8611	* 2.3902	* 2.7811	*	*	*	*
	* 1.8839	* 1.9074	* 2.4059	* 2.7833	*	*	*	*
	* 1.8208	* 1.8460	* 2.3071	* 2.6721	*	*	*	*
*****								
15	* 2.8105	* 2.9954	* 4 EFPD 118	% POWER				
	* 2.6608	* 2.8132	* 75 EFPD 118	% POWER				
	* 2.6451	* 2.7674	* 150 EFPD 118	% POWER				
	* 3.1020	* 3.2358	* 275 EFPD 118	% POWER				
	* 3.0612	* 3.1960	* 375 EFPD 118	% POWER				
	* 2.8299	* 2.9724	* 475 EFPD 118	% POWER				
*****								

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5912	1.6510	1.7901	1.5668	1.5000	1.6963	1.5510	2.7816
	1.7188	1.8217	1.9093	1.6011	1.5656	1.7696	1.5019	2.6315
	1.7588	1.9231	1.9363	1.5987	1.6269	1.8155	1.4583	2.5966
	1.6072	1.8439	1.7924	1.4765	1.6686	2.0350	1.7486	3.0591
	1.5923	1.8935	1.8643	1.5739	1.7438	2.0744	1.7887	2.9998
	1.6194	1.8955	1.8732	1.6223	1.7579	2.0182	1.7359	2.7822
9	1.6510	1.6061	1.7138	1.6860	1.5244	1.5881	1.5633	2.9466
	1.8217	1.7205	1.7587	1.7499	1.5348	1.6030	1.4821	2.7670
	1.9231	1.7702	1.7361	1.7595	1.5131	1.6617	1.4700	2.7081
	1.8439	1.6246	1.4877	1.6677	1.4286	1.7954	1.7700	3.2006
	1.8935	1.7021	1.5668	1.7488	1.5046	1.8470	1.8075	3.1555
	1.8955	1.7311	1.6182	1.7709	1.5467	1.8334	1.7565	2.9480
10	1.7901	1.7128	1.8060	1.6074	1.6230	1.5185	2.0642	
	1.9093	1.7633	1.8737	1.6110	1.6571	1.4880	2.0547	
	1.9363	1.7382	1.8845	1.5949	1.6761	1.4883	2.0993	
	1.7924	1.4881	1.7496	1.4611	1.6533	1.5196	2.3640	
	1.8643	1.5661	1.8263	1.5602	1.7335	1.5736	2.3790	
	1.8732	1.6177	1.8417	1.6133	1.7556	1.5942	2.2941	
11	1.5668	1.6989	1.6149	1.7928	1.6948	1.6044	2.8384	
	1.6011	1.7610	1.6180	1.8360	1.6405	1.5436	2.6934	
	1.5987	1.7698	1.6029	1.8418	1.5958	1.4877	2.6411	
	1.4765	1.6709	1.4644	1.7484	1.4919	1.5457	2.7846	
	1.5739	1.7501	1.5598	1.8177	1.5536	1.6072	2.7826	
	1.6223	1.7723	1.6126	1.8279	1.5984	1.6262	2.6938	
12	1.5000	1.5482	1.6373	1.7036	1.6902	2.5889		
	1.5656	1.5570	1.6704	1.6485	1.6287	2.4315		
	1.6269	1.5286	1.6874	1.6022	1.6046	2.3432		
	1.6686	1.4371	1.6593	1.4932	1.5030	2.2889		
	1.7438	1.5065	1.7348	1.5530	1.5194	2.3059		
	1.7579	1.5472	1.7567	1.5977	1.5535	2.2888		
13	1.6963	1.6107	1.5335	1.6152	2.5889			
	1.7696	1.6240	1.5008	1.5524	2.4332			
	1.8155	1.6788	1.4991	1.4937	2.3432			
	2.0350	1.8074	1.5237	1.5472	2.2854			
	2.0744	1.8525	1.5721	1.6053	2.3005			
	2.0182	1.8376	1.5925	1.6246	2.2834			
14	1.5510	1.5749	2.0878	2.8635				
	1.5019	1.4932	2.0747	2.7144				
	1.4583	1.4782	2.1156	2.6568				
	1.7486	1.7753	2.3738	2.7939				
	1.7887	1.8094	2.3820	2.7844				
	1.7359	1.7581	2.2962	2.6903				
15	2.7816	3.0206	4 EFPD	118 % POWER				
	2.6315	2.8321	75 EFPD	118 % POWER				
	2.5966	2.7664	150 EFPD	118 % POWER				
	3.0591	3.2521	275 EFPD	118 % POWER				
	2.9998	3.1915	375 EFPD	118 % POWER				
	2.7822	2.9800	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 6 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.5577	* 1.6166	* 1.7556	* 1.5338	* 1.4641	* 1.6600	* 1.5168	* 2.7393
	* 1.6964	* 1.7974	* 1.8869	* 1.5789	* 1.5378	* 1.7416	* 1.4751	* 2.6020
	* 1.7446	* 1.9081	* 1.9226	* 1.5819	* 1.6032	* 1.7882	* 1.4318	* 2.5645
	* 1.5865	* 1.8209	* 1.7672	* 1.4470	* 1.6362	* 1.9982	* 1.7013	* 2.9898
	* 1.5257	* 1.8231	* 1.7917	* 1.5006	* 1.6672	* 1.9922	* 1.7113	* 2.8951
	* 1.5612	* 1.8334	* 1.8129	* 1.5621	* 1.6957	* 1.9520	* 1.6727	* 2.6968
*****								
9	* 1.6166	* 1.5721	* 1.6817	* 1.6534	* 1.4897	* 1.5517	* 1.5284	* 2.8991
	* 1.7974	* 1.6961	* 1.7370	* 1.7271	* 1.5099	* 1.5738	* 1.4560	* 2.7337
	* 1.9081	* 1.7542	* 1.7242	* 1.7432	* 1.4920	* 1.6332	* 1.4412	* 2.6724
	* 1.8209	* 1.5990	* 1.4610	* 1.6390	* 1.3981	* 1.7574	* 1.7231	* 3.1261
	* 1.8231	* 1.6309	* 1.4941	* 1.6750	* 1.4331	* 1.7653	* 1.7290	* 3.0424
	* 1.8334	* 1.6716	* 1.5607	* 1.7135	* 1.4875	* 1.7670	* 1.6927	* 2.8554
*****								
10	* 1.7556	* 1.6785	* 1.7741	* 1.5734	* 1.5874	* 1.4833	* 2.0262	*
	* 1.8869	* 1.7417	* 1.8521	* 1.5864	* 1.6307	* 1.4613	* 2.0258	*
	* 1.9226	* 1.7264	* 1.8704	* 1.5757	* 1.6546	* 1.4633	* 2.0705	*
	* 1.7672	* 1.4615	* 1.7243	* 1.4311	* 1.6211	* 1.4842	* 2.3155	*
	* 1.7917	* 1.4934	* 1.7537	* 1.4868	* 1.6568	* 1.4973	* 2.2798	*
	* 1.8129	* 1.5601	* 1.7821	* 1.5528	* 1.6934	* 1.5312	* 2.2167	*
*****								
11	* 1.5338	* 1.6665	* 1.5811	* 1.7602	* 1.6590	* 1.5697	* 2.7953	*
	* 1.5789	* 1.7385	* 1.5935	* 1.8134	* 1.6144	* 1.5170	* 2.6650	*
	* 1.5819	* 1.7539	* 1.5839	* 1.8215	* 1.5730	* 1.4618	* 2.6142	*
	* 1.4470	* 1.6427	* 1.4348	* 1.7176	* 1.4604	* 1.5069	* 2.7349	*
	* 1.5006	* 1.6763	* 1.4864	* 1.7367	* 1.4767	* 1.5287	* 2.6694	*
	* 1.5621	* 1.7148	* 1.5520	* 1.7621	* 1.5338	* 1.5616	* 2.6062	*
*****								
12	* 1.4641	* 1.5145	* 1.6019	* 1.6678	* 1.6558	* 2.5466	*	*
	* 1.5378	* 1.5306	* 1.6442	* 1.6227	* 1.6038	* 2.4002	*	*
	* 1.6032	* 1.5080	* 1.6662	* 1.5796	* 1.5829	* 2.3152	*	*
	* 1.6362	* 1.4071	* 1.6273	* 1.4621	* 1.4708	* 2.2437	*	*
	* 1.6672	* 1.4349	* 1.6581	* 1.4760	* 1.4434	* 2.2006	*	*
	* 1.6957	* 1.4878	* 1.6944	* 1.5331	* 1.4894	* 2.2021	*	*
*****								
13	* 1.6600	* 1.5746	* 1.4985	* 1.5806	* 2.5473	*	*	*
	* 1.7416	* 1.5949	* 1.4743	* 1.5260	* 2.4020	*	*	*
	* 1.7882	* 1.6506	* 1.4744	* 1.4680	* 2.3152	*	*	*
	* 1.9982	* 1.7698	* 1.4885	* 1.5086	* 2.2402	*	*	*
	* 1.9922	* 1.7707	* 1.4958	* 1.5268	* 2.1953	*	*	*
	* 1.9520	* 1.7711	* 1.5294	* 1.5599	* 2.1966	*	*	*
*****								
14	* 1.5168	* 1.5403	* 2.0503	* 2.8208	*	*	*	*
	* 1.4751	* 1.4676	* 2.0464	* 2.6864	*	*	*	*
	* 1.4318	* 1.4499	* 2.0872	* 2.6304	*	*	*	*
	* 1.7013	* 1.7286	* 2.3255	* 2.7442	*	*	*	*
	* 1.7113	* 1.7310	* 2.2828	* 2.6716	*	*	*	*
	* 1.6727	* 1.6943	* 2.2188	* 2.6022	*	*	*	*
*****								
15	* 2.7393	* 2.9746	* 4 EFPD 118	% POWER				
	* 2.6020	* 2.8007	* 75 EFPD 118	% POWER				
	* 2.5645	* 2.7325	* 150 EFPD 118	% POWER				
	* 2.9898	* 3.1803	* 275 EFPD 118	% POWER				
	* 2.8951	* 3.0803	* 375 EFPD 118	% POWER				
	* 2.6968	* 2.8885	* 475 EFPD 118	% POWER				
*****								

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 237 of 306

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 5 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
*****								
8	* 1.5351	* 1.5972	* 1.7386	* 1.5216	* 1.4486	* 1.6456	* 1.5140	* 2.7387
	* 1.6959	* 1.7914	* 1.8876	* 1.5816	* 1.5351	* 1.7457	* 1.4890	* 2.6241
	* 1.7578	* 1.9154	* 1.9381	* 1.5978	* 1.6087	* 1.7969	* 1.4506	* 2.5898
	* 1.6032	* 1.8208	* 1.7754	* 1.4559	* 1.6347	* 1.9885	* 1.6866	* 2.9594
	* 1.4721	* 1.7598	* 1.7299	* 1.4470	* 1.6068	* 1.9223	* 1.6536	* 2.7960
	* 1.4879	* 1.7514	* 1.7321	* 1.4985	* 1.6261	* 1.8808	* 1.6197	* 2.6061
*****								
9	* 1.5972	* 1.5558	* 1.6605	* 1.6343	* 1.4707	* 1.5390	* 1.5161	* 2.8291
	* 1.7914	* 1.6942	* 1.7340	* 1.7248	* 1.5118	* 1.5779	* 1.4719	* 2.6963
	* 1.9154	* 1.7660	* 1.7486	* 1.7526	* 1.5084	* 1.6413	* 1.4545	* 2.6438
	* 1.8208	* 1.6051	* 1.4778	* 1.6422	* 1.4078	* 1.7511	* 1.7102	* 3.0370
	* 1.7598	* 1.5708	* 1.4411	* 1.6141	* 1.3818	* 1.7016	* 1.6712	* 2.8812
	* 1.7514	* 1.5949	* 1.4885	* 1.6358	* 1.4332	* 1.7072	* 1.6387	* 2.7064
*****								
10	* 1.7386	* 1.6560	* 1.7620	* 1.5633	* 1.5708	* 1.4747	* 2.0121	*
	* 1.8876	* 1.7387	* 1.8552	* 1.5914	* 1.6286	* 1.4694	* 2.0280	*
	* 1.9381	* 1.7509	* 1.8867	* 1.5929	* 1.6635	* 1.4781	* 2.0764	*
	* 1.7754	* 1.4786	* 1.7301	* 1.4407	* 1.6203	* 1.4919	* 2.2978	*
	* 1.7299	* 1.4405	* 1.6923	* 1.4335	* 1.5955	* 1.4454	* 2.1954	*
	* 1.7321	* 1.4880	* 1.7018	* 1.4930	* 1.6270	* 1.4822	* 2.1386	*
*****								
11	* 1.5216	* 1.6484	* 1.5711	* 1.7483	* 1.6501	* 1.5557	* 2.7802	*
	* 1.5816	* 1.7371	* 1.5986	* 1.8164	* 1.6266	* 1.5177	* 2.6751	*
	* 1.5978	* 1.7651	* 1.6013	* 1.8353	* 1.5934	* 1.4792	* 2.6318	*
	* 1.4559	* 1.6463	* 1.4448	* 1.7222	* 1.4718	* 1.5084	* 2.7274	*
	* 1.4470	* 1.6154	* 1.4330	* 1.6757	* 1.4245	* 1.4764	* 2.5771	*
	* 1.4985	* 1.6371	* 1.4922	* 1.7002	* 1.4840	* 1.5111	* 2.5179	*
*****								
12	* 1.4486	* 1.4940	* 1.5852	* 1.6591	* 1.6422	* 2.4778	*	*
	* 1.5351	* 1.5275	* 1.6422	* 1.6335	* 1.6060	* 2.3641	*	*
	* 1.6087	* 1.5250	* 1.6752	* 1.6002	* 1.5933	* 2.2963	*	*
	* 1.6347	* 1.4181	* 1.6269	* 1.4737	* 1.4886	* 2.2205	*	*
	* 1.6068	* 1.3837	* 1.5968	* 1.4238	* 1.3941	* 2.1040	*	*
	* 1.6261	* 1.4337	* 1.6279	* 1.4833	* 1.4412	* 2.1107	*	*
*****								
13	* 1.6456	* 1.5620	* 1.4920	* 1.5667	* 2.4788	*	*	*
	* 1.7457	* 1.5996	* 1.4828	* 1.5269	* 2.3661	*	*	*
	* 1.7969	* 1.6592	* 1.4896	* 1.4858	* 2.2965	*	*	*
	* 1.9885	* 1.7640	* 1.4967	* 1.5104	* 2.2171	*	*	*
	* 1.9223	* 1.7071	* 1.4440	* 1.4746	* 2.0987	*	*	*
	* 1.8808	* 1.7110	* 1.4804	* 1.5094	* 2.1063	*	*	*
*****								
14	* 1.5140	* 1.5278	* 2.0362	* 2.8063	*	*	*	*
	* 1.4890	* 1.4842	* 2.0489	* 2.6973	*	*	*	*
	* 1.4506	* 1.4638	* 2.0936	* 2.6491	*	*	*	*
	* 1.6866	* 1.7161	* 2.3083	* 2.7369	*	*	*	*
	* 1.6536	* 1.6735	* 2.1985	* 2.5799	*	*	*	*
	* 1.6197	* 1.6405	* 2.1405	* 2.5133	*	*	*	*
*****								
15	* 2.7387	* 2.9642	* 4 EFPD	118 % POWER				
	* 2.6241	* 2.8171	* 75 EFPD	118 % POWER				
	* 2.5898	* 2.7524	* 150 EFPD	118 % POWER				
	* 2.9594	* 3.1445	* 275 EFPD	118 % POWER				
	* 2.7960	* 2.9703	* 375 EFPD	118 % POWER				
	* 2.6061	* 2.7869	* 475 EFPD	118 % POWER				
*****								

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.5374	* 1.6042	* 1.7486	* 1.5426	* 1.4639	* 1.6652	* 1.5417	* 2.8075
	* 1.7290	* 1.8162	* 1.9219	* 1.6278	* 1.5699	* 1.7855	* 1.5561	* 2.7270
	* 1.8179	* 1.9589	* 1.9942	* 1.6665	* 1.6579	* 1.8592	* 1.5395	* 2.7059
	* 1.6791	* 1.8602	* 1.8338	* 1.5262	* 1.6803	* 2.0257	* 1.7301	* 3.0098
	* 1.4525	* 1.7181	* 1.6984	* 1.4246	* 1.5792	* 1.8877	* 1.6418	* 2.7587
	* 1.4400	* 1.6942	* 1.6785	* 1.4514	* 1.5697	* 1.8200	* 1.5887	* 2.5365
9	* 1.6042	* 1.5666	* 1.6637	* 1.6392	* 1.4769	* 1.5610	* 1.5420	* 2.9037
	* 1.8162	* 1.7262	* 1.7633	* 1.7529	* 1.5448	* 1.6231	* 1.5505	* 2.8057
	* 1.9589	* 1.8183	* 1.8096	* 1.8007	* 1.5747	* 1.6993	* 1.5324	* 2.7641
	* 1.8602	* 1.6540	* 1.5634	* 1.6929	* 1.4807	* 1.7939	* 1.7564	* 3.0999
	* 1.7181	* 1.5358	* 1.4232	* 1.5865	* 1.3684	* 1.6735	* 1.6606	* 2.8516
	* 1.6942	* 1.5438	* 1.4438	* 1.5788	* 1.3915	* 1.6489	* 1.6061	* 2.6403
10	* 1.7486	* 1.6591	* 1.7766	* 1.5923	* 1.5816	* 1.4885	* 2.0387	*
	* 1.9219	* 1.7679	* 1.8921	* 1.6424	* 1.6604	* 1.5272	* 2.0787	*
	* 1.9942	* 1.8138	* 1.9443	* 1.6645	* 1.7137	* 1.5490	* 2.1385	*
	* 1.8338	* 1.5643	* 1.7878	* 1.5129	* 1.6676	* 1.5665	* 2.3366	*
	* 1.6984	* 1.4220	* 1.6615	* 1.4116	* 1.5680	* 1.4360	* 2.1545	*
	* 1.6785	* 1.4429	* 1.6482	* 1.4457	* 1.5690	* 1.4509	* 2.0649	*
11	* 1.5426	* 1.6531	* 1.6002	* 1.7641	* 1.6703	* 1.5752	* 2.8107	*
	* 1.6278	* 1.7651	* 1.6497	* 1.8560	* 1.6833	* 1.5590	* 2.7419	*
	* 1.6665	* 1.8132	* 1.6731	* 1.8948	* 1.6761	* 1.5595	* 2.7175	*
	* 1.5262	* 1.6973	* 1.5179	* 1.7806	* 1.5533	* 1.5715	* 2.7910	*
	* 1.4246	* 1.5878	* 1.4109	* 1.6533	* 1.4144	* 1.4703	* 2.5393	*
	* 1.4514	* 1.5800	* 1.4451	* 1.6467	* 1.4470	* 1.4827	* 2.4390	*
12	* 1.4639	* 1.4979	* 1.5959	* 1.6766	* 1.6616	* 2.5066	*	*
	* 1.5699	* 1.5608	* 1.6740	* 1.6922	* 1.6479	* 2.4277	*	*
	* 1.6579	* 1.5934	* 1.7255	* 1.6833	* 1.6498	* 2.3801	*	*
	* 1.6803	* 1.4921	* 1.6747	* 1.5557	* 1.5572	* 2.2935	*	*
	* 1.5792	* 1.3715	* 1.5695	* 1.4134	* 1.3926	* 2.0768	*	*
	* 1.5697	* 1.3933	* 1.5698	* 1.4459	* 1.4135	* 2.0480	*	*
13	* 1.6652	* 1.5840	* 1.5058	* 1.5864	* 2.5080	*	*	*
	* 1.7855	* 1.6451	* 1.5427	* 1.5686	* 2.4299	*	*	*
	* 1.8592	* 1.7181	* 1.5605	* 1.5666	* 2.3807	*	*	*
	* 2.0257	* 1.8073	* 1.5721	* 1.5738	* 2.2905	*	*	*
	* 1.8877	* 1.6791	* 1.4350	* 1.4688	* 2.0720	*	*	*
	* 1.8200	* 1.6526	* 1.4493	* 1.4812	* 2.0441	*	*	*
14	* 1.5417	* 1.5543	* 2.0634	* 2.8378	*	*	*	*
	* 1.5561	* 1.5611	* 2.1002	* 2.7658	*	*	*	*
	* 1.5395	* 1.5424	* 2.1566	* 2.7363	*	*	*	*
	* 1.7301	* 1.7628	* 2.3478	* 2.8015	*	*	*	*
	* 1.6418	* 1.6631	* 2.1582	* 2.5430	*	*	*	*
	* 1.5887	* 1.6079	* 2.0669	* 2.4377	*	*	*	*
15	* 2.8075	* 3.0188	* 4 EFPD 118	% POWER				
	* 2.7270	* 2.9086	* 75 EFPD 118	% POWER				
	* 2.7059	* 2.8583	* 150 EFPD 118	% POWER				
	* 3.0098	* 3.1886	* 275 EFPD 118	% POWER				
	* 2.7587	* 2.9242	* 375 EFPD 118	% POWER				
	* 2.5365	* 2.7037	* 475 EFPD 118	% POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5999	1.6500	1.7982	1.5947	1.5156	1.7411	1.6525	2.9949
	1.8221	1.8877	1.9948	1.7105	1.6495	1.8889	1.6971	2.9624
	1.9335	2.0573	2.1025	1.7868	1.7640	2.0050	1.7156	2.9745
	1.8139	1.9783	1.9640	1.6756	1.7935	2.1497	1.8606	3.2327
	1.5094	1.7511	1.7352	1.4707	1.6145	1.9283	1.6983	2.8589
	1.4443	1.6819	1.6759	1.4564	1.5611	1.8097	1.5976	2.5603
9	1.6500	1.5981	1.7235	1.6715	1.5287	1.6259	1.6529	3.0811
	1.8877	1.7893	1.8534	1.8175	1.6449	1.7155	1.6915	3.0347
	2.0573	1.9143	1.9364	1.8992	1.6926	1.8156	1.6930	3.0244
	1.9783	1.7792	1.7239	1.8141	1.6241	1.9106	1.8927	3.3133
	1.7511	1.5727	1.4706	1.6177	1.4164	1.7131	1.7212	2.9438
	1.6819	1.5385	1.4510	1.5702	1.3949	1.6388	1.6202	2.6574
10	1.7982	1.7232	1.8162	1.6475	1.6224	1.5631	2.1508	
	1.9948	1.8578	1.9688	1.7317	1.7310	1.6315	2.2268	
	2.1025	1.9402	2.0547	1.7891	1.8144	1.6857	2.3106	
	1.9640	1.7242	1.9235	1.6653	1.7849	1.7148	2.4958	
	1.7352	1.4694	1.6981	1.4603	1.6031	1.4950	2.2190	
	1.6759	1.4500	1.6460	1.4509	1.5599	1.4560	2.0673	
11	1.5947	1.6850	1.6554	1.8127	1.7415	1.6555	2.9238	
	1.7105	1.8295	1.7391	1.9390	1.7928	1.6731	2.9065	
	1.7868	1.9116	1.7977	2.0143	1.8224	1.7089	2.9147	
	1.6756	1.8187	1.6708	1.9188	1.7194	1.7161	2.9840	
	1.4707	1.6190	1.4600	1.7043	1.4755	1.5331	2.6155	
	1.4564	1.5713	1.4503	1.6485	1.4571	1.4963	2.4393	
12	1.5156	1.5500	1.6364	1.7479	1.7315	2.5817		
	1.6495	1.6645	1.7445	1.8010	1.7519	2.5566		
	1.7640	1.7142	1.8261	1.8299	1.7844	2.5470		
	1.7935	1.6362	1.7922	1.7222	1.7089	2.4773		
	1.6145	1.4198	1.6048	1.4748	1.4663	2.1523		
	1.5611	1.3974	1.5608	1.4560	1.4290	2.0534		
13	1.7411	1.6488	1.5809	1.6670	2.5834			
	1.8889	1.7380	1.6475	1.6831	2.5593			
	2.0050	1.8348	1.6970	1.7166	2.5481			
	2.1497	1.9248	1.7225	1.7190	2.4748			
	1.9283	1.7192	1.4949	1.5320	2.1481			
	1.8097	1.6426	1.4555	1.4950	2.0500			
14	1.6525	1.6656	2.1760	2.9526				
	1.6971	1.7027	2.2491	2.9317				
	1.7156	1.7041	2.3296	2.9354				
	1.8606	1.8998	2.5077	2.9964				
	1.6983	1.7241	2.2233	2.6203				
	1.5976	1.6223	2.0695	2.4387				
15	2.9949	3.1924	4 EFPD	118 % POWER				
	2.9624	3.1368	75 EFPD	118 % POWER				
	2.9745	3.1163	150 EFPD	118 % POWER				
	3.2327	3.4012	275 EFPD	118 % POWER				
	2.8589	3.0134	375 EFPD	118 % POWER				
	2.5603	2.7139	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 240 of 306

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 2 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7435	1.9240	2.0583	1.7536	1.7743	2.0967	1.9855	3.6333
	2.0034	2.2087	2.3132	1.9303	1.9473	2.2836	2.0531	3.6557
	2.1868	2.4184	2.4691	2.0688	2.1032	2.4311	2.1242	3.7217
	2.1158	2.3283	2.3471	2.0404	2.1322	2.5558	2.3113	3.9490
	1.7839	1.9899	2.0019	1.7513	1.8465	2.2112	2.0149	3.3712
	1.6454	1.8446	1.8665	1.6563	1.7155	2.0040	1.8102	2.9122
9	1.9240	1.8198	1.8661	1.9132	1.6820	1.9048	2.0180	3.7198
	2.2087	2.0547	2.0562	2.1081	1.8315	2.0376	2.0713	3.7294
	2.4184	2.2285	2.1899	2.2360	1.9506	2.1797	2.1404	3.7633
	2.3283	2.1166	2.0719	2.1658	1.9597	2.2821	2.3435	4.0104
	1.9899	1.8091	1.7560	1.8573	1.6866	1.9710	2.0383	3.4420
	1.8446	1.6980	1.6611	1.7383	1.5846	1.8050	1.8338	2.9996
10	2.0583	1.8650	2.0557	1.7994	1.8792	1.8007	2.5969	
	2.3132	2.0580	2.2902	1.9483	2.0312	1.9007	2.7210	
	2.4691	2.1913	2.4210	2.0727	2.1566	2.0035	2.8453	
	2.3471	2.0724	2.3034	2.0349	2.1471	2.0861	3.0181	
	2.0019	1.7554	1.9612	1.7440	1.8534	1.7909	2.5916	
	1.8665	1.6600	1.8343	1.6508	1.7260	1.6521	2.3152	
11	1.7536	1.9280	1.8088	2.0804	1.9436	1.9870	3.4132	
	1.9303	2.1222	1.9575	2.2780	2.0376	2.0576	3.4513	
	2.0688	2.2482	2.0811	2.3979	2.1350	2.1154	3.5085	
	2.0404	2.1702	2.0394	2.3121	2.1028	2.1397	3.5616	
	1.7513	1.8589	1.7440	1.9758	1.7806	1.8304	3.0296	
	1.6563	1.7394	1.6502	1.8398	1.6663	1.7010	2.7126	
12	1.7743	1.7068	1.8944	1.9508	2.0322	2.9800		
	1.9473	1.8557	2.0460	2.0440	2.1003	3.0084		
	2.1032	1.9709	2.1693	2.1404	2.1827	3.0499		
	2.1322	1.9703	2.1542	2.1054	2.1314	2.9961		
	1.8465	1.6910	1.8556	1.7801	1.7755	2.5176		
	1.7155	1.5864	1.7271	1.6653	1.6421	2.3031		
13	2.0967	1.9304	1.8187	2.0004	2.9830			
	2.2836	2.0627	1.9169	2.0692	3.0124			
	2.4311	2.2013	2.0177	2.1242	3.0520			
	2.5558	2.2965	2.0948	2.1434	2.9939			
	2.2112	1.9785	1.7929	1.8296	2.5141			
	2.0040	1.8093	1.6519	1.6998	2.3004			
14	1.9855	2.0343	2.6257	3.4472				
	2.0531	2.0859	2.7466	3.4816				
	2.1242	2.1533	2.8672	3.5337				
	2.3113	2.3514	3.0302	3.5756				
	2.0149	2.0420	2.5963	3.0358				
	1.8102	1.8362	2.3174	2.7126				
15	3.6333	3.8048	4 EFPD	118 % POWER				
	3.6557	3.8111	75 EFPD	118 % POWER				
	3.7217	3.8417	150 EFPD	118 % POWER				
	3.9490	4.0875	275 EFPD	118 % POWER				
	3.3712	3.5010	375 EFPD	118 % POWER				
	2.9122	3.0470	475 EFPD	118 % POWER				



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-2 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION

THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	3.9799	4.1965	4.2703	3.9011	3.9589	4.5400	5.0296	7.9431
	4.5092	4.7539	4.7072	4.2451	4.2823	4.8379	5.1161	7.9080
	4.8931	5.1574	4.9968	4.5068	4.5570	5.0829	5.3001	8.1914
	4.6099	4.7741	4.6122	4.3083	4.3994	5.0517	5.3822	8.2437
	3.7338	3.8542	3.7303	3.5280	3.5861	4.1172	4.3732	6.6601
	3.2338	3.3328	3.2433	3.0956	3.1087	3.4896	3.6414	5.4215
9	4.1965	4.0290	4.0300	4.1077	3.9407	4.3017	5.1402	8.2147
	4.7539	4.4683	4.4107	4.4603	4.2088	4.5275	5.2216	8.1436
	5.1574	4.8073	4.7076	4.6841	4.4318	4.7922	5.4133	8.3609
	4.7741	4.4217	4.3788	4.4128	4.3349	4.7370	5.4784	8.4483
	3.8542	3.5797	3.5480	3.5767	3.5398	3.8519	4.4419	6.8635
	3.3328	3.1218	3.1162	3.1146	3.0914	3.2871	3.7003	5.6409
10	4.2703	4.0289	4.2716	4.0194	4.1522	4.4322	5.7237	
	4.7072	4.4103	4.6606	4.2939	4.4104	4.5779	5.8862	
	4.9968	4.7100	4.9040	4.5283	4.6337	4.7764	6.1652	
	4.6122	4.3770	4.5272	4.3055	4.4270	4.7045	6.1914	
	3.7303	3.5471	3.6607	3.5148	3.5942	3.8178	5.0412	
	3.2433	3.1151	3.1905	3.0866	3.1168	3.2672	4.2447	
11	3.9011	4.1355	4.0316	4.4041	4.4127	5.0607	7.4234	
	4.2451	4.4837	4.3038	4.6723	4.5409	5.0757	7.3996	
	4.5068	4.7078	4.5411	4.8908	4.7362	5.2216	7.6257	
	4.3083	4.4205	4.3109	4.5636	4.5079	4.9931	7.4234	
	3.5280	3.5798	3.5155	3.6845	3.6288	4.0078	6.0035	
	3.0956	3.1167	3.0866	3.2002	3.1492	3.4270	5.0670	
12	3.9589	3.9832	4.1830	4.4276	5.0554	6.2403		
	4.2823	4.2464	4.4368	4.5520	5.0549	6.2214		
	4.5570	4.4717	4.6582	4.7472	5.2092	6.4093		
	4.3994	4.3572	4.4400	4.5127	4.8722	6.1074		
	3.5861	3.5498	3.5983	3.6286	3.8663	4.9256		
	3.1087	3.0962	3.1190	3.1481	3.3120	4.2319		
13	4.5400	4.3492	4.4722	5.0890	6.2458			
	4.8379	4.5697	4.6094	5.0963	6.2287			
	5.0829	4.8307	4.8078	5.2414	6.4154			
	5.0517	4.7623	4.7224	5.0014	6.1059			
	4.1172	3.8641	3.8234	4.0076	4.9215			
	3.4896	3.2944	3.2689	3.4259	4.2293			
14	5.0296	5.1797	5.7790	7.4831				
	5.1161	5.2509	5.9295	7.4514				
	5.3001	5.4426	6.2068	7.6742				
	5.3822	5.4979	6.2154	7.4535				
	4.3732	4.4509	5.0505	6.0157				
	3.6414	3.7064	4.2493	5.0674				
15	7.9431	8.2689	4 EFPD	118 % POWER				
	7.9080	8.2004	75 EFPD	118 % POWER				
	8.1914	8.4180	150 EFPD	118 % POWER				
	8.2438	8.4975	275 EFPD	118 % POWER				
	6.6601	6.8971	375 EFPD	118 % POWER				
	5.4215	5.6686	475 EFPD	118 % POWER				

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-3

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.4467	1.3334	1.2308	1.4404	1.3961	1.2405	1.3568	0.7469
	1.1578	1.2449	1.3516	1.1682	1.2016	1.3475	1.2419	2.1781
9	1.3334	1.3582	1.3302	1.2944	1.4610	1.3072	1.3507	0.6869
	1.2449	1.2249	1.2650	1.2897	1.1540	1.2750	1.2500	2.3720
10	1.2308	1.3334	1.2112	1.3937	1.3119	1.4130	1.0170	
	1.3516	1.2629	1.3693	1.2107	1.2764	1.1749	1.6227	
11	1.4404	1.2867	1.3896	1.2077	1.2932	1.3405	0.7052	
	1.1682	1.2964	1.2143	1.3900	1.2862	1.2287	2.2756	
12	1.3961	1.4447	1.3037	1.2893	1.2891	0.7837		
	1.2016	1.1664	1.2833	1.2894	1.2780	2.0488		
13	1.2405	1.2927	1.4016	1.3338	0.7821			
	1.3475	1.2876	1.1823	1.2339	2.0525			
14	1.3568	1.3429	1.0083	0.6998				
	1.2419	1.2563	1.6353	2.2908				
15	0.7469	0.6740	F-DEL-H					
	2.1781	2.4129	M-DEL-H					

AT 100% POWER, 75 EFPD

	H	G	F	E	D	C	B	A
8	1.3476	1.2105	1.1500	1.4027	1.3343	1.1860	1.3776	0.7718
	1.2304	1.3588	1.4373	1.1955	1.2526	1.4102	1.2228	2.1216
9	1.2105	1.2649	1.2847	1.2399	1.4386	1.2765	1.3874	0.7123
	1.3588	1.3053	1.3020	1.3439	1.1636	1.3083	1.2171	2.3022
10	1.1500	1.2836	1.1533	1.3766	1.2774	1.4241	1.0080	
	1.4373	1.3031	1.4294	1.2227	1.3070	1.1657	1.6416	
11	1.4027	1.2324	1.3724	1.1625	1.3180	1.3715	0.7245	
	1.1955	1.3517	1.2263	1.4432	1.2584	1.2025	2.2242	
12	1.3343	1.4177	1.2701	1.3144	1.3163	0.8132		
	1.2526	1.1801	1.3135	1.2613	1.2501	1.9799		
13	1.1860	1.2640	1.4149	1.3655	0.8118			
	1.4102	1.3203	1.1724	1.2071	1.9831			
14	1.3776	1.3794	1.0005	0.7196				
	1.2228	1.2219	1.6526	2.2377				
15	0.7718	0.6997	F-DEL-H					
	2.1216	2.3392	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 243 of 306

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 150 EFPD

	H	G	F	E	D	C	B	A
8	1.2977	1.1383	1.1111	1.3821	1.2815	1.1334	1.3981	0.7789
	1.2773	1.4420	1.4883	1.2140	1.2994	1.4693	1.2005	2.0938
9	1.1383	1.2160	1.2907	1.2062	1.4305	1.2379	1.4001	0.7197
	1.4420	1.3567	1.3057	1.3807	1.1725	1.3482	1.2000	2.2793
10	1.1111	1.2896	1.1248	1.3727	1.2469	1.4123	0.9823	
	1.4883	1.3062	1.4667	1.2244	1.3390	1.1765	1.6860	
11	1.3821	1.2007	1.3678	1.1374	1.3305	1.3890	0.7293	
	1.2140	1.3873	1.2283	1.4746	1.2442	1.1852	2.2296	
12	1.2815	1.4145	1.2405	1.3275	1.3249	0.8293		
	1.2994	1.1853	1.3452	1.2475	1.2436	1.9567		
13	1.1334	1.2272	1.4047	1.3846	0.8283			
	1.4693	1.3587	1.1819	1.1884	1.9589			
14	1.3981	1.3939	0.9763	0.7251				
	1.2005	1.2047	1.6954	2.2413				
15	0.7789	0.7078	F-DEL-H					
	2.0938	2.3145	M-DEL-H					

AT 100% POWER, 275 EFPD

	H	G	F	E	D	C	B	A
8	1.3563	1.1366	1.1434	1.4402	1.2331	1.0337	1.2414	0.6946
	1.2390	1.4663	1.4665	1.1683	1.3476	1.5736	1.2943	2.2642
9	1.1366	1.2558	1.4272	1.2201	1.4719	1.1520	1.2269	0.6435
	1.4663	1.3386	1.1912	1.3807	1.1409	1.4290	1.3202	2.4544
10	1.1434	1.4268	1.1604	1.4428	1.2287	1.3778	0.8910	
	1.4665	1.1915	1.4498	1.1731	1.3538	1.2006	1.8164	
11	1.4402	1.2184	1.4399	1.1552	1.3929	1.3485	0.7005	
	1.1683	1.3828	1.1753	1.4585	1.1935	1.2151	2.2872	
12	1.2331	1.4652	1.2247	1.3914	1.3549	0.8425		
	1.3476	1.1459	1.3580	1.1946	1.2167	1.9148		
13	1.0337	1.1446	1.3729	1.3468	0.8422			
	1.5736	1.4374	1.2045	1.2164	1.9156			
14	1.2414	1.2236	0.8877	0.6980				
	1.2943	1.3235	1.8229	2.2948				
15	0.6946	0.6344	F-DEL-H					
	2.2642	2.4876	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 244 of 306

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 375 EFPD

	H	G	F	E	D	C	B	A
8	1.3793	1.1197	1.1242	1.4072	1.2062	1.0225	1.2088	0.7011
	1.2051	1.4709	1.4640	1.1767	1.3613	1.5931	1.3420	2.2733
9	1.1197	1.2303	1.4107	1.1951	1.4572	1.1374	1.1995	0.6512
	1.4709	1.3423	1.1762	1.3762	1.1367	1.4398	1.3638	2.4563
10	1.1242	1.4110	1.1398	1.4149	1.2070	1.3733	0.8924	
	1.4640	1.1760	1.4337	1.1708	1.3625	1.1983	1.8200	
11	1.4072	1.1944	1.4145	1.1416	1.3945	1.3360	0.7188	
	1.1767	1.3771	1.1714	1.4462	1.1837	1.2210	2.2185	
12	1.2062	1.4549	1.2054	1.3948	1.3958	0.8679		
	1.3613	1.1387	1.3647	1.1836	1.1717	1.8429		
13	1.0225	1.1331	1.3722	1.3364	0.8682			
	1.5931	1.4453	1.1986	1.2209	1.8428			
14	1.2088	1.1978	0.8909	0.7175				
	1.3420	1.3658	1.8236	2.2226				
15	0.7011	0.6431	F-DEL-H					
	2.2733	2.4863	M-DEL-H					

AT 100% POWER, 475 EFPD

	H	G	F	E	D	C	B	A
8	1.3511	1.1049	1.1039	1.3593	1.1828	1.0323	1.2282	0.7456
	1.2352	1.4951	1.4955	1.2221	1.3931	1.5835	1.3239	2.1448
9	1.1049	1.2001	1.3601	1.1642	1.4146	1.1332	1.2196	0.6939
	1.4951	1.3761	1.2208	1.4142	1.1736	1.4518	1.3434	2.3116
10	1.1039	1.3604	1.1149	1.3659	1.1816	1.3568	0.9151	
	1.4955	1.2206	1.4655	1.2153	1.3961	1.2187	1.7802	
11	1.3593	1.1638	1.3660	1.1221	1.3596	1.3209	0.7452	
	1.2221	1.4147	1.2153	1.4649	1.2055	1.2294	2.1371	
12	1.1828	1.4135	1.1806	1.3601	1.3795	0.8824		
	1.3931	1.1747	1.3975	1.2054	1.1770	1.8025		
13	1.0323	1.1302	1.3567	1.3216	0.8829			
	1.5835	1.4556	1.2185	1.2291	1.8027			
14	1.2282	1.2186	0.9142	0.7444				
	1.3239	1.3447	1.7824	2.1399				
15	0.7456	0.6858	F-DEL-H					
	2.1447	2.3375	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 245 of 306

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.4667	1.3468	1.2363	1.4584	1.4195	1.2504	1.3405	0.7107
	1.3862	1.5066	1.6501	1.4156	1.4552	1.6409	1.5063	2.7277
9	1.3468	1.3579	1.3360	1.3068	1.4808	1.3263	1.3422	0.6608
	1.5066	1.4894	1.5471	1.5726	1.4099	1.5628	1.5207	2.9759
10	1.2363	1.3394	1.1872	1.3962	1.3271	1.4373	1.0205	
	1.6501	1.5443	1.6783	1.4829	1.5426	1.4249	2.0029	
11	1.4584	1.2983	1.3908	1.1922	1.3060	1.3601	0.7060	
	1.4156	1.5814	1.4871	1.7072	1.5525	1.4752	2.7522	
12	1.4195	1.4631	1.3180	1.3016	1.3006	0.7861		
	1.4552	1.4249	1.5511	1.5580	1.5362	2.4430		
13	1.2504	1.3103	1.4257	1.3525	0.7843			
	1.6409	1.5795	1.4341	1.4819	2.4488			
14	1.3405	1.3338	1.0109	0.7002				
	1.5063	1.5289	2.0194	2.7711				
15	0.7107	0.6478	F-DEL-H					
	2.7277	3.0280	M-DEL-H					

AT 75% POWER, 75 EFPD

	H	G	F	E	D	C	B	A
8	1.3543	1.2112	1.1476	1.4177	1.3541	1.1930	1.3500	0.7362
	1.4861	1.6616	1.7736	1.4544	1.5249	1.7154	1.4824	2.6380
9	1.2112	1.2552	1.2787	1.2493	1.4602	1.2957	1.3850	0.6871
	1.6616	1.6041	1.6028	1.6410	1.4214	1.5994	1.4783	2.8686
10	1.1476	1.2775	1.1193	1.3860	1.2925	1.4532	1.0135	
	1.7736	1.6043	1.7616	1.4971	1.5794	1.4127	2.0236	
11	1.4177	1.2408	1.3799	1.1589	1.3353	1.3977	0.7284	
	1.4544	1.6506	1.5029	1.7693	1.5147	1.4401	2.6876	
12	1.3541	1.4375	1.2843	1.3312	1.3338	0.8202		
	1.5249	1.4407	1.5877	1.5189	1.4985	2.3557		
13	1.1930	1.2819	1.4427	1.3908	0.8186			
	1.7154	1.6145	1.4210	1.4458	2.3591			
14	1.3500	1.3761	1.0053	0.7229				
	1.4824	1.4862	2.0382	2.7049				
15	0.7362	0.6744	F-DEL-H					
	2.6380	2.9163	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 246 of 306

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 150 EFPD

	H	G	F	E	D	C	B	A
8	1.2983	1.1322	1.1058	1.3972	1.2976	1.1364	1.3286	0.7419
	1.5428	1.7695	1.8381	1.4657	1.5786	1.7903	1.4527	2.5982
9	1.1322	1.2018	1.2784	1.2130	1.4523	1.2553	1.3966	0.6935
	1.7695	1.6811	1.6009	1.6818	1.4201	1.6439	1.4544	2.8214
10	1.1058	1.2776	1.0840	1.3833	1.2615	1.4428	0.9875	
	1.8381	1.6023	1.8137	1.5034	1.6035	1.4096	2.0671	
11	1.3972	1.2056	1.3777	1.1394	1.3527	1.4227	0.7347	
	1.4657	1.6913	1.5088	1.7732	1.4804	1.3964	2.6495	
12	1.2976	1.4347	1.2543	1.3480	1.3475	0.8399		
	1.5786	1.4306	1.6119	1.4847	1.4762	2.2912		
13	1.1364	1.2433	1.4344	1.4175	0.8386			
	1.7903	1.6578	1.4164	1.4006	2.2950			
14	1.3286	1.3896	0.9808	0.7301				
	1.4527	1.4608	2.0796	2.6643				
15	0.7419	0.6814	F-DEL-H					
	2.5982	2.8662	M-DEL-H					

AT 75% POWER, 275 EFPD

	H	G	F	E	D	C	B	A
8	1.3695	1.1374	1.1470	1.4653	1.2492	1.0303	1.1298	0.6373
	1.4832	1.7813	1.7853	1.3941	1.6019	1.9499	1.6041	2.8646
9	1.1374	1.2508	1.4238	1.2195	1.5011	1.1613	1.1949	0.6006
	1.7813	1.6361	1.4650	1.6680	1.3568	1.7183	1.6361	3.1096
10	1.1470	1.4239	1.1208	1.4619	1.2467	1.4045	0.8863	
	1.7853	1.4653	1.7631	1.4316	1.6043	1.4073	2.2393	
11	1.4653	1.2172	1.4585	1.1581	1.4256	1.3853	0.7046	
	1.3941	1.6752	1.4350	1.7240	1.4048	1.4011	2.6906	
12	1.2492	1.4934	1.2421	1.4238	1.3918	0.8590		
	1.6019	1.3631	1.6099	1.4066	1.4106	2.2174		
13	1.0303	1.1530	1.3989	1.3833	0.8586			
	1.9499	1.7297	1.4110	1.4033	2.2195			
14	1.1298	1.1912	0.8826	0.7019				
	1.6041	1.6409	2.2485	2.7007				
15	0.6373	0.5917	F-DEL-H					
	2.8646	3.1526	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 375 EFPD

	H	G	F	E	D	C	B	A
8	1.3969	1.1187	1.1264	1.4329	1.2237	1.0209	1.0963	0.6305
	1.4366	1.7879	1.7815	1.3914	1.6114	1.9749	1.6942	2.9351
9	1.1187	1.2189	1.4047	1.1927	1.4898	1.1493	1.1601	0.5995
	1.7879	1.6630	1.4504	1.6708	1.3376	1.7260	1.7142	3.1682
10	1.1264	1.4053	1.0890	1.4342	1.2274	1.4115	0.8891	
	1.7815	1.4502	1.8016	1.4196	1.6031	1.3852	2.2303	
11	1.4329	1.1909	1.4336	1.1598	1.4367	1.3825	0.7278	
	1.3914	1.6756	1.4201	1.6826	1.3608	1.3966	2.6059	
12	1.2237	1.4870	1.2255	1.4370	1.4504	0.8937		
	1.6114	1.3405	1.6061	1.3608	1.3420	2.1230		
13	1.0209	1.1444	1.4113	1.3828	0.8941			
	1.9749	1.7335	1.3863	1.3971	2.1241			
14	1.0963	1.1582	0.8874	0.7264				
	1.6942	1.7172	2.2354	2.6117				
15	0.6305	0.5918	F-DEL-H					
	2.9351	3.2072	M-DEL-H					

AT 75% POWER, 475 EFPD

	H	G	F	E	D	C	B	A
8	1.3691	1.1033	1.1052	1.3840	1.2006	1.0266	1.1143	0.6675
	1.4623	1.8132	1.8132	1.4362	1.6405	1.9726	1.6774	2.7805
9	1.1033	1.1854	1.3534	1.1636	1.4476	1.1471	1.1794	0.6376
	1.8132	1.7170	1.5128	1.7074	1.3680	1.7312	1.6934	2.9931
10	1.1052	1.3539	1.0563	1.3839	1.2027	1.3987	0.9139	
	1.8132	1.5125	1.8458	1.4574	1.6278	1.3903	2.1752	
11	1.3840	1.1622	1.3839	1.1511	1.4104	1.3723	0.7575	
	1.4362	1.7110	1.4573	1.6850	1.3668	1.4000	2.5066	
12	1.2006	1.4463	1.2015	1.4107	1.4403	0.9134		
	1.6405	1.3696	1.6291	1.3667	1.3328	2.0655		
13	1.0266	1.1437	1.3993	1.3730	0.9139			
	1.9726	1.7364	1.3903	1.3998	2.0657			
14	1.1143	1.1781	0.9129	0.7566				
	1.6774	1.6953	2.1783	2.5102				
15	0.6675	0.6300	F-DEL-H					
	2.7805	3.0268	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 248 of 306

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.4852	1.3590	1.2410	1.4748	1.4405	1.2584	1.3284	0.6777
	1.8178	1.9627	2.1991	1.8730	1.9177	2.1940	1.9025	3.6906
9	1.3590	1.3597	1.3407	1.3182	1.4987	1.3436	1.3321	0.6367
	1.9627	1.9851	2.0830	2.0742	1.8689	2.0575	2.0393	4.0373
10	1.2410	1.3442	1.1670	1.4024	1.3414	1.4611	1.0227	
	2.1991	2.0795	2.2470	1.9639	2.0417	1.8879	2.7178	
11	1.4748	1.3090	1.3964	1.1929	1.3186	1.3782	0.7062	
	1.8730	2.0865	1.9735	2.2976	2.0769	1.9729	3.6917	
12	1.4405	1.4797	1.3313	1.3132	1.3111		0.7881	
	1.9177	1.8932	2.0549	2.0850	2.0653		3.2801	
13	1.2584	1.3262	1.4482	1.3697	0.7861			
	2.1940	2.0841	1.9010	1.9829	3.2895			
14	1.3284	1.3229	1.0123	0.6999				
	1.9025	2.0614	2.7398	3.7196				
15	0.6777	0.6236	F-DEL-H					
	3.6906	4.1054	M-DEL-H					

AT 50% POWER, 75 EFPD

	H	G	F	E	D	C	B	A
8	1.3595	1.2111	1.1449	1.4313	1.3720	1.1982	1.3369	0.7025
	1.9596	2.1877	2.3616	1.9184	2.0018	2.2960	1.8618	3.5718
9	1.2111	1.2460	1.2771	1.2582	1.4801	1.3135	1.3790	0.6628
	2.1877	2.1504	2.1658	2.1571	1.8809	2.0912	1.9633	3.8941
10	1.1449	1.2758	1.1011	1.3955	1.3072	1.4810	1.0180	
	2.3616	2.1681	2.3527	1.9646	2.0770	1.8584	2.7406	
11	1.4313	1.2490	1.3885	1.1634	1.3523	1.4232	0.7319	
	1.9184	2.1706	1.9755	2.3411	2.0134	1.9155	3.5746	
12	1.3720	1.4556	1.2981	1.3478	1.3509	0.8274		
	2.0018	1.9032	2.0896	2.0197	2.0010	3.1329		
13	1.1982	1.2983	1.4692	1.4154	0.8255			
	2.2960	2.1196	1.8743	1.9241	3.1413			
14	1.3369	1.3692	1.0089	0.7260				
	1.8618	1.9804	2.7604	3.5996				
15	0.7025	0.6500	F-DEL-H					
	3.5718	3.9563	M-DEL-H					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 150 EFPD

	H	G	F	E	D	C	B	A
8	1.2975	1.1258	1.1002	1.4108	1.3123	1.1383	1.3049	0.7060
	2.0402	2.3448	2.4451	1.9366	2.0601	2.3970	1.8728	3.5107
9	1.1258	1.1879	1.2718	1.2205	1.4726	1.2718	1.3887	0.6677
	2.3448	2.2700	2.1621	2.2059	1.8635	2.1402	1.9307	3.8214
10	1.1002	1.2709	1.0662	1.3936	1.2764	1.4731	0.9920	
	2.4451	2.1637	2.4083	1.9489	2.0999	1.8464	2.7935	
11	1.4108	1.2121	1.3872	1.1453	1.3793	1.4566	0.7403	
	1.9366	2.2190	1.9589	2.3244	1.9523	1.8480	3.4928	
12	1.3123	1.4572	1.2682	1.3739	1.3706	0.8512		
	2.0601	1.8768	2.1116	1.9588	1.9621	3.0199		
13	1.1383	1.2587	1.4634	1.4506	0.8496			
	2.3970	2.1590	1.8601	1.8547	3.0271			
14	1.3049	1.3809	0.9846	0.7352				
	1.8728	1.9434	2.8110	3.5145				
15	0.7060	0.6555	F-DEL-H					
	3.5107	3.8805	M-DEL-H					

AT 50% POWER, 275 EFPD

	H	G	F	E	D	C	B	A
8	1.3779	1.1354	1.1479	1.4875	1.2656	1.0329	1.0903	0.5845
	1.9592	2.3568	2.3640	1.8212	2.0747	2.5431	2.1346	3.8511
9	1.1354	1.2410	1.4259	1.2274	1.5289	1.1727	1.1634	0.5612
	2.3568	2.2109	1.8596	2.1753	1.7751	2.2159	2.1869	4.1935
10	1.1479	1.4259	1.1004	1.4789	1.2653	1.4350	0.8839	
	2.3640	1.8594	2.2805	1.7955	2.0878	1.8255	2.9551	
11	1.4875	1.2226	1.4749	1.1703	1.4588	1.4252	0.7111	
	1.8212	2.1856	1.8003	2.2403	1.8523	1.8131	3.5102	
12	1.2656	1.5202	1.2601	1.4567	1.4329	0.8779		
	2.0747	1.7866	2.0961	1.8547	1.8674	2.8868		
13	1.0329	1.1636	1.4305	1.4227	0.8774			
	2.5431	2.2318	1.8314	1.8321	2.8916			
14	1.0903	1.1592	0.8798	0.7080				
	2.1346	2.1940	2.9696	3.5259				
15	0.5845	0.5525	F-DEL-H					
	3.8511	4.2514	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 375 EFPD

	H	G	F	E	D	C	B	A
8	1.4201	1.1164	1.1178	1.4747	1.2611	1.0329	0.9915	0.5198
	1.8618	2.3728	2.3524	1.8027	2.0829	2.5589	2.1751	4.0669
9	1.1164	1.1850	1.3943	1.2172	1.5445	1.1803	1.1116	0.5121
	2.3728	2.1718	1.8291	2.1672	1.7214	2.2269	2.2573	4.3602
10	1.1178	1.3948	1.0290	1.4633	1.2700	1.4923	0.8931	
	2.3524	1.8280	2.2557	1.8008	2.0720	1.7714	2.9536	
11	1.4747	1.2135	1.4632	1.2160	1.5261	1.4745	0.7594	
	1.8027	2.1743	1.8000	2.1601	1.7367	1.7906	3.4117	
12	1.2611	1.5412	1.2677	1.5263	1.5360	0.9506		
	2.0829	1.7264	2.0757	1.7371	1.7247	2.7463		
13	1.0329	1.1749	1.4918	1.4747	0.9508			
	2.5589	2.2378	1.7737	1.7919	2.7488			
14	0.9915	1.1091	0.8911	0.7578				
	2.1751	2.2610	2.9623	3.4208				
15	0.5198	0.5063	F-DEL-H					
	4.0669	4.4496	M-DEL-H					

AT 50% POWER, 475 EFPD

	H	G	F	E	D	C	B	A
8	1.3900	1.0985	1.0920	1.4233	1.2373	1.0385	1.0080	0.5545
	1.9065	2.4125	2.4004	1.8606	2.1174	2.5499	2.1190	3.7885
9	1.0985	1.1506	1.3413	1.1883	1.5026	1.1795	1.1341	0.5483
	2.4125	2.2389	1.9105	2.2143	1.7536	2.2260	2.1985	4.0454
10	1.0920	1.3418	1.0006	1.4178	1.2467	1.4812	0.9197	
	2.4004	1.9095	2.3311	1.8777	2.0883	1.7659	2.8694	
11	1.4233	1.1856	1.4181	1.2086	1.5021	1.4651	0.7911	
	1.8606	2.2198	1.8766	2.1518	1.7331	1.7842	3.2668	
12	1.2373	1.5008	1.2458	1.5025	1.5245	0.9722		
	2.1174	1.7565	2.0902	1.7331	1.6943	2.6508		
13	1.0385	1.1757	1.4817	1.4658	0.9727			
	2.5499	2.2336	1.7664	1.7843	2.6524			
14	1.0080	1.1325	0.9185	0.7901				
	2.1190	2.2007	2.8738	3.2725				
15	0.5545	0.5426	F-DEL-H					
	3.7885	4.1270	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 0.6686	* 0.6193	* 0.5837	* 0.6431	* 0.5936	* 0.5122	* 0.3962	* 0.2377
	* 2.8315	* 3.0420	* 3.1671	* 2.9089	* 3.1584	* 3.5951	* 3.8571	* 5.9812
9	* 0.6193	* 0.6009	* 0.6314	* 0.5898	* 0.6245	* 0.5407	* 0.4280	* 0.2400
	* 3.0420	* 3.0505	* 2.8662	* 3.1479	* 2.9972	* 3.4309	* 3.9604	* 6.3491
10	* 0.5837	* 0.6319	* 0.5359	* 0.6038	* 0.5700	* 0.5392	* 0.4095	*
	* 3.1671	* 2.8650	* 3.1047	* 2.9794	* 3.2509	* 3.4815	* 4.4620	*
11	* 0.6431	* 0.5868	* 0.6031	* 0.5294	* 0.5594	* 0.4894	* 0.3116	*
	* 2.9089	* 3.1492	* 2.9800	* 3.3318	* 3.3619	* 3.8758	* 6.0611	*
12	* 0.5936	* 0.6220	* 0.5688	* 0.5589	* 0.4934	* 0.3724	*	*
	* 3.1584	* 3.0095	* 3.2573	* 3.3643	* 3.8432	* 5.1061	*	*
13	* 0.5122	* 0.5383	* 0.5378	* 0.4884	* 0.3709	*	*	*
	* 3.5951	* 3.4474	* 3.4906	* 3.8833	* 5.1272	*	*	*
14	* 0.3962	* 0.4266	* 0.4080	* 0.3103	*	*	*	*
	* 3.8571	* 3.9701	* 4.4782	* 6.0863	*	*	*	*
15	* 0.2377	* 0.2386	* F-SUB-Q					
	* 5.9812	* 6.3825	* 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	* 1.3704	* 1.2028	* 1.1030	* 1.2708	* 1.1728	* 0.9997	* 0.9359	* 0.5298
	* 1.3979	* 1.5887	* 1.7096	* 1.4957	* 1.6210	* 1.8632	* 1.7683	* 3.0249
9	* 1.2028	* 1.1888	* 1.2485	* 1.1437	* 1.2974	* 1.0686	* 0.9774	* 0.5129
	* 1.5887	* 1.5599	* 1.4934	* 1.6506	* 1.4641	* 1.7644	* 1.8077	* 3.2675
10	* 1.1030	* 1.2495	* 1.0620	* 1.2116	* 1.1133	* 1.1594	* 0.8110	*
	* 1.7096	* 1.4927	* 1.6810	* 1.5297	* 1.7015	* 1.6407	* 2.2994	*
11	* 1.2708	* 1.1411	* 1.2102	* 1.0181	* 1.1229	* 1.0629	* 0.6116	*
	* 1.4957	* 1.6519	* 1.5300	* 1.7769	* 1.6993	* 1.8057	* 3.1266	*
12	* 1.1728	* 1.2907	* 1.1113	* 1.1220	* 1.0642	* 0.6978	*	*
	* 1.6210	* 1.4715	* 1.7045	* 1.7007	* 1.8045	* 2.7677	*	*
13	* 0.9997	* 1.0642	* 1.1565	* 1.0610	* 0.6958	*	*	*
	* 1.8632	* 1.7736	* 1.6449	* 1.8091	* 2.7760	*	*	*
14	* 0.9359	* 0.9748	* 0.8079	* 0.6089	*	*	*	*
	* 1.7683	* 1.8120	* 2.3081	* 3.1402	*	*	*	*
15	* 0.5298	* 0.5058	* F-SUB-Q					
	* 3.0249	* 3.3122	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.4371	* 1.3730	* 1.2665	* 1.3708	* 1.3375	* 1.1930	* 1.1793	* 0.6975
	* 1.3573	* 1.4182	* 1.5290	* 1.4140	* 1.4489	* 1.6036	* 1.5634	* 2.5798
9	* 1.3730	* 1.3675	* 1.3091	* 1.3012	* 1.3829	* 1.2394	* 1.1812	* 0.6536
	* 1.4182	* 1.4129	* 1.4710	* 1.4861	* 1.4017	* 1.5483	* 1.5777	* 2.7781
10	* 1.2665	* 1.3114	* 1.2505	* 1.3166	* 1.2818	* 1.2903	* 0.9822	*
	* 1.5290	* 1.4691	* 1.5153	* 1.4529	* 1.5076	* 1.5008	* 1.9466	*
11	* 1.3708	* 1.2984	* 1.3154	* 1.2040	* 1.2058	* 1.2362	* 0.7251	*
	* 1.4140	* 1.4871	* 1.4542	* 1.5783	* 1.6130	* 1.5780	* 2.6824	*
12	* 1.3375	* 1.3729	* 1.2787	* 1.2043	* 1.2121	* 0.8000	*	*
	* 1.4489	* 1.4122	* 1.5113	* 1.6149	* 1.6119	* 2.4371	*	*
13	* 1.1930	* 1.2321	* 1.2857	* 1.2336	* 0.7983	*	*	*
	* 1.6036	* 1.5576	* 1.5062	* 1.5814	* 2.4426	*	*	*
14	* 1.1793	* 1.1778	* 0.9781	* 0.7218	*	*	*	*
	* 1.5634	* 1.5822	* 1.9548	* 2.6945	*	*	*	*
15	* 0.6975	* 0.6463	* F-SUB-Q					
	* 2.5798	* 2.8088	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.6024	* 1.5073	* 1.3902	* 1.5330	* 1.4820	* 1.3407	* 1.3931	* 0.8029
	* 1.2456	* 1.3200	* 1.4303	* 1.2956	* 1.3339	* 1.4682	* 1.3852	* 2.3711
9	* 1.5073	* 1.5107	* 1.4709	* 1.4285	* 1.5544	* 1.3890	* 1.3891	* 0.7355
	* 1.3200	* 1.3175	* 1.3511	* 1.3897	* 1.2779	* 1.4191	* 1.3967	* 2.5992
10	* 1.3902	* 1.4734	* 1.3548	* 1.4812	* 1.4156	* 1.4705	* 1.0923	*
	* 1.4303	* 1.3488	* 1.4544	* 1.3341	* 1.4023	* 1.3485	* 1.8002	*
11	* 1.5330	* 1.4239	* 1.4794	* 1.3172	* 1.3564	* 1.4005	* 0.7801	*
	* 1.2956	* 1.3943	* 1.3358	* 1.4975	* 1.4678	* 1.4234	* 2.5485	*
12	* 1.4820	* 1.5425	* 1.4116	* 1.3544	* 1.3588	* 0.8500	*	*
	* 1.3339	* 1.2880	* 1.4064	* 1.4698	* 1.4698	* 2.3110	*	*
13	* 1.3407	* 1.3790	* 1.4643	* 1.3970	* 0.8485	*	*	*
	* 1.4682	* 1.4294	* 1.3542	* 1.4270	* 2.3151	*	*	*
14	* 1.3931	* 1.3847	* 1.0868	* 0.7760	*	*	*	*
	* 1.3852	* 1.4011	* 1.8092	* 2.5619	*	*	*	*
15	* 0.8029	* 0.7249	* F-SUB-Q					
	* 2.3711	* 2.6370	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.6592	* 1.5461	* 1.4272	* 1.5983	* 1.5439	* 1.3956	* 1.4827	* 0.8540 *
	* 1.2320	* 1.3197	* 1.4302	* 1.2734	* 1.3126	* 1.4493	* 1.3488	* 2.3240 *
9	* 1.5461	* 1.5490	* 1.5204	* 1.4733	* 1.6193	* 1.4465	* 1.4744	* 0.7818 *
	* 1.3197	* 1.3140	* 1.3425	* 1.3818	* 1.2569	* 1.3987	* 1.3606	* 2.5454 *
10	* 1.4272	* 1.5232	* 1.4091	* 1.5467	* 1.4676	* 1.5420	* 1.1525 *	
	* 1.4302	* 1.3399	* 1.4428	* 1.3135	* 1.3843	* 1.3140	* 1.7515 *	
11	* 1.5983	* 1.4678	* 1.5444	* 1.3760	* 1.4183	* 1.4695	* 0.8164 *	
	* 1.2734	* 1.3870	* 1.3155	* 1.4762	* 1.4292	* 1.3695	* 2.4592 *	
12	* 1.5439	* 1.6057	* 1.4626	* 1.4159	* 1.4201	* 0.8860 *		
	* 1.3126	* 1.2678	* 1.3892	* 1.4317	* 1.4186	* 2.2317 *		
13	* 1.3956	* 1.4356	* 1.5345	* 1.4653	* 0.8846 *			
	* 1.4493	* 1.4102	* 1.3206	* 1.3738	* 2.2356 *			
14	* 1.4827	* 1.4691	* 1.1463	* 0.8121 *				
	* 1.3488	* 1.3655	* 1.7611	* 2.4727 *				
15	* 0.8540	* 0.7720	* F-SUB-Q					
	* 2.3240	* 2.5775	* 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	* 1.6900	* 1.5689	* 1.4494	* 1.6407	* 1.5862	* 1.4315	* 1.5386	* 0.8854 *
	* 1.2227	* 1.3186	* 1.4295	* 1.2543	* 1.2936	* 1.4356	* 1.3286	* 2.3018 *
9	* 1.5689	* 1.5781	* 1.5481	* 1.5029	* 1.6618	* 1.4862	* 1.5280	* 0.8115 *
	* 1.3186	* 1.3121	* 1.3398	* 1.3714	* 1.2384	* 1.3773	* 1.3392	* 2.5129 *
10	* 1.4494	* 1.5513	* 1.4417	* 1.5884	* 1.5039	* 1.5898	* 1.1926 *	
	* 1.4295	* 1.3370	* 1.4381	* 1.2995	* 1.3644	* 1.2860	* 1.7165 *	
11	* 1.6407	* 1.4968	* 1.5857	* 1.4150	* 1.4602	* 1.5164	* 0.8419 *	
	* 1.2543	* 1.3773	* 1.3018	* 1.4601	* 1.3969	* 1.3326	* 2.3924 *	
12	* 1.5862	* 1.6468	* 1.4979	* 1.4574	* 1.4625	* 0.9129 *		
	* 1.2936	* 1.2499	* 1.3699	* 1.4003	* 1.3821	* 2.1830 *		
13	* 1.4315	* 1.4752	* 1.5812	* 1.5115	* 0.9113 *			
	* 1.4356	* 1.3879	* 1.2921	* 1.3371	* 2.1869 *			
14	* 1.5386	* 1.5220	* 1.1855	* 0.8372 *				
	* 1.3286	* 1.3446	* 1.7270	* 2.4063 *				
15	* 0.8854	* 0.8018	* F-SUB-Q					
	* 2.3018	* 2.5429	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 254 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.7358	* 1.6042	* 1.4820	* 1.6962	* 1.6389	* 1.4758	* 1.6046	* 0.9102 *
	* 1.2004	* 1.3023	* 1.4126	* 1.2238	* 1.2641	* 1.4055	* 1.2912	* 2.2732 *
9	* 1.6042	* 1.6185	* 1.5938	* 1.5428	* 1.7216	* 1.5369	* 1.5937	* 0.8306 *
	* 1.3023	* 1.2931	* 1.3141	* 1.3484	* 1.2057	* 1.3437	* 1.2995	* 2.4894 *
10	* 1.4820	* 1.5972	* 1.4646	* 1.6426	* 1.5493	* 1.6547	* 1.2230	*
	* 1.4126	* 1.3113	* 1.4329	* 1.2680	* 1.3343	* 1.2433	* 1.6871	*
11	* 1.6962	* 1.5359	* 1.6393	* 1.4449	* 1.5149	* 1.5769	* 0.8561	*
	* 1.2238	* 1.3547	* 1.2706	* 1.4440	* 1.3536	* 1.2918	* 2.3693	*
12	* 1.6389	* 1.7056	* 1.5426	* 1.5117	* 1.5184	* 0.9314	*	*
	* 1.2641	* 1.2173	* 1.3404	* 1.3569	* 1.3412	* 2.1639	*	*
13	* 1.4758	* 1.5243	* 1.6449	* 1.5713	* 0.9299	*	*	*
	* 1.4055	* 1.3550	* 1.2498	* 1.2965	* 2.1673	*	*	*
14	* 1.6046	* 1.5870	* 1.2152	* 0.8506	*	*	*	*
	* 1.2912	* 1.3051	* 1.6980	* 2.3845	*	*	*	*
15	* 0.9102	* 0.8190	* F-SUB-Q					
	* 2.2732	* 2.5244	* 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	* 1.7517	* 1.6182	* 1.4949	* 1.7219	* 1.6675	* 1.4988	* 1.6389	* 0.9249 *
	* 1.2062	* 1.3064	* 1.4155	* 1.2200	* 1.2553	* 1.3985	* 1.2816	* 2.2632 *
9	* 1.6182	* 1.6362	* 1.6099	* 1.5611	* 1.7490	* 1.5645	* 1.6274	* 0.8442 *
	* 1.3064	* 1.2940	* 1.3148	* 1.3472	* 1.2007	* 1.3326	* 1.2888	* 2.4795 *
10	* 1.4949	* 1.6135	* 1.4785	* 1.6675	* 1.5730	* 1.6870	* 1.2442	*
	* 1.4155	* 1.3119	* 1.4373	* 1.2615	* 1.3288	* 1.2327	* 1.6727	*
11	* 1.7219	* 1.5535	* 1.6638	* 1.4651	* 1.5417	* 1.6077	* 0.8683	*
	* 1.2200	* 1.3539	* 1.2644	* 1.4392	* 1.3474	* 1.2857	* 2.3677	*
12	* 1.6675	* 1.7320	* 1.5655	* 1.5381	* 1.5459	* 0.9458	*	*
	* 1.2553	* 1.2127	* 1.3353	* 1.3505	* 1.3366	* 2.1669	*	*
13	* 1.4988	* 1.5507	* 1.6762	* 1.6015	* 0.9443	*	*	*
	* 1.3985	* 1.3444	* 1.2396	* 1.2906	* 2.1702	*	*	*
14	* 1.6389	* 1.6199	* 1.2357	* 0.8623	*	*	*	*
	* 1.2816	* 1.2948	* 1.6841	* 2.3838	*	*	*	*
15	* 0.9249	* 0.8325	* F-SUB-Q					
	* 2.2632	* 2.5139	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.7938	* 1.6504	* 1.5233	* 1.7720	* 1.7136	* 1.5360	* 1.6954	* 0.9407 *
	* 1.2041	* 1.3085	* 1.4183	* 1.2106	* 1.2461	* 1.3896	* 1.2535	* 2.2474 *
9	* 1.6504	* 1.6723	* 1.6524	* 1.5945	* 1.8032	* 1.6078	* 1.6839	* 0.8547 *
	* 1.3085	* 1.2906	* 1.3073	* 1.3464	* 1.1888	* 1.3216	* 1.2622	* 2.4725 *
10	* 1.5233	* 1.6561	* 1.4902	* 1.7159	* 1.6122	* 1.7451	* 1.2635	*
	* 1.4183	* 1.3044	* 1.4427	* 1.2491	* 1.3235	* 1.2172	* 1.6762	*
11	* 1.7720	* 1.5863	* 1.7118	* 1.4847	* 1.5898	* 1.6604	* 0.8736	*
	* 1.2106	* 1.3535	* 1.2521	* 1.4461	* 1.3340	* 1.2722	* 2.4027	*
12	* 1.7136	* 1.7851	* 1.6037	* 1.5859	* 1.5949	* 0.9568	*	*
	* 1.2461	* 1.2010	* 1.3305	* 1.3379	* 1.3244	* 2.1916	*	*
13	* 1.5360	* 1.5929	* 1.7331	* 1.6536	* 0.9554	*	*	*
	* 1.3896	* 1.3340	* 1.2244	* 1.2773	* 2.1946	*	*	*
14	* 1.6954	* 1.6759	* 1.2540	* 0.8681	*	*	*	*
	* 1.2535	* 1.2682	* 1.6886	* 2.4174	*	*	*	*
15	* 0.9407	* 0.8395	* F-SUB-Q					
	* 2.2474	* 2.5166	* 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	* 1.7497	* 1.6198	* 1.5001	* 1.7352	* 1.6918	* 1.5155	* 1.6635	* 0.9394 *
	* 1.2712	* 1.3727	* 1.4807	* 1.2721	* 1.2980	* 1.4472	* 1.3087	* 2.2995 *
9	* 1.6198	* 1.6427	* 1.6070	* 1.5799	* 1.7620	* 1.5866	* 1.6503	* 0.8650 *
	* 1.3727	* 1.3517	* 1.3833	* 1.3988	* 1.2515	* 1.3767	* 1.3199	* 2.4969 *
10	* 1.5001	* 1.6110	* 1.4941	* 1.6800	* 1.5953	* 1.7097	* 1.2715	*
	* 1.4807	* 1.3798	* 1.4885	* 1.3116	* 1.3805	* 1.2730	* 1.7097	*
11	* 1.7352	* 1.5649	* 1.6757	* 1.4899	* 1.5586	* 1.6275	* 0.8884	*
	* 1.2721	* 1.4122	* 1.3150	* 1.4818	* 1.4006	* 1.3351	* 2.4287	*
12	* 1.6918	* 1.7431	* 1.5865	* 1.5545	* 1.5618	* 0.9705	*	*
	* 1.2980	* 1.2652	* 1.3881	* 1.4041	* 1.3915	* 2.2235	*	*
13	* 1.5155	* 1.5710	* 1.6987	* 1.6203	* 0.9686	*	*	*
	* 1.4472	* 1.3901	* 1.2809	* 1.3408	* 2.2274	*	*	*
14	* 1.6635	* 1.6417	* 1.2617	* 0.8818	*	*	*	*
	* 1.3087	* 1.3267	* 1.7225	* 2.4459	*	*	*	*
15	* 0.9394	* 0.8523	* F-SUB-Q					
	* 2.2995	* 2.5335	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.8067	1.6615	1.5317	1.7990	1.7473	1.5602	1.7350	0.9529
	1.2755	1.3869	1.5044	1.2705	1.3011	1.4545	1.2958	2.3367
9	1.6615	1.6884	1.6662	1.6107	1.8336	1.6400	1.7229	0.8672
	1.3869	1.3624	1.3818	1.4203	1.2450	1.3778	1.3060	2.5676
10	1.5317	1.6701	1.5027	1.7417	1.6375	1.7836	1.2844	
	1.5044	1.3785	1.5226	1.3083	1.3879	1.2644	1.7495	
11	1.7990	1.6013	1.7368	1.5035	1.6199	1.6952	0.8843	
	1.2705	1.4285	1.3124	1.5203	1.3931	1.3260	2.5218	
12	1.7473	1.8138	1.6276	1.6153	1.6247	0.9713		
	1.3011	1.2586	1.3961	1.3979	1.3840	2.2978		
13	1.5602	1.6228	1.7696	1.6872	0.9698			
	1.4545	1.3920	1.2727	1.3319	2.3008			
14	1.7350	1.7137	1.2737	0.8781				
	1.2958	1.3129	1.7634	2.5383				
15	0.9529	0.8516	F-SUB-Q					
	2.3367	2.6139	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	1.8077	1.6620	1.5318	1.8085	1.7592	1.5676	1.7502	0.9572
	1.2702	1.3814	1.4975	1.2692	1.3066	1.4657	1.3163	2.3957
9	1.6620	1.6922	1.6678	1.6146	1.8430	1.6514	1.7371	0.8723
	1.3814	1.3576	1.3761	1.4211	1.2455	1.3907	1.3247	2.6269
10	1.5318	1.6718	1.5054	1.7508	1.6459	1.7970	1.2929	
	1.4975	1.3727	1.5259	1.3107	1.3936	1.2772	1.7723	
11	1.8085	1.6048	1.7455	1.5116	1.6311	1.7081	0.8896	
	1.2692	1.4296	1.3146	1.5169	1.4036	1.3401	2.5634	
12	1.7592	1.8224	1.6354	1.6256	1.6356	0.9777		
	1.3066	1.2594	1.4025	1.4082	1.3973	2.3298		
13	1.5676	1.6331	1.7829	1.6995	0.9761			
	1.4657	1.4060	1.2870	1.3467	2.3334			
14	1.7502	1.7272	1.2819	0.8828				
	1.3163	1.3321	1.7873	2.5828				
15	0.9572	0.8584	F-SUB-Q					
	2.3957	2.6687	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.7667	1.6311	1.5053	1.7737	1.7366	1.5464	1.7217	0.9515
	1.2856	1.3922	1.5065	1.2797	1.3084	1.4685	1.3216	2.3803
9	1.6311	1.6622	1.6269	1.5957	1.8057	1.6299	1.7076	0.8761
	1.3922	1.3667	1.3952	1.4218	1.2572	1.3929	1.3313	2.5834
10	1.5053	1.6313	1.4955	1.7171	1.6228	1.7689	1.2924	
	1.5065	1.3915	1.5182	1.3210	1.3978	1.2828	1.7528	
11	1.7737	1.5788	1.7118	1.5061	1.6020	1.6785	0.8947	
	1.2797	1.4369	1.3256	1.5057	1.4136	1.3488	2.5212	
12	1.7366	1.7843	1.6118	1.5969	1.6058	0.9825		
	1.3084	1.2721	1.4073	1.4181	1.4081	2.2942		
13	1.5464	1.6109	1.7552	1.6695	0.9807			
	1.4685	1.4091	1.2926	1.3560	2.2984			
14	1.7217	1.6972	1.2807	0.8869				
	1.3216	1.3393	1.7685	2.5432				
15	0.9515	0.8625	F-SUB-Q					
	2.3803	2.6233	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	1.8037	1.6524	1.5217	1.8145	1.7722	1.5738	1.7744	0.9547
	1.2514	1.3657	1.4807	1.2428	1.2734	1.4328	1.2717	2.3472
9	1.6524	1.6872	1.6654	1.6104	1.8552	1.6656	1.7619	0.8692
	1.3657	1.3377	1.3537	1.3995	1.2156	1.3537	1.2803	2.5764
10	1.5217	1.6696	1.4992	1.7584	1.6509	1.8202	1.2908	
	1.4807	1.3503	1.5018	1.2807	1.3648	1.2383	1.7402	
11	1.8145	1.5994	1.7515	1.5011	1.6459	1.7273	0.8801	
	1.2428	1.4089	1.2856	1.4984	1.3653	1.3004	2.5362	
12	1.7722	1.8329	1.6388	1.6388	1.6499	0.9738		
	1.2734	1.2301	1.3745	1.3710	1.3587	2.2904		
13	1.5738	1.6449	1.8051	1.7176	0.9722			
	1.4328	1.3705	1.2483	1.3075	2.2938			
14	1.7744	1.7508	1.2783	0.8731				
	1.2717	1.2882	1.7567	2.5559				
15	0.9547	0.8524	F-SUB-Q					
	2.3472	2.6259	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.8029	* 1.6461	* 1.5155	* 1.8180	* 1.7770	* 1.5749	* 1.7873	* 0.9512
	* 1.2314	* 1.3484	* 1.4623	* 1.2199	* 1.2495	* 1.4075	* 1.2404	* 2.3133
9	* 1.6461	* 1.6838	* 1.6647	* 1.6070	* 1.8617	* 1.6716	* 1.7750	* 0.8644
	* 1.3484	* 1.3180	* 1.3319	* 1.3792	* 1.1912	* 1.3263	* 1.2487	* 2.5445
10	* 1.5155	* 1.6690	* 1.4951	* 1.7634	* 1.6517	* 1.8326	* 1.2859	*
	* 1.4623	* 1.3285	* 1.4799	* 1.2558	* 1.3413	* 1.2093	* 1.7171	*
11	* 1.8180	* 1.5954	* 1.7561	* 1.4983	* 1.6541	* 1.7378	* 0.8719	*
	* 1.2199	* 1.3889	* 1.2609	* 1.4755	* 1.3362	* 1.2712	* 2.5181	*
12	* 1.7770	* 1.8387	* 1.6390	* 1.6466	* 1.6578	* 0.9679	*	*
	* 1.2495	* 1.2058	* 1.3514	* 1.3421	* 1.3303	* 2.2674	*	*
13	* 1.5749	* 1.6497	* 1.8162	* 1.7275	* 0.9660	*	*	*
	* 1.4075	* 1.3434	* 1.2197	* 1.2786	* 2.2717	*	*	*
14	* 1.7873	* 1.7632	* 1.2729	* 0.8648	*	*	*	*
	* 1.2404	* 1.2567	* 1.7342	* 2.5382	*	*	*	*
15	* 0.9512	* 0.8467	* F-SUB-Q					
	* 2.3133	* 2.5968	* 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	* 1.7808	* 1.6272	* 1.4970	* 1.8018	* 1.7650	* 1.5612	* 1.7754	* 0.9435
	* 1.2312	* 1.3469	* 1.4618	* 1.2151	* 1.2414	* 1.4010	* 1.2313	* 2.2997
9	* 1.6272	* 1.6663	* 1.6450	* 1.5897	* 1.8451	* 1.6595	* 1.7627	* 0.8599
	* 1.3469	* 1.3148	* 1.3304	* 1.3764	* 1.1865	* 1.3182	* 1.2400	* 2.5224
10	* 1.4970	* 1.6494	* 1.4778	* 1.7488	* 1.6381	* 1.8214	* 1.2789	*
	* 1.4618	* 1.3276	* 1.4780	* 1.2500	* 1.3350	* 1.2005	* 1.7036	*
11	* 1.8018	* 1.5778	* 1.7412	* 1.4837	* 1.6414	* 1.7251	* 0.8680	*
	* 1.2151	* 1.3866	* 1.2553	* 1.4710	* 1.3294	* 1.2642	* 2.4971	*
12	* 1.7650	* 1.8216	* 1.6249	* 1.6336	* 1.6445	* 0.9641	*	*
	* 1.2414	* 1.2016	* 1.3456	* 1.3356	* 1.3241	* 2.2479	*	*
13	* 1.5612	* 1.6369	* 1.8049	* 1.7144	* 0.9625	*	*	*
	* 1.4010	* 1.3359	* 1.2111	* 1.2718	* 2.2514	*	*	*
14	* 1.7754	* 1.7506	* 1.2654	* 0.8605	*	*	*	*
	* 1.2313	* 1.2484	* 1.7212	* 2.5182	*	*	*	*
15	* 0.9435	* 0.8429	* F-SUB-Q					
	* 2.2997	* 2.5725	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 259 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.7219	* 1.5849	* 1.4586	* 1.7516	* 1.7251	* 1.5248	* 1.7263	* 0.9302 *
	* 1.2618	* 1.3701	* 1.4867	* 1.2380	* 1.2575	* 1.4201	* 1.2529	* 2.3077 *
9	* 1.5849	* 1.6245	* 1.5912	* 1.5555	* 1.7892	* 1.6205	* 1.7118	* 0.8573 *
	* 1.3701	* 1.3361	* 1.3619	* 1.3929	* 1.2119	* 1.3362	* 1.2634	* 2.5032 *
10	* 1.4586	* 1.5952	* 1.4528	* 1.7008	* 1.6004	* 1.7739	* 1.2696 *	
	* 1.4867	* 1.3601	* 1.4886	* 1.2729	* 1.3532	* 1.2201	* 1.6985 *	
11	* 1.7516	* 1.5389	* 1.6930	* 1.4697	* 1.5954	* 1.6766	* 0.8702 *	
	* 1.2380	* 1.4082	* 1.2786	* 1.4714	* 1.3543	* 1.2878	* 2.4660 *	
12	* 1.7251	* 1.7653	* 1.5871	* 1.5875	* 1.5977	* 0.9623 *		
	* 1.2575	* 1.2281	* 1.3643	* 1.3609	* 1.3496	* 2.2301 *		
13	* 1.5248	* 1.5978	* 1.7571	* 1.6658	* 0.9604 *			
	* 1.4201	* 1.3547	* 1.2314	* 1.2959	* 2.2343 *			
14	* 1.7263	* 1.6995	* 1.2560	* 0.8614 *				
	* 1.2529	* 1.2724	* 1.7163	* 2.4906 *				
15	* 0.9302	* 0.8434	* F-SUB-Q					
	* 2.3077	* 2.5436	* 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	* 1.7647	* 1.6031	* 1.4731	* 1.7894	* 1.7523	* 1.5424	* 1.7709	* 0.9243 *
	* 1.2107	* 1.3320	* 1.4479	* 1.1930	* 1.2191	* 1.3831	* 1.2043	* 2.2948 *
9	* 1.6031	* 1.6470	* 1.6298	* 1.5672	* 1.8357	* 1.6469	* 1.7584	* 0.8409 *
	* 1.3320	* 1.2963	* 1.3088	* 1.3614	* 1.1632	* 1.2958	* 1.2127	* 2.5218 *
10	* 1.4731	* 1.6341	* 1.4549	* 1.7379	* 1.6206	* 1.8175	* 1.2549 *	
	* 1.4479	* 1.3063	* 1.4642	* 1.2271	* 1.3163	* 1.1740	* 1.6949 *	
11	* 1.7894	* 1.5546	* 1.7297	* 1.4649	* 1.6342	* 1.7191	* 0.8454 *	
	* 1.1930	* 1.3723	* 1.2329	* 1.4539	* 1.3038	* 1.2388	* 2.5077 *	
12	* 1.7523	* 1.8111	* 1.6065	* 1.6258	* 1.6363	* 0.9437 *		
	* 1.2191	* 1.1788	* 1.3278	* 1.3104	* 1.3002	* 2.2464 *		
13	* 1.5424	* 1.6228	* 1.7997	* 1.7076	* 0.9416 *			
	* 1.3831	* 1.3148	* 1.1854	* 1.2470	* 2.2512 *			
14	* 1.7709	* 1.7454	* 1.2407	* 0.8377 *				
	* 1.2043	* 1.2216	* 1.7140	* 2.5303 *				
15	* 0.9243	* 0.8228	* F-SUB-Q					
	* 2.2948	* 2.5765	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.7417	* 1.5814	* 1.4514	* 1.7630	* 1.7295	* 1.5190	* 1.7444	* 0.9054 *
	* 1.2005	* 1.3212	* 1.4381	* 1.1849	* 1.2083	* 1.3741	* 1.1961	* 2.2932 *
9	* 1.5814	* 1.6253	* 1.6069	* 1.5437	* 1.8102	* 1.6240	* 1.7327	* 0.8245 *
	* 1.3212	* 1.2854	* 1.3000	* 1.3526	* 1.1544	* 1.2857	* 1.2040	* 2.5176 *
10	* 1.4514	* 1.6113	* 1.4314	* 1.7115	* 1.5972	* 1.7923	* 1.2324	*
	* 1.4381	* 1.2965	* 1.4567	* 1.2195	* 1.3071	* 1.1648	* 1.6890	*
11	* 1.7630	* 1.5309	* 1.7032	* 1.4418	* 1.6094	* 1.6936	* 0.8284	*
	* 1.1849	* 1.3638	* 1.2254	* 1.4458	* 1.2958	* 1.2307	* 2.5059	*
12	* 1.7295	* 1.7854	* 1.5828	* 1.6009	* 1.6107	* 0.9269	*	*
	* 1.2083	* 1.1702	* 1.3188	* 1.3025	* 1.2930	* 2.2397	*	*
13	* 1.5190	* 1.5995	* 1.7742	* 1.6819	* 0.9248	*	*	*
	* 1.3741	* 1.3051	* 1.1765	* 1.2391	* 2.2445	*	*	*
14	* 1.7444	* 1.7194	* 1.2180	* 0.8207	*	*	*	*
	* 1.1960	* 1.2132	* 1.7088	* 2.5291	*	*	*	*
15	* 0.9054	* 0.8061	* F-SUB-Q					
	* 2.2932	* 2.5744	* 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	* 1.7159	* 1.5538	* 1.4236	* 1.7200	* 1.6913	* 1.4833	* 1.6925	* 0.8775 *
	* 1.1972	* 1.3211	* 1.4408	* 1.1932	* 1.2135	* 1.3824	* 1.2110	* 2.3250 *
9	* 1.5538	* 1.5940	* 1.5816	* 1.5120	* 1.7766	* 1.5844	* 1.6903	* 0.8188 *
	* 1.3211	* 1.2875	* 1.2978	* 1.3569	* 1.1556	* 1.2944	* 1.2122	* 2.4913 *
10	* 1.4236	* 1.5860	* 1.3999	* 1.6673	* 1.5623	* 1.7530	* 1.2016	*
	* 1.4408	* 1.2942	* 1.4637	* 1.2299	* 1.3128	* 1.1702	* 1.7020	*
11	* 1.7200	* 1.4993	* 1.6592	* 1.4078	* 1.5663	* 1.6539	* 0.8072	*
	* 1.1932	* 1.3682	* 1.2358	* 1.4550	* 1.3081	* 1.2381	* 2.5276	*
12	* 1.6913	* 1.7519	* 1.5482	* 1.5596	* 1.5725	* 0.9231	*	*
	* 1.2135	* 1.1718	* 1.3246	* 1.3140	* 1.3014	* 2.2104	*	*
13	* 1.4833	* 1.5603	* 1.7329	* 1.6424	* 0.9209	*	*	*
	* 1.3824	* 1.3142	* 1.1836	* 1.2467	* 2.2155	*	*	*
14	* 1.6925	* 1.6775	* 1.1875	* 0.7995	*	*	*	*
	* 1.2110	* 1.2214	* 1.7220	* 2.5516	*	*	*	*
15	* 0.8775	* 0.7838	* F-SUB-Q					
	* 2.3250	* 2.6018	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.6713	* 1.5089	* 1.3811	* 1.6478	* 1.6265	* 1.4253	* 1.6162	* 0.8335 *
	* 1.2122	* 1.3415	* 1.4648	* 1.2282	* 1.2440	* 1.4184	* 1.2500	* 2.4143 *
9	* 1.5089	* 1.5436	* 1.5400	* 1.4654	* 1.7215	* 1.5183	* 1.6156	* 0.7767 *
	* 1.3415	* 1.3110	* 1.3145	* 1.3805	* 1.1759	* 1.3315	* 1.2504	* 2.5904 *
10	* 1.3811	* 1.5443	* 1.3545	* 1.5912	* 1.5082	* 1.6879	* 1.1534	*
	* 1.4648	* 1.3109	* 1.4921	* 1.2708	* 1.3407	* 1.1981	* 1.7485	*
11	* 1.6478	* 1.4534	* 1.5835	* 1.3617	* 1.5123	* 1.5878	* 0.7772	*
	* 1.2282	* 1.3918	* 1.2769	* 1.4833	* 1.3363	* 1.2715	* 2.5891	*
12	* 1.6265	* 1.6980	* 1.4949	* 1.5067	* 1.5112	* 0.8880	*	*
	* 1.2440	* 1.1921	* 1.3525	* 1.3413	* 1.3353	* 2.2662	*	*
13	* 1.4253	* 1.4955	* 1.6687	* 1.5768	* 0.8858	*	*	*
	* 1.4184	* 1.3516	* 1.2117	* 1.2803	* 2.2716	*	*	*
14	* 1.6162	* 1.6030	* 1.1398	* 0.7697	*	*	*	*
	* 1.2500	* 1.2601	* 1.7692	* 2.6143	*	*	*	*
15	* 0.8335	* 0.7493	* F-SUB-Q					
	* 2.4143	* 2.6845	* 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	* 1.5708	* 1.4339	* 1.3152	* 1.5575	* 1.5340	* 1.3324	* 1.4737	* 0.7645 *
	* 1.2761	* 1.3967	* 1.5221	* 1.2851	* 1.3044	* 1.5010	* 1.3558	* 2.6044 *
9	* 1.4339	* 1.4784	* 1.4518	* 1.4036	* 1.6238	* 1.4244	* 1.4731	* 0.7164 *
	* 1.3967	* 1.3541	* 1.3790	* 1.4258	* 1.2331	* 1.4038	* 1.3562	* 2.7793 *
10	* 1.3152	* 1.4558	* 1.2945	* 1.5044	* 1.4357	* 1.5697	* 1.0692	*
	* 1.5221	* 1.3759	* 1.5446	* 1.3298	* 1.3929	* 1.2742	* 1.8660	*
11	* 1.5575	* 1.3926	* 1.4982	* 1.2964	* 1.4167	* 1.4757	* 0.7309	*
	* 1.2851	* 1.4370	* 1.3353	* 1.5416	* 1.4111	* 1.3531	* 2.7247	*
12	* 1.5340	* 1.6022	* 1.4236	* 1.4116	* 1.4164	* 0.8427	*	*
	* 1.3044	* 1.2497	* 1.4047	* 1.4161	* 1.4093	* 2.3627	*	*
13	* 1.3324	* 1.4037	* 1.5523	* 1.4656	* 0.8406	*	*	*
	* 1.5010	* 1.4243	* 1.2882	* 1.3623	* 2.3686	*	*	*
14	* 1.4737	* 1.4620	* 1.0570	* 0.7236	*	*	*	*
	* 1.3558	* 1.3664	* 1.8874	* 2.7518	*	*	*	*
15	* 0.7645	* 0.6935	* F-SUB-Q					
	* 2.6044	* 2.8701	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.4157	* 1.2092	* 1.1268	* 1.3928	* 1.2906	* 1.0906	* 1.2050	* 0.6219 *
	* 1.4041	* 1.6434	* 1.7617	* 1.4254	* 1.5379	* 1.8195	* 1.6439	* 3.1784 *
9	* 1.2092	* 1.2766	* 1.3176	* 1.2081	* 1.4466	* 1.1982	* 1.1848	* 0.5858 *
	* 1.6434	* 1.5557	* 1.5071	* 1.6430	* 1.3723	* 1.6552	* 1.6716	* 3.3743 *
10	* 1.1268	* 1.3184	* 1.1280	* 1.3543	* 1.2264	* 1.3355	* 0.8733 *	
	* 1.7617	* 1.5062	* 1.7598	* 1.4651	* 1.6176	* 1.4844	* 2.2669 *	
11	* 1.3928	* 1.1980	* 1.3474	* 1.1112	* 1.2437	* 1.2108	* 0.6177 *	
	* 1.4254	* 1.6572	* 1.4725	* 1.7846	* 1.5934	* 1.6357	* 3.2006 *	
12	* 1.2906	* 1.4263	* 1.2168	* 1.2392	* 1.1879	* 0.7197 *		
	* 1.5379	* 1.3919	* 1.6303	* 1.5991	* 1.6667	* 2.7460 *		
13	* 1.0906	* 1.1819	* 1.3225	* 1.2028	* 0.7176 *			
	* 1.8195	* 1.6779	* 1.4988	* 1.6464	* 2.7538 *			
14	* 1.2050	* 1.1755	* 0.8638	* 0.6115 *				
	* 1.6439	* 1.6848	* 2.2914	* 3.2326 *				
15	* 0.6219	* 0.5743	* F-SUB-Q					
	* 3.1784	* 3.4407	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.6097	* 0.5455	* 0.5347	* 0.6201	* 0.5767	* 0.5021	* 0.4780	* 0.2827 *
	* 3.2441	* 3.6251	* 3.6956	* 3.1861	* 3.4251	* 3.9316	* 4.1248	* 6.9649 *
9	* 0.5455	* 0.5670	* 0.6002	* 0.5557	* 0.6134	* 0.5307	* 0.4677	* 0.2634 *
	* 3.6251	* 3.4855	* 3.2924	* 3.5548	* 3.2197	* 3.7183	* 4.2157	* 7.4737 *
10	* 0.5347	* 0.6003	* 0.5342	* 0.6004	* 0.5486	* 0.5437	* 0.3962 *	
	* 3.6956	* 3.2916	* 3.6976	* 3.2886	* 3.5983	* 3.6288	* 4.9734 *	
11	* 0.6201	* 0.5519	* 0.5985	* 0.5163	* 0.5451	* 0.4742	* 0.2816 *	
	* 3.1861	* 3.5792	* 3.2990	* 3.8220	* 3.6181	* 4.1553	* 6.9915 *	
12	* 0.5767	* 0.6066	* 0.5444	* 0.5432	* 0.4740	* 0.3401 *		
	* 3.4251	* 3.2551	* 3.6258	* 3.6309	* 4.1566	* 5.7874 *		
13	* 0.5021	* 0.5244	* 0.5386	* 0.4714	* 0.3389 *			
	* 3.9316	* 3.7628	* 3.6627	* 4.1796	* 5.8067 *			
14	* 0.4780	* 0.4642	* 0.3923	* 0.2790 *				
	* 4.1248	* 4.2472	* 5.0231	* 7.0580 *				
15	* 0.2827	* 0.2623	* F-SUB-Q					
	* 6.9649	* 7.5026	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	0.7554	0.6970	0.6506	0.7236	0.6698	0.5752	0.4447	0.2586
	3.0654	3.3393	3.6210	3.2226	3.4762	4.0984	4.3855	7.0092
9	0.6970	0.6761	0.7067	0.6617	0.7060	0.6075	0.4798	0.2608
	3.3393	3.4749	3.2824	3.5264	3.2990	3.8520	4.5072	7.4561
10	0.6506	0.7073	0.5954	0.6784	0.6382	0.6085	0.4532	
	3.6210	3.2808	3.5746	3.4002	3.6754	3.7774	5.1589	
11	0.7236	0.6578	0.6771	0.5872	0.6236	0.5454	0.3387	
	3.2226	3.5482	3.4021	3.8419	3.6441	4.1200	6.6212	
12	0.6698	0.7019	0.6363	0.6228	0.5455	0.4043		
	3.4762	3.3202	3.6873	3.6491	4.0632	5.3995		
13	0.5752	0.6040	0.6061	0.5439	0.4025			
	4.0984	3.8736	3.7930	4.1323	5.4239			
14	0.4447	0.4776	0.4510	0.3369				
	4.3855	4.5220	5.1830	6.6560				
15	0.2586	0.2591	F-SUB-Q					
	7.0092	7.4994	M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	1.5886	1.3915	1.2620	1.4666	1.3609	1.1519	1.0751	0.5883
	1.5084	1.7306	1.9239	1.6428	1.7682	2.0771	1.9712	3.4862
9	1.3915	1.3731	1.4295	1.3177	1.5023	1.2349	1.1228	0.5689
	1.7306	1.7365	1.6776	1.8420	1.6035	1.9617	2.0183	3.7742
10	1.2620	1.4308	1.2094	1.3934	1.2823	1.3403	0.9189	
	1.9239	1.6766	1.8950	1.7122	1.8756	1.7727	2.6060	
11	1.4666	1.3135	1.3908	1.1572	1.2798	1.2115	0.6783	
	1.6428	1.8484	1.7131	2.0063	1.8368	1.9160	3.4172	
12	1.3609	1.4916	1.2787	1.2781	1.2019	0.7732		
	1.7682	1.6155	1.8820	1.8396	1.9221	2.9156		
13	1.1519	1.2279	1.3352	1.2081	0.7707			
	2.0771	1.9742	1.7801	1.9216	2.9254			
14	1.0751	1.1188	0.9143	0.6747				
	1.9712	2.0249	2.6188	3.4361				
15	0.5883	0.5607	F-SUB-Q					
	3.4862	3.8282	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 264 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.6605	* 1.5874	* 1.4511	* 1.5798	* 1.5474	* 1.3747	* 1.3555	* 0.7758 *
	* 1.4877	* 1.5621	* 1.7187	* 1.5717	* 1.6036	* 1.7912	* 1.7483	* 2.9785 *
9	* 1.5874	* 1.5804	* 1.4995	* 1.4970	* 1.5933	* 1.4308	* 1.3565	* 0.7258 *
	* 1.5621	* 1.5783	* 1.6574	* 1.6647	* 1.5619	* 1.7265	* 1.7666	* 3.2139 *
10	* 1.4511	* 1.5024	* 1.4229	* 1.5077	* 1.4704	* 1.4868	* 1.1134	*
	* 1.7187	* 1.6551	* 1.7139	* 1.6327	* 1.6905	* 1.6475	* 2.2097	*
11	* 1.5798	* 1.4917	* 1.5054	* 1.3673	* 1.3721	* 1.4070	* 0.8044	*
	* 1.5717	* 1.6706	* 1.6350	* 1.7879	* 1.7661	* 1.6957	* 2.9654	*
12	* 1.5474	* 1.5795	* 1.4655	* 1.3697	* 1.3668	* 0.8859	*	*
	* 1.6036	* 1.5761	* 1.6971	* 1.7704	* 1.7397	* 2.6135	*	*
13	* 1.3747	* 1.4202	* 1.4796	* 1.4028	* 0.8837	*	*	*
	* 1.7912	* 1.7393	* 1.6543	* 1.7013	* 2.6204	*	*	*
14	* 1.3555	* 1.3516	* 1.1074	* 0.8000	*	*	*	*
	* 1.7483	* 1.7728	* 2.2215	* 2.9823	*	*	*	*
15	* 0.7758	* 0.7170	* F-SUB-Q					
	* 2.9785	* 3.2521	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.8363	* 1.7288	* 1.5802	* 1.7521	* 1.7090	* 1.5335	* 1.5914	* 0.8886 *
	* 1.3893	* 1.4815	* 1.6241	* 1.4632	* 1.4934	* 1.6560	* 1.5633	* 2.7599 *
9	* 1.7288	* 1.7319	* 1.6720	* 1.6299	* 1.7764	* 1.5919	* 1.5853	* 0.8126 *
	* 1.4815	* 1.4843	* 1.5340	* 1.5722	* 1.4434	* 1.5978	* 1.5781	* 3.0313 *
10	* 1.5802	* 1.6752	* 1.5291	* 1.6827	* 1.6154	* 1.6819	* 1.2300	*
	* 1.6241	* 1.5310	* 1.6627	* 1.5152	* 1.5861	* 1.5053	* 2.0620	*
11	* 1.7521	* 1.6233	* 1.6798	* 1.4843	* 1.5322	* 1.5829	* 0.8604	*
	* 1.4632	* 1.5786	* 1.5177	* 1.7143	* 1.6307	* 1.5548	* 2.8618	*
12	* 1.7090	* 1.7604	* 1.6092	* 1.5291	* 1.5214	* 0.9354	*	*
	* 1.4934	* 1.4567	* 1.5922	* 1.6352	* 1.6134	* 2.5513	*	*
13	* 1.5335	* 1.5782	* 1.6726	* 1.5776	* 0.9335	*	*	*
	* 1.6560	* 1.6117	* 1.5123	* 1.5604	* 2.5568	*	*	*
14	* 1.5914	* 1.5791	* 1.2225	* 0.8552	*	*	*	*
	* 1.5633	* 1.5842	* 2.0746	* 2.8802	*	*	*	*
15	* 0.8886	* 0.8002	* F-SUB-Q					
	* 2.7599	* 3.0776	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.8791	* 1.7514	* 1.6036	* 1.8057	* 1.7597	* 1.5786	* 1.6765	* 0.9373 *
	* 1.4087	* 1.5085	* 1.6472	* 1.4582	* 1.4908	* 1.6574	* 1.5425	* 2.7372 *
9	* 1.7514	* 1.7531	* 1.7085	* 1.6616	* 1.8296	* 1.6394	* 1.6654	* 0.8565 *
	* 1.5085	* 1.5052	* 1.5459	* 1.5857	* 1.4392	* 1.5968	* 1.5576	* 3.0035 *
10	* 1.6036	* 1.7121	* 1.5729	* 1.7375	* 1.6560	* 1.7444	* 1.2852	*
	* 1.6472	* 1.5426	* 1.6726	* 1.5126	* 1.5861	* 1.5009	* 2.0315	*
11	* 1.8057	* 1.6542	* 1.7341	* 1.5339	* 1.5853	* 1.6439	* 0.8926	*
	* 1.4582	* 1.5929	* 1.5156	* 1.7130	* 1.6321	* 1.5499	* 2.8586	*
12	* 1.7597	* 1.8118	* 1.6489	* 1.5818	* 1.5743	* 0.9664	*	*
	* 1.4908	* 1.4536	* 1.5931	* 1.6371	* 1.6145	* 2.5552	*	*
13	* 1.5786	* 1.6247	* 1.7338	* 1.6378	* 0.9644	*	*	*
	* 1.6574	* 1.6119	* 1.5087	* 1.5561	* 2.5606	*	*	*
14	* 1.6765	* 1.6583	* 1.2769	* 0.8871	*	*	*	*
	* 1.5425	* 1.5644	* 2.0448	* 2.8771	*	*	*	*
15	* 0.9373	* 0.8451	* F-SUB-Q					
	* 2.7372	* 3.0436	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.8883	* 1.7532	* 1.6072	* 1.8297	* 1.7842	* 1.5988	* 1.7187	* 0.9617 *
	* 1.4201	* 1.5313	* 1.6720	* 1.4580	* 1.4913	* 1.6667	* 1.5420	* 2.7476 *
9	* 1.7532	* 1.7598	* 1.7172	* 1.6732	* 1.8535	* 1.6633	* 1.7053	* 0.8800 *
	* 1.5313	* 1.5271	* 1.5666	* 1.5970	* 1.4392	* 1.5947	* 1.5557	* 3.0047 *
10	* 1.6072	* 1.7211	* 1.5891	* 1.7619	* 1.6749	* 1.7761	* 1.3148	*
	* 1.6720	* 1.5630	* 1.6926	* 1.5191	* 1.5868	* 1.4894	* 2.0175	*
11	* 1.8297	* 1.6650	* 1.7580	* 1.5581	* 1.6125	* 1.6764	* 0.9109	*
	* 1.4580	* 1.6050	* 1.5225	* 1.7192	* 1.6325	* 1.5492	* 2.8510	*
12	* 1.7842	* 1.8345	* 1.6669	* 1.6086	* 1.6026	* 0.9852	*	*
	* 1.4913	* 1.4543	* 1.5947	* 1.6379	* 1.6198	* 2.5742	*	*
13	* 1.5988	* 1.6487	* 1.7644	* 1.6696	* 0.9832	*	*	*
	* 1.6667	* 1.6090	* 1.4981	* 1.5558	* 2.5797	*	*	*
14	* 1.7187	* 1.6974	* 1.3056	* 0.9049	*	*	*	*
	* 1.5420	* 1.5631	* 2.0319	* 2.8703	*	*	*	*
15	* 0.9617	* 0.8688	* F-SUB-Q					
	* 2.7476	* 3.0429	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.9114	1.7665	1.6200	1.8654	1.8175	1.6255	1.7687	0.9769
	1.4198	1.5404	1.6814	1.4477	1.4835	1.6592	1.5234	2.7557
9	1.7665	1.7790	1.7430	1.6936	1.8938	1.6965	1.7552	0.8901
	1.5404	1.5314	1.5632	1.5982	1.4258	1.5831	1.5344	3.0225
10	1.6200	1.7470	1.5921	1.7972	1.7025	1.8238	1.3311	
	1.6814	1.5595	1.7148	1.5068	1.5789	1.4645	2.0153	
11	1.8654	1.6847	1.7928	1.5697	1.6510	1.7208	0.9151	
	1.4477	1.6068	1.5105	1.7280	1.6116	1.5327	2.8780	
12	1.8175	1.8739	1.6936	1.6467	1.6429	0.9934		
	1.4836	1.4413	1.5875	1.6170	1.6037	2.6015		
13	1.6255	1.6803	1.8108	1.7133	0.9915			
	1.6592	1.5982	1.4738	1.5395	2.6065			
14	1.7687	1.7466	1.3212	0.9085				
	1.5234	1.5421	2.0303	2.8992				
15	0.9769	0.8770	F-SUB-Q					
	2.7557	3.0673	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	1.8988	1.7535	1.6091	1.8649	1.8205	1.6261	1.7799	0.9797
	1.4551	1.5764	1.7184	1.4715	1.5026	1.6837	1.5420	2.7908
9	1.7535	1.7705	1.7338	1.6878	1.8951	1.7011	1.7660	0.8929
	1.5764	1.5638	1.5953	1.6278	1.4474	1.6004	1.5519	3.0621
10	1.6091	1.7380	1.5834	1.7973	1.7025	1.8318	1.3352	
	1.7184	1.5914	1.7540	1.5284	1.6030	1.4804	2.0356	
11	1.8649	1.6784	1.7925	1.5684	1.6560	1.7294	0.9161	
	1.4715	1.6370	1.5325	1.7554	1.6324	1.5517	2.9201	
12	1.8205	1.8744	1.6929	1.6514	1.6495	0.9957		
	1.5026	1.4636	1.6121	1.6383	1.6241	2.6506		
13	1.6261	1.6839	1.8180	1.7214	0.9938			
	1.6837	1.6165	1.4902	1.5590	2.6555			
14	1.7799	1.7568	1.3248	0.9090				
	1.5420	1.5601	2.0516	2.9426				
15	0.9797	0.8798	F-SUB-Q					
	2.7908	3.1069	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.9140	* 1.7600	* 1.6144	* 1.8899	* 1.8417	* 1.6410	* 1.8137	* 0.9828 *
	* 1.4803	* 1.6118	* 1.7568	* 1.4896	* 1.5225	* 1.7069	* 1.5382	* 2.8257 *
9	* 1.7600	* 1.7814	* 1.7524	* 1.6974	* 1.9242	* 1.7218	* 1.8000	* 0.8917 *
	* 1.6118	* 1.5914	* 1.6181	* 1.6599	* 1.4621	* 1.6196	* 1.5499	* 3.1130 *
10	* 1.6144	* 1.7566	* 1.5732	* 1.8217	* 1.7185	* 1.8664	* 1.3363 *	
	* 1.7568	* 1.6142	* 1.7925	* 1.5435	* 1.6267	* 1.4865	* 2.0798 *	
11	* 1.8899	* 1.6875	* 1.8165	* 1.5659	* 1.6828	* 1.7603	* 0.9092 *	
	* 1.4896	* 1.6697	* 1.5479	* 1.7985	* 1.6386	* 1.5592	* 3.0030 *	
12	* 1.8417	* 1.9028	* 1.7081	* 1.6779	* 1.6776	* 0.9938 *		
	* 1.5225	* 1.4787	* 1.6366	* 1.6447	* 1.6326	* 2.7244 *		
13	* 1.6410	* 1.7036	* 1.8515	* 1.7517	* 0.9920 *			
	* 1.7069	* 1.6367	* 1.4969	* 1.5667	* 2.7289 *			
14	* 1.8137	* 1.7903	* 1.3250	* 0.9027 *				
	* 1.5382	* 1.5583	* 2.0972	* 3.0238 *				
15	* 0.9828	* 0.8752	* F-SUB-Q					
	* 2.8257	* 3.1708	* 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	* 1.8361	* 1.6988	* 1.5604	* 1.8205	* 1.7880	* 1.5932	* 1.7509	* 0.9672 *
	* 1.5894	* 1.7187	* 1.8687	* 1.5894	* 1.6122	* 1.8096	* 1.6417	* 2.9506 *
9	* 1.6988	* 1.7209	* 1.6767	* 1.6546	* 1.8498	* 1.6715	* 1.7358	* 0.8895 *
	* 1.7187	* 1.6974	* 1.7407	* 1.7516	* 1.5620	* 1.7126	* 1.6570	* 3.2081 *
10	* 1.5604	* 1.6813	* 1.5516	* 1.7551	* 1.6698	* 1.8007	* 1.3244 *	
	* 1.8687	* 1.7360	* 1.8839	* 1.6428	* 1.7218	* 1.5797	* 2.1544 *	
11	* 1.8205	* 1.6375	* 1.7498	* 1.5472	* 1.6240	* 1.6984	* 0.9115 *	
	* 1.5894	* 1.7698	* 1.6484	* 1.8718	* 1.7493	* 1.6650	* 3.0813 *	
12	* 1.7880	* 1.8281	* 1.6593	* 1.6190	* 1.6179	* 0.9936 *		
	* 1.6122	* 1.5812	* 1.7326	* 1.7559	* 1.7444	* 2.8129 *		
13	* 1.5932	* 1.6531	* 1.7874	* 1.6896	* 0.9914 *			
	* 1.8096	* 1.7312	* 1.5911	* 1.6732	* 2.8187 *			
14	* 1.7509	* 1.7258	* 1.3130	* 0.9040 *				
	* 1.6417	* 1.6664	* 2.1726	* 3.1054 *				
15	* 0.9672	* 0.8758	* F-SUB-Q					
	* 2.9506	* 3.2573	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.8649	1.7137	1.5713	1.8571	1.8164	1.6133	1.7968	0.9666
	1.6264	1.7700	1.9289	1.6173	1.6460	1.8497	1.6491	3.0389
9	1.7137	1.7399	1.7107	1.6598	1.8943	1.6998	1.7833	0.8786
	1.7700	1.7406	1.7702	1.8109	1.5833	1.7453	1.6620	3.3414
10	1.5713	1.7150	1.5368	1.7908	1.6898	1.8468	1.3170	
	1.9289	1.7657	1.9552	1.6679	1.7638	1.5990	2.2399	
11	1.8571	1.6491	1.7850	1.5368	1.6622	1.7417	0.8939	
	1.6173	1.8224	1.6738	1.9519	1.7737	1.6864	3.2575	
12	1.8164	1.8719	1.6783	1.6562	1.6576	0.9800		
	1.6460	1.6021	1.7754	1.7805	1.7690	2.9644		
13	1.6133	1.6800	1.8310	1.7323	0.9782			
	1.8497	1.7651	1.6109	1.6949	2.9691			
14	1.7968	1.7727	1.3049	0.8870				
	1.6491	1.6716	2.2595	3.2809				
15	0.9666	0.8621	F-SUB-Q					
	3.0389	3.4039	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	1.8347	1.6853	1.5456	1.8359	1.7975	1.5940	1.7824	0.9562
	1.6210	1.7638	1.9205	1.6191	1.6581	1.8691	1.6795	3.1193
9	1.6853	1.7146	1.6843	1.6365	1.8726	1.6831	1.7682	0.8706
	1.7638	1.7348	1.7635	1.8156	1.5881	1.7695	1.6906	3.4233
10	1.5456	1.6887	1.5148	1.7707	1.6704	1.8304	1.3048	
	1.9205	1.7590	1.9617	1.6771	1.7779	1.6256	2.2793	
11	1.8359	1.6255	1.7646	1.5204	1.6473	1.7268	0.8860	
	1.6191	1.8277	1.6831	1.9512	1.7981	1.7164	3.3349	
12	1.7975	1.8499	1.6585	1.6402	1.6427	0.9720		
	1.6581	1.6073	1.7906	1.8057	1.7991	3.0315		
13	1.5940	1.6625	1.8153	1.7170	0.9702			
	1.8691	1.7910	1.6389	1.7261	3.0371			
14	1.7824	1.7572	1.2926	0.8786				
	1.6795	1.7011	2.3007	3.3627				
15	0.9562	0.8560	F-SUB-Q					
	3.1193	3.4800	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.7626	* 1.6258	* 1.4919	* 1.7703	* 1.7439	* 1.5460	* 1.7237	* 0.9359 *
	* 1.6443	* 1.7817	* 1.9377	* 1.6365	* 1.6672	* 1.8793	* 1.6954	* 3.1095 *
9	* 1.6258	* 1.6557	* 1.6157	* 1.5905	* 1.8039	* 1.6329	* 1.7088	* 0.8609 *
	* 1.7817	* 1.7509	* 1.7907	* 1.8209	* 1.6068	* 1.7782	* 1.7081	* 3.3760 *
10	* 1.4919	* 1.6204	* 1.4796	* 1.7084	* 1.6194	* 1.7722	* 1.2831	*
	* 1.9377	* 1.7858	* 1.9538	* 1.6917	* 1.7862	* 1.6362	* 2.2581	*
11	* 1.7703	* 1.5725	* 1.7020	* 1.4904	* 1.5915	* 1.6692	* 0.8775	*
	* 1.6365	* 1.8412	* 1.6986	* 1.9370	* 1.8105	* 1.7273	* 3.2698	*
12	* 1.7439	* 1.7810	* 1.6073	* 1.5849	* 1.5871	* 0.9620	*	*
	* 1.6672	* 1.6270	* 1.7994	* 1.8176	* 1.8092	* 2.9704	*	*
13	* 1.5460	* 1.6122	* 1.7569	* 1.6592	* 0.9599	*	*	*
	* 1.8793	* 1.8005	* 1.6501	* 1.7375	* 2.9767	*	*	*
14	* 1.7237	* 1.6976	* 1.2706	* 0.8693	*	*	*	*
	* 1.6954	* 1.7192	* 2.2801	* 3.3005	*	*	*	*
15	* 0.9359	* 0.8470	* F-SUB-Q					
	* 3.1095	* 3.4300	* 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	* 1.7685	* 1.6186	* 1.4845	* 1.7807	* 1.7489	* 1.5464	* 1.7465	* 0.9243 *
	* 1.5831	* 1.7286	* 1.8795	* 1.5714	* 1.6060	* 1.8123	* 1.6109	* 3.0127 *
9	* 1.6186	* 1.6520	* 1.6264	* 1.5779	* 1.8225	* 1.6402	* 1.7336	* 0.8409 *
	* 1.7286	* 1.6941	* 1.7172	* 1.7712	* 1.5361	* 1.7091	* 1.6212	* 3.3077 *
10	* 1.4845	* 1.6308	* 1.4594	* 1.7207	* 1.6195	* 1.7928	* 1.2607	*
	* 1.8795	* 1.7128	* 1.9088	* 1.6216	* 1.7249	* 1.5625	* 2.2132	*
11	* 1.7807	* 1.5663	* 1.7132	* 1.4610	* 1.6086	* 1.6899	* 0.8499	*
	* 1.5714	* 1.7838	* 1.6284	* 1.9041	* 1.7273	* 1.6450	* 3.2396	*
12	* 1.7489	* 1.7991	* 1.6067	* 1.6009	* 1.6049	* 0.9390	*	*
	* 1.6060	* 1.5553	* 1.7381	* 1.7352	* 1.7227	* 2.9185	*	*
13	* 1.5464	* 1.6183	* 1.7766	* 1.6794	* 0.9373	*	*	*
	* 1.8123	* 1.7314	* 1.5761	* 1.6549	* 2.9235	*	*	*
14	* 1.7465	* 1.7219	* 1.2475	* 0.8426	*	*	*	*
	* 1.6109	* 1.6319	* 2.2358	* 3.2665	*	*	*	*
15	* 0.9243	* 0.8241	* F-SUB-Q					
	* 3.0127	* 3.3726	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.7377	* 1.5848	* 1.4536	* 1.7542	* 1.7232	* 1.5211	* 1.7294	* 0.9067 *
	* 1.5137	* 1.6581	* 1.8016	* 1.4990	* 1.5323	* 1.7305	* 1.5276	* 2.8793 *
9	* 1.5848	* 1.6209	* 1.5988	* 1.5480	* 1.7984	* 1.6181	* 1.7171	* 0.8234 *
	* 1.6581	* 1.6214	* 1.6402	* 1.6957	* 1.4630	* 1.6282	* 1.5373	* 3.1677 *
10	* 1.4536	* 1.6031	* 1.4314	* 1.6970	* 1.5932	* 1.7743	* 1.2355	*
	* 1.8016	* 1.6359	* 1.8247	* 1.5442	* 1.6473	* 1.4842	* 2.1196	*
11	* 1.7542	* 1.5361	* 1.6893	* 1.4352	* 1.5901	* 1.6725	* 0.8292	*
	* 1.4990	* 1.7082	* 1.5509	* 1.8179	* 1.6433	* 1.5635	* 3.1217	*
12	* 1.7232	* 1.7747	* 1.5800	* 1.5822	* 1.5869	* 0.9192	*	*
	* 1.5323	* 1.4816	* 1.6605	* 1.6511	* 1.6391	* 2.8076	*	*
13	* 1.5211	* 1.5954	* 1.7575	* 1.6616	* 0.9171	*	*	*
	* 1.7305	* 1.6503	* 1.4976	* 1.5732	* 2.8136	*	*	*
14	* 1.7294	* 1.7050	* 1.2221	* 0.8219	*	*	*	*
	* 1.5276	* 1.5477	* 2.1419	* 3.1482	*	*	*	*
15	* 0.9067	* 0.8059	* F-SUB-Q					
	* 2.8793	* 3.2339	* 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	* 1.6891	* 1.5415	* 1.4134	* 1.7109	* 1.6835	* 1.4837	* 1.6902	* 0.8860 *
	* 1.4763	* 1.6156	* 1.7563	* 1.4570	* 1.4860	* 1.6808	* 1.4788	* 2.7871 *
9	* 1.5415	* 1.5784	* 1.5549	* 1.5072	* 1.7541	* 1.5805	* 1.6778	* 0.8071 *
	* 1.6156	* 1.5776	* 1.5985	* 1.6513	* 1.4222	* 1.5800	* 1.4891	* 3.0577 *
10	* 1.4134	* 1.5593	* 1.3930	* 1.6565	* 1.5549	* 1.7353	* 1.2098	*
	* 1.7563	* 1.5943	* 1.7775	* 1.5003	* 1.6009	* 1.4389	* 2.0517	*
11	* 1.7109	* 1.4953	* 1.6487	* 1.3993	* 1.5533	* 1.6343	* 0.8135	*
	* 1.4570	* 1.6639	* 1.5071	* 1.7687	* 1.5969	* 1.5189	* 3.0213	*
12	* 1.6835	* 1.7305	* 1.5415	* 1.5453	* 1.5502	* 0.9024	*	*
	* 1.4860	* 1.4408	* 1.6142	* 1.6047	* 1.5937	* 2.7184	*	*
13	* 1.4837	* 1.5576	* 1.7183	* 1.6232	* 0.9007	*	*	*
	* 1.6808	* 1.6021	* 1.4524	* 1.5286	* 2.7231	*	*	*
14	* 1.6902	* 1.6656	* 1.1962	* 0.8060	*	*	*	*
	* 1.4788	* 1.4995	* 2.0740	* 3.0481	*	*	*	*
15	* 0.8860	* 0.7906	* F-SUB-Q					
	* 2.7871	* 3.1194	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.6083	* 1.4782	* 1.3563	* 1.6373	* 1.6192	* 1.4265	* 1.6174	* 0.8611
	* 1.4835	* 1.6113	* 1.7509	* 1.4560	* 1.4770	* 1.6711	* 1.4760	* 2.7404
9	* 1.4782	* 1.5148	* 1.4805	* 1.4528	* 1.6754	* 1.5190	* 1.6037	* 0.7932
	* 1.6113	* 1.5719	* 1.6044	* 1.6393	* 1.4249	* 1.5716	* 1.4882	* 2.9732
10	* 1.3563	* 1.4850	* 1.3492	* 1.5862	* 1.4957	* 1.6633	* 1.1830	*
	* 1.7509	* 1.6012	* 1.7557	* 1.4989	* 1.5921	* 1.4355	* 2.0064	*
11	* 1.6373	* 1.4361	* 1.5785	* 1.3651	* 1.4868	* 1.5640	* 0.8041	*
	* 1.4560	* 1.6573	* 1.5059	* 1.7353	* 1.5966	* 1.5186	* 2.9263	*
12	* 1.6192	* 1.6511	* 1.4824	* 1.4788	* 1.4837	* 0.8881	*	*
	* 1.4770	* 1.4444	* 1.6057	* 1.6048	* 1.5942	* 2.6459	*	*
13	* 1.4265	* 1.4965	* 1.6464	* 1.5531	* 0.8862	*	*	*
	* 1.6711	* 1.5942	* 1.4494	* 1.5287	* 2.6513	*	*	*
14	* 1.6174	* 1.5914	* 1.1696	* 0.7955	*	*	*	*
	* 1.4760	* 1.4992	* 2.0284	* 2.9567	*	*	*	*
15	* 0.8611	* 0.7798	* F-SUB-Q					
	* 2.7404	* 3.0221	* 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	* 1.6228	* 1.4721	* 1.3491	* 1.6474	* 1.6189	* 1.4205	* 1.6337	* 0.8434
	* 1.4112	* 1.5534	* 1.6913	* 1.3917	* 1.4209	* 1.6153	* 1.4063	* 2.6938
9	* 1.4721	* 1.5124	* 1.4944	* 1.4409	* 1.6921	* 1.5198	* 1.6221	* 0.7671
	* 1.5534	* 1.5121	* 1.5291	* 1.5892	* 1.3567	* 1.5123	* 1.4162	* 2.9608
10	* 1.3491	* 1.4986	* 1.3308	* 1.5967	* 1.4914	* 1.6780	* 1.1521	*
	* 1.6913	* 1.5249	* 1.7132	* 1.4337	* 1.5371	* 1.3702	* 1.9843	*
11	* 1.6474	* 1.4287	* 1.5887	* 1.3405	* 1.5004	* 1.5800	* 0.7703	*
	* 1.3917	* 1.6022	* 1.4407	* 1.7018	* 1.5247	* 1.4486	* 2.9446	*
12	* 1.6189	* 1.6685	* 1.4776	* 1.4921	* 1.4976	* 0.8590	*	*
	* 1.4209	* 1.3753	* 1.5509	* 1.5327	* 1.5226	* 2.6384	*	*
13	* 1.4205	* 1.4964	* 1.6605	* 1.5686	* 0.8569	*	*	*
	* 1.6153	* 1.5350	* 1.3840	* 1.4585	* 2.6443	*	*	*
14	* 1.6337	* 1.6095	* 1.1383	* 0.7629	*	*	*	*
	* 1.4063	* 1.4268	* 2.0072	* 2.9719	*	*	*	*
15	* 0.8434	* 0.7501	* F-SUB-Q					
	* 2.6938	* 3.0257	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.5788	* 1.4313	* 1.3106	* 1.5999	* 1.5743	* 1.3787	* 1.5858	* 0.8153
	* 1.3836	* 1.5237	* 1.6610	* 1.3676	* 1.3941	* 1.5886	* 1.3841	* 2.6736
9	* 1.4313	* 1.4713	* 1.4529	* 1.3991	* 1.6449	* 1.4767	* 1.5753	* 0.7424
	* 1.5237	* 1.4828	* 1.5007	* 1.5620	* 1.3322	* 1.4858	* 1.3931	* 2.9359
10	* 1.3106	* 1.4570	* 1.2912	* 1.5502	* 1.4488	* 1.6308	* 1.1158	*
	* 1.6610	* 1.4965	* 1.6858	* 1.4098	* 1.5104	* 1.3464	* 1.9594	*
11	* 1.5999	* 1.3870	* 1.5422	* 1.3011	* 1.4570	* 1.5347	* 0.7450	*
	* 1.3676	* 1.5753	* 1.4169	* 1.6744	* 1.5007	* 1.4259	* 2.9211	*
12	* 1.5743	* 1.6215	* 1.4351	* 1.4488	* 1.4541	* 0.8329	*	*
	* 1.3941	* 1.3509	* 1.5244	* 1.5090	* 1.5007	* 2.6105	*	*
13	* 1.3787	* 1.4535	* 1.6133	* 1.5235	* 0.8309	*	*	*
	* 1.5886	* 1.5089	* 1.3605	* 1.4361	* 2.6166	*	*	*
14	* 1.5858	* 1.5627	* 1.1021	* 0.7377	*	*	*	*
	* 1.3841	* 1.4041	* 1.9832	* 2.9493	*	*	*	*
15	* 0.8153	* 0.7253	* F-SUB-Q					
	* 2.6736	* 3.0030	* 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	* 1.5359	* 1.3886	* 1.2697	* 1.5409	* 1.5192	* 1.3291	* 1.5191	* 0.7809
	* 1.3681	* 1.5105	* 1.6497	* 1.3661	* 1.3896	* 1.5861	* 1.3913	* 2.6916
9	* 1.3886	* 1.4246	* 1.4122	* 1.3532	* 1.5936	* 1.4220	* 1.5168	* 0.7286
	* 1.5105	* 1.4728	* 1.4854	* 1.5542	* 1.3232	* 1.4850	* 1.3929	* 2.8847
10	* 1.2697	* 1.4163	* 1.2473	* 1.4911	* 1.3990	* 1.5741	* 1.0745	*
	* 1.6497	* 1.4812	* 1.6798	* 1.4107	* 1.5053	* 1.3421	* 1.9601	*
11	* 1.5409	* 1.3415	* 1.4834	* 1.2548	* 1.4001	* 1.4798	* 0.7176	*
	* 1.3661	* 1.5675	* 1.4178	* 1.6714	* 1.5037	* 1.4240	* 2.9245	*
12	* 1.5192	* 1.5707	* 1.3858	* 1.3930	* 1.4021	* 0.8199	*	*
	* 1.3896	* 1.3420	* 1.5193	* 1.5096	* 1.4990	* 2.5570	*	*
13	* 1.3291	* 1.3995	* 1.5552	* 1.4689	* 0.8179	*	*	*
	* 1.5861	* 1.5083	* 1.3581	* 1.4343	* 2.5633	*	*	*
14	* 1.5191	* 1.5048	* 1.0613	* 0.7104	*	*	*	*
	* 1.3913	* 1.4037	* 1.9840	* 2.9535	*	*	*	*
15	* 0.7809	* 0.6971	* F-SUB-Q					
	* 2.6916	* 3.0133	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 273 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.4789	* 1.3334	* 1.2183	* 1.4600	* 1.4436	* 1.2625	* 1.4333	* 0.7340 *
	* 1.3776	* 1.5253	* 1.6676	* 1.3990	* 1.4177	* 1.6199	* 1.4305	* 2.7836 *
9	* 1.3334	* 1.3640	* 1.3596	* 1.2968	* 1.5263	* 1.3467	* 1.4326	* 0.6837 *
	* 1.5253	* 1.4914	* 1.4962	* 1.5729	* 1.3396	* 1.5208	* 1.4309	* 2.9875 *
10	* 1.2183	* 1.3635	* 1.1938	* 1.4067	* 1.3352	* 1.4976	* 1.0199	*
	* 1.6676	* 1.4919	* 1.7029	* 1.4502	* 1.5296	* 1.3681	* 2.0050	*
11	* 1.4600	* 1.2858	* 1.3995	* 1.2004	* 1.3355	* 1.4043	* 0.6837	*
	* 1.3990	* 1.5861	* 1.4575	* 1.6940	* 1.5276	* 1.4560	* 2.9824	*
12	* 1.4436	* 1.5048	* 1.3229	* 1.3303	* 1.3322	* 0.7802	*	*
	* 1.4177	* 1.3584	* 1.5436	* 1.5335	* 1.5311	* 2.6097	*	*
13	* 1.2625	* 1.3258	* 1.4798	* 1.3940	* 0.7782	*	*	*
	* 1.6199	* 1.5443	* 1.3842	* 1.4665	* 2.6165	*	*	*
14	* 1.4333	* 1.4211	* 1.0073	* 0.6767	*	*	*	*
	* 1.4305	* 1.4424	* 2.0296	* 3.0127	*	*	*	*
15	* 0.7340	* 0.6594	* F-SUB-Q					
	* 2.7836	* 3.0963	* 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	* 1.3752	* 1.2534	* 1.1480	* 1.3639	* 1.3462	* 1.1673	* 1.2924	* 0.6666 *
	* 1.4470	* 1.5847	* 1.7289	* 1.4608	* 1.4842	* 1.7117	* 1.5501	* 2.9997 *
9	* 1.2534	* 1.2922	* 1.2681	* 1.2286	* 1.4237	* 1.2493	* 1.2919	* 0.6245 *
	* 1.5847	* 1.5369	* 1.5667	* 1.6211	* 1.4020	* 1.6008	* 1.5506	* 3.2019 *
10	* 1.1480	* 1.2717	* 1.1288	* 1.3151	* 1.2569	* 1.3770	* 0.9355	*
	* 1.7289	* 1.5624	* 1.7590	* 1.5135	* 1.5864	* 1.4528	* 2.1373	*
11	* 1.3639	* 1.2187	* 1.3094	* 1.1308	* 1.2375	* 1.2908	* 0.6366	*
	* 1.4608	* 1.6341	* 1.5199	* 1.7566	* 1.6102	* 1.5473	* 3.1342	*
12	* 1.3463	* 1.4042	* 1.2459	* 1.2328	* 1.2352	* 0.7330	*	*
	* 1.4842	* 1.4212	* 1.6003	* 1.6162	* 1.6132	* 2.7165	*	*
13	* 1.1673	* 1.2306	* 1.3612	* 1.2815	* 0.7310	*	*	*
	* 1.7117	* 1.6249	* 1.4695	* 1.5583	* 2.7239	*	*	*
14	* 1.2924	* 1.2818	* 0.9244	* 0.6300	*	*	*	*
	* 1.5501	* 1.5627	* 2.1627	* 3.1666	*	*	*	*
15	* 0.6666	* 0.6044	* F-SUB-Q					
	* 2.9997	* 3.3070	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 274 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.2265	* 1.0456	* 0.9736	* 1.2062	* 1.1195	* 0.9454	* 1.0449	* 0.5370
	* 1.5931	* 1.8672	* 2.0043	* 1.6218	* 1.7522	* 2.0781	* 1.8849	* 3.6674
9	* 1.0456	* 1.1033	* 1.1381	* 1.0468	* 1.2549	* 1.0391	* 1.0274	* 0.5058
	* 1.8672	* 1.7683	* 1.7138	* 1.8702	* 1.5626	* 1.8913	* 1.9170	* 3.8939
10	* 0.9736	* 1.1387	* 0.9740	* 1.1714	* 1.0619	* 1.1582	* 0.7562	*
	* 2.0043	* 1.7128	* 2.0018	* 1.6695	* 1.8436	* 1.6968	* 2.6013	*
11	* 1.2062	* 1.0368	* 1.1652	* 0.9591	* 1.0744	* 1.0477	* 0.5329	*
	* 1.6218	* 1.8871	* 1.6783	* 2.0356	* 1.8223	* 1.8732	* 3.6867	*
12	* 1.1195	* 1.2369	* 1.0533	* 1.0703	* 1.0251	* 0.6201	*	*
	* 1.7522	* 1.5852	* 1.8585	* 1.8292	* 1.9102	* 3.1608	*	*
13	* 0.9454	* 1.0246	* 1.1465	* 1.0405	* 0.6182	*	*	*
	* 2.0781	* 1.9179	* 1.7140	* 1.8861	* 3.1704	*	*	*
14	* 1.0449	* 1.0191	* 0.7478	* 0.5274	*	*	*	*
	* 1.8849	* 1.9326	* 2.6305	* 3.7251	*	*	*	*
15	* 0.5370	* 0.4958	* F-SUB-Q					
	* 3.6674	* 3.9709	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.5196	* 0.4649	* 0.4551	* 0.5284	* 0.4922	* 0.4288	* 0.4080	* 0.2407
	* 3.7038	* 4.1416	* 4.2291	* 3.6464	* 3.9243	* 4.5183	* 4.7609	* 8.0790
9	* 0.4649	* 0.4826	* 0.5106	* 0.4739	* 0.5235	* 0.4533	* 0.3992	* 0.2244
	* 4.1416	* 3.9859	* 3.7663	* 4.0717	* 3.6914	* 4.2727	* 4.8650	* 8.6689
10	* 0.4551	* 0.5107	* 0.4547	* 0.5109	* 0.4677	* 0.4639	* 0.3381	*
	* 4.2291	* 3.7654	* 4.2293	* 3.7706	* 4.1300	* 4.1754	* 5.7410	*
11	* 0.5284	* 0.4705	* 0.5093	* 0.4393	* 0.4638	* 0.4037	* 0.2397	*
	* 3.6464	* 4.0998	* 3.7830	* 4.3842	* 4.1634	* 4.7946	* 8.0944	*
12	* 0.4922	* 0.5176	* 0.4641	* 0.4621	* 0.4028	* 0.2890	*	*
	* 3.9243	* 3.7331	* 4.1627	* 4.1788	* 4.7978	* 6.6959	*	*
13	* 0.4288	* 0.4477	* 0.4594	* 0.4012	* 0.2879	*	*	*
	* 4.5183	* 4.3254	* 4.2160	* 4.8241	* 6.7194	*	*	*
14	* 0.4080	* 0.3962	* 0.3346	* 0.2373	*	*	*	*
	* 4.7609	* 4.9026	* 5.8005	* 8.1744	*	*	*	*
15	* 0.2407	* 0.2234	* F-SUB-Q					
	* 8.0790	* 8.7033	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 0.8295	* 0.7631	* 0.7064	* 0.7932	* 0.7357	* 0.6290	* 0.4869	* 0.2755
	* 3.4012	* 3.7258	* 4.0969	* 3.5674	* 3.8337	* 4.5620	* 4.8598	* 7.9639
9	* 0.7631	* 0.7397	* 0.7696	* 0.7223	* 0.7762	* 0.6648	* 0.5244	* 0.2776
	* 3.7258	* 3.8774	* 3.6749	* 3.9167	* 3.6309	* 4.2556	* 5.0036	* 8.4906
10	* 0.7064	* 0.7702	* 0.6442	* 0.7414	* 0.6955	* 0.6685	* 0.4899	
	* 4.0969	* 3.6731	* 4.0233	* 3.7962	* 4.0789	* 4.1509	* 5.8168	
11	* 0.7932	* 0.7175	* 0.7396	* 0.6346	* 0.6772	* 0.5925	* 0.3601	
	* 3.5674	* 3.9441	* 3.7994	* 4.3302	* 4.0624	* 4.5829	* 7.5231	
12	* 0.7357	* 0.7705	* 0.6930	* 0.6761	* 0.5882	* 0.4291		
	* 3.8337	* 3.6596	* 4.0967	* 4.0698	* 4.6091	* 6.2022		
13	* 0.6290	* 0.6602	* 0.6652	* 0.5904	* 0.4271			
	* 4.5620	* 4.2845	* 4.1726	* 4.6001	* 6.2329			
14	* 0.4869	* 0.5216	* 0.4870	* 0.3580				
	* 4.8598	* 5.0237	* 5.8493	* 7.5690				
15	* 0.2755	* 0.2757	* F-SUB-Q					
	* 7.9639	* 8.5440	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.7917	* 1.5663	* 1.4067	* 1.6485	* 1.5366	* 1.2939	* 1.2056	* 0.6403
	* 1.6439	* 1.8907	* 2.1301	* 1.7863	* 1.9143	* 2.2781	* 2.1543	* 3.9191
9	* 1.5663	* 1.5426	* 1.5937	* 1.4779	* 1.6936	* 1.3909	* 1.2591	* 0.6186
	* 1.8907	* 1.9058	* 1.8545	* 2.0094	* 1.7375	* 2.1258	* 2.2110	* 4.2532
10	* 1.4067	* 1.5953	* 1.3416	* 1.5599	* 1.4389	* 1.5101	* 1.0176	
	* 2.1301	* 1.8533	* 2.1016	* 1.8862	* 2.0401	* 1.9181	* 2.8988	
11	* 1.6485	* 1.4722	* 1.5561	* 1.2814	* 1.4219	* 1.3475	* 0.7368	
	* 1.7863	* 2.0179	* 1.8879	* 2.2287	* 2.0163	* 2.0998	* 3.8346	
12	* 1.5366	* 1.6792	* 1.4331	* 1.4194	* 1.3250	* 0.8386		
	* 1.9143	* 1.7530	* 2.0491	* 2.0203	* 2.1317	* 3.2880		
13	* 1.2939	* 1.3810	* 1.5025	* 1.3427	* 0.8355			
	* 2.2781	* 2.1419	* 1.9284	* 2.1077	* 3.3003			
14	* 1.2056	* 1.2535	* 1.0114	* 0.7323				
	* 2.1543	* 2.2201	* 2.9161	* 3.8593				
15	* 0.6403	* 0.6092	* F-SUB-Q					
	* 3.9191	* 4.3164	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.8705	1.7888	1.6216	1.7750	1.7480	1.5470	1.5234	0.8470
	1.6338	1.7148	1.9145	1.7232	1.7487	1.9786	1.9272	3.3721
9	1.7888	1.7801	1.6755	1.6797	1.7910	1.6128	1.5233	0.7912
	1.7148	1.7432	1.8489	1.8299	1.7118	1.9049	1.9513	3.6470
10	1.6216	1.6790	1.5796	1.6839	1.6486	1.6731	1.2357	
	1.9145	1.8458	1.9172	1.8161	1.8534	1.8018	2.4754	
11	1.7750	1.6725	1.6806	1.5155	1.5251	1.5656	0.8755	
	1.7232	1.8456	1.8195	2.0033	1.9508	1.8719	3.3487	
12	1.7480	1.7733	1.6418	1.5217	1.5070	0.9619		
	1.7487	1.7295	1.8625	1.9568	1.9385	2.9578		
13	1.5470	1.5988	1.6629	1.5596	0.9591			
	1.9786	1.9217	1.8112	1.8795	2.9667			
14	1.5234	1.5167	1.2277	0.8700				
	1.9272	1.9595	2.4912	3.3708				
15	0.8470	0.7810	F-SUB-Q					
	3.3721	3.6929	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	2.0553	1.9358	1.7546	1.9558	1.9243	1.7156	1.7800	0.9668
	1.5499	1.6514	1.8425	1.6353	1.6699	1.8614	1.7517	3.1732
9	1.9358	1.9381	1.8571	1.8170	1.9842	1.7841	1.7717	0.8827
	1.6514	1.6703	1.7397	1.7766	1.6159	1.7936	1.7719	3.4932
10	1.7546	1.8610	1.6868	1.8678	1.8013	1.8817	1.3584	
	1.8425	1.7360	1.8948	1.7167	1.7755	1.6738	2.3488	
11	1.9558	1.8084	1.8637	1.6353	1.6934	1.7520	0.9328	
	1.6353	1.7851	1.7203	1.9563	1.8307	1.7441	3.2815	
12	1.9243	1.9641	1.7929	1.6892	1.6688	1.0110		
	1.6699	1.6332	1.7853	1.8369	1.8256	2.9302		
13	1.7156	1.7665	1.8693	1.7448	1.0086			
	1.8614	1.8116	1.6833	1.7519	2.9376			
14	1.7800	1.7637	1.3487	0.9263				
	1.7517	1.7799	2.3656	3.3054				
15	0.9669	0.8686	F-SUB-Q					
	3.1732	3.5488	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 2.0824	* 1.9401	* 1.7634	* 1.9967	* 1.9624	* 1.7498	* 1.8593	* 1.0131
	* 1.6102	* 1.7362	* 1.9151	* 1.6831	* 1.7067	* 1.9088	* 1.7705	* 3.2191
9	* 1.9401	* 1.9421	* 1.8797	* 1.8345	* 2.0244	* 1.8205	* 1.8455	* 0.9243
	* 1.7362	* 1.7404	* 1.7962	* 1.8342	* 1.6608	* 1.8364	* 1.7913	* 3.5400
10	* 1.7634	* 1.8839	* 1.7195	* 1.9110	* 1.8297	* 1.9341	* 1.4080	*
	* 1.9151	* 1.7921	* 1.9535	* 1.7561	* 1.8324	* 1.7032	* 2.3682	*
11	* 1.9967	* 1.8250	* 1.9064	* 1.6751	* 1.7371	* 1.8043	* 0.9609	*
	* 1.6831	* 1.8439	* 1.7604	* 2.0029	* 1.8746	* 1.7761	* 3.3333	*
12	* 1.9624	* 2.0025	* 1.8203	* 1.7325	* 1.7128	* 1.0372	*	*
	* 1.7067	* 1.6793	* 1.8421	* 1.8815	* 1.8701	* 3.0014	*	*
13	* 1.7498	* 1.8017	* 1.9202	* 1.7963	* 1.0347	*	*	*
	* 1.9088	* 1.8549	* 1.7138	* 1.7846	* 3.0088	*	*	*
14	* 1.8593	* 1.8364	* 1.3975	* 0.9541	*	*	*	*
	* 1.7705	* 1.8002	* 2.3860	* 3.3579	*	*	*	*
15	* 1.0131	* 0.9113	* F-SUB-Q					
	* 3.2191	* 3.5895	* 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	* 2.0687	* 1.9196	* 1.7479	* 2.0010	* 1.9674	* 1.7532	* 1.8867	* 1.0305
	* 1.6825	* 1.8145	* 1.9949	* 1.7294	* 1.7547	* 1.9748	* 1.8230	* 3.3278
9	* 1.9196	* 1.9226	* 1.8683	* 1.8273	* 2.0287	* 1.8274	* 1.8704	* 0.9416
	* 1.8145	* 1.8170	* 1.8682	* 1.8978	* 1.7065	* 1.8837	* 1.8415	* 3.6455
10	* 1.7479	* 1.8729	* 1.7189	* 1.9174	* 1.8307	* 1.9486	* 1.4265	*
	* 1.9949	* 1.8635	* 2.0355	* 1.8143	* 1.8837	* 1.7598	* 2.4164	*
11	* 2.0010	* 1.8172	* 1.9123	* 1.6842	* 1.7490	* 1.8218	* 0.9721	*
	* 1.7294	* 1.9087	* 1.8192	* 2.0683	* 1.9567	* 1.8502	* 3.4733	*
12	* 1.9674	* 2.0058	* 1.8205	* 1.7440	* 1.7271	* 1.0483	*	*
	* 1.7547	* 1.7264	* 1.8946	* 1.9643	* 1.9482	* 3.1154	*	*
13	* 1.7532	* 1.8091	* 1.9336	* 1.8131	* 1.0458	*	*	*
	* 1.9748	* 1.9031	* 1.7722	* 1.8596	* 3.1233	*	*	*
14	* 1.8867	* 1.8606	* 1.4152	* 0.9650	*	*	*	*
	* 1.8230	* 1.8514	* 2.4361	* 3.5000	*	*	*	*
15	* 1.0305	* 0.9289	* F-SUB-Q					
	* 3.3278	* 3.6942	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 2.0677	* 1.9096	* 1.7400	* 2.0157	* 1.9795	* 1.7609	* 1.9190	* 1.0362
	* 1.7468	* 1.8900	* 2.0746	* 1.7791	* 1.8050	* 2.0286	* 1.8604	* 3.4478
9	* 1.9096	* 1.9197	* 1.8734	* 1.8271	* 2.0482	* 1.8415	* 1.9030	* 0.9429
	* 1.8900	* 1.8811	* 1.9271	* 1.9650	* 1.7509	* 1.9333	* 1.8753	* 3.7868
10	* 1.7400	* 1.8781	* 1.7018	* 1.9328	* 1.8389	* 1.9774	* 1.4283	*
	* 2.0746	* 1.9223	* 2.1280	* 1.8562	* 1.9421	* 1.7968	* 2.4903	*
11	* 2.0157	* 1.8164	* 1.9273	* 1.6772	* 1.7708	* 1.8494	* 0.9666	*
	* 1.7791	* 1.9768	* 1.8616	* 2.1443	* 2.0052	* 1.9141	* 3.6512	*
12	* 1.9795	* 2.0245	* 1.8278	* 1.7655	* 1.7515	* 1.0464	*	*
	* 1.8050	* 1.7717	* 1.9541	* 2.0122	* 2.0208	* 3.3032	*	*
13	* 1.7609	* 1.8218	* 1.9613	* 1.8401	* 1.0441	*	*	*
	* 2.0286	* 1.9542	* 1.8101	* 1.9238	* 3.3109	*	*	*
14	* 1.9190	* 1.8926	* 1.4164	* 0.9589	*	*	*	*
	* 1.8604	* 1.8858	* 2.5113	* 3.6804	*	*	*	*
15	* 1.0362	* 0.9282	* F-SUB-Q					
	* 3.4478	* 3.8457	* 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	* 2.0258	* 1.8693	* 1.7052	* 1.9886	* 1.9558	* 1.7383	* 1.9064	* 1.0272
	* 1.8625	* 2.0190	* 2.2145	* 1.8850	* 1.9115	* 2.1539	* 1.9550	* 3.6169
9	* 1.8693	* 1.8844	* 1.8387	* 1.7969	* 2.0228	* 1.8224	* 1.8902	* 0.9351
	* 2.0190	* 2.0072	* 2.0542	* 2.0891	* 1.8530	* 2.0425	* 1.9728	* 3.9737
10	* 1.7052	* 1.8435	* 1.6707	* 1.9080	* 1.8148	* 1.9605	* 1.4153	*
	* 2.2145	* 2.0488	* 2.2732	* 1.9665	* 2.0548	* 1.8896	* 2.6319	*
11	* 1.9886	* 1.7858	* 1.9022	* 1.6548	* 1.7540	* 1.8357	* 0.9568	*
	* 1.8850	* 2.1024	* 1.9737	* 2.2754	* 2.1074	* 2.0080	* 3.8424	*
12	* 1.9558	* 1.9987	* 1.8032	* 1.7484	* 1.7375	* 1.0373	*	*
	* 1.9115	* 1.8757	* 2.0683	* 2.1160	* 2.1191	* 3.5271	*	*
13	* 1.7383	* 1.8020	* 1.9449	* 1.8260	* 1.0350	*	*	*
	* 2.1539	* 2.0657	* 1.9043	* 2.0188	* 3.5348	*	*	*
14	* 1.9064	* 1.8793	* 1.4030	* 0.9487	*	*	*	*
	* 1.9550	* 1.9843	* 2.6552	* 3.8750	*	*	*	*
15	* 1.0272	* 0.9207	* F-SUB-Q					
	* 3.6169	* 4.0346	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 2.0138	* 1.8500	* 1.6875	* 1.9883	* 1.9515	* 1.7304	* 1.9167	* 1.0182
	* 1.9641	* 2.1367	* 2.3419	* 1.9738	* 2.0035	* 2.2577	* 2.0334	* 3.8213
9	* 1.8500	* 1.8701	* 1.8335	* 1.7828	* 2.0265	* 1.8199	* 1.9012	* 0.9227
	* 2.1367	* 2.1131	* 2.1549	* 2.2032	* 1.9356	* 2.1376	* 2.0498	* 4.2145
10	* 1.6875	* 1.8382	* 1.6394	* 1.9085	* 1.8076	* 1.9711	* 1.3985	*
	* 2.3419	* 2.1493	* 2.3985	* 2.0530	* 2.1596	* 1.9691	* 2.7781	*
11	* 1.9883	* 1.7713	* 1.9024	* 1.6307	* 1.7609	* 1.8447	* 0.9383	*
	* 1.9738	* 2.2176	* 2.0608	* 2.4092	* 2.2001	* 2.0951	* 4.1030	*
12	* 1.9515	* 2.0021	* 1.7953	* 1.7539	* 1.7453	* 1.0231	*	*
	* 2.0035	* 1.9594	* 2.1744	* 2.2093	* 2.2126	* 3.7544	*	*
13	* 1.7304	* 1.7987	* 1.9534	* 1.8345	* 1.0210	*	*	*
	* 2.2577	* 2.1628	* 1.9849	* 2.1067	* 3.7619	*	*	*
14	* 1.9167	* 1.8899	* 1.3854	* 0.9310	*	*	*	*
	* 2.0334	* 2.0621	* 2.8039	* 4.1346	*	*	*	*
15	* 1.0182	* 0.9050	* F-SUB-Q					
	* 3.8213	* 4.2958	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 1.9037	* 1.7597	* 1.6072	* 1.8879	* 1.8669	* 1.6564	* 1.8240	* 0.9891
	* 2.2067	* 2.3862	* 2.6111	* 2.2052	* 2.2204	* 2.4984	* 2.2543	* 4.1340
9	* 1.7597	* 1.7804	* 1.7295	* 1.7135	* 1.9209	* 1.7417	* 1.8074	* 0.9088
	* 2.3862	* 2.3548	* 2.4245	* 2.4354	* 2.1595	* 2.3670	* 2.2764	* 4.4997
10	* 1.6072	* 1.7345	* 1.5937	* 1.8131	* 1.7294	* 1.8763	* 1.3674	*
	* 2.6111	* 2.4175	* 2.6328	* 2.2894	* 2.3944	* 2.1892	* 3.0053	*
11	* 1.8879	* 1.6946	* 1.8069	* 1.5897	* 1.6750	* 1.7556	* 0.9290	*
	* 2.2052	* 2.4626	* 2.2982	* 2.6199	* 2.4532	* 2.3348	* 4.3892	*
12	* 1.8669	* 1.8963	* 1.7171	* 1.6691	* 1.6609	* 1.0104	*	*
	* 2.2204	* 2.1939	* 2.4113	* 2.4638	* 2.4665	* 4.0326	*	*
13	* 1.6564	* 1.7207	* 1.8607	* 1.7454	* 1.0078	*	*	*
	* 2.4984	* 2.3954	* 2.2072	* 2.3480	* 4.0423	*	*	*
14	* 1.8241	* 1.7960	* 1.3545	* 0.9208	*	*	*	*
	* 2.2543	* 2.2906	* 3.0332	* 4.4269	*	*	*	*
15	* 0.9891	* 0.8942	* F-SUB-Q					
	* 4.1340	* 4.5718	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.9053	1.7485	1.5958	1.8986	1.8686	1.6525	1.8450	0.9754
	2.3326	2.5400	2.7805	2.3379	2.3675	2.6721	2.3813	4.4739
9	1.7485	1.7741	1.7394	1.6939	1.9388	1.7453	1.8303	0.8858
	2.5400	2.5055	2.5521	2.6219	2.2858	2.5164	2.4006	4.9235
10	1.5958	1.7440	1.5573	1.8240	1.7273	1.8957	1.3408	
	2.7805	2.5454	2.8502	2.4189	2.5516	2.3051	3.2618	
11	1.8986	1.6821	1.8174	1.5568	1.6921	1.7755	0.8991	
	2.3379	2.6403	2.4285	2.8470	2.5765	2.4482	4.7997	
12	1.8686	1.9142	1.7144	1.6843	1.6788	0.9837		
	2.3675	2.3157	2.5701	2.5877	2.5832	4.3730		
13	1.6525	1.7232	1.8792	1.7648	0.9816			
	2.6721	2.5477	2.3244	2.4622	4.3813			
14	1.8450	1.8185	1.3274	0.8915				
	2.3813	2.4157	3.2932	4.8378				
15	0.9754	0.8685	F-SUB-Q					
	4.4739	5.0188	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	1.8463	1.6936	1.5468	1.8490	1.8210	1.6086	1.8031	0.9518
	2.3507	2.5602	2.7998	2.3458	2.3897	2.7060	2.4295	4.6005
9	1.6936	1.7220	1.6874	1.6457	1.8885	1.7024	1.7880	0.8659
	2.5602	2.5200	2.5680	2.6354	2.2992	2.5566	2.4466	5.0534
10	1.5468	1.6920	1.5129	1.7774	1.6822	1.8521	1.3096	
	2.7998	2.5611	2.8667	2.4376	2.5778	2.3485	3.3275	
11	1.8490	1.6338	1.7708	1.5185	1.6530	1.7353	0.8794	
	2.3458	2.6545	2.4481	2.8537	2.6182	2.4982	4.9282	
12	1.8210	1.8640	1.6691	1.6451	1.6406	0.9629		
	2.3897	2.3291	2.5982	2.6310	2.6341	4.4858		
13	1.6086	1.6800	1.8354	1.7244	0.9608			
	2.7060	2.5906	2.3700	2.5141	4.4956			
14	1.8031	1.7760	1.2964	0.8715				
	2.4295	2.4631	3.3618	4.9733				
15	0.9518	0.8508	F-SUB-Q					
	4.6005	5.1407	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.7468	1.6089	1.4709	1.7562	1.7395	1.5366	1.7170	0.9187
	2.4163	2.6208	2.8620	2.4023	2.4353	2.7574	2.4875	4.6474
9	1.6089	1.6378	1.5945	1.5761	1.7944	1.6264	1.7017	0.8444
	2.6208	2.5772	2.6420	2.6790	2.3570	2.6038	2.5057	5.0501
10	1.4709	1.5993	1.4559	1.6903	1.6066	1.7661	1.2692	
	2.8620	2.6343	2.8942	2.4908	2.6238	2.3955	3.3401	
11	1.7562	1.5573	1.6828	1.4671	1.5735	1.6526	0.8591	
	2.4023	2.7095	2.5021	2.8687	2.6702	2.5467	4.8931	
12	1.7395	1.7678	1.5936	1.5656	1.5624	0.9400		
	2.4353	2.3887	2.6452	2.6833	2.6823	4.4497		
13	1.5366	1.6044	1.7495	1.6418	0.9378			
	2.7574	2.6395	2.4182	2.5636	4.4607			
14	1.7170	1.6897	1.2558	0.8505				
	2.4875	2.5235	3.3757	4.9430				
15	0.9187	0.8302	F-SUB-Q					
	4.6474	5.1342	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	1.7249	1.5767	1.4412	1.7397	1.7170	1.5130	1.7130	0.8942
	2.3305	2.5474	2.7768	2.3075	2.3497	2.6577	2.3564	4.4565
9	1.5767	1.6090	1.5808	1.5392	1.7828	1.6085	1.7000	0.8131
	2.5474	2.4968	2.5344	2.6044	2.2531	2.5016	2.3720	4.8962
10	1.4412	1.5852	1.4148	1.6771	1.5820	1.7593	1.2285	
	2.7768	2.5276	2.8195	2.3837	2.5317	2.2851	3.2552	
11	1.7397	1.5271	1.6692	1.4170	1.5669	1.6485	0.8203	
	2.3075	2.6239	2.3943	2.8092	2.5397	2.4165	4.8061	
12	1.7170	1.7587	1.5685	1.5588	1.5572	0.9049		
	2.3497	2.2824	2.5523	2.5522	2.5408	4.3352		
13	1.5130	1.5856	1.7421	1.6374	0.9030			
	2.6577	2.5360	2.3064	2.4321	4.3436			
14	1.7130	1.6878	1.2149	0.8128				
	2.3564	2.3883	3.2901	4.8488				
15	0.8942	0.7963	F-SUB-Q					
	4.4565	4.9949	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
Appendix A, Rev. 2  
Page 282 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.6687	1.5200	1.3897	1.6878	1.6654	1.4651	1.6702	0.8648
	2.1550	2.3629	2.5735	2.1300	2.1700	2.4578	2.1650	4.1310
9	1.5200	1.5545	1.5304	1.4870	1.7325	1.5622	1.6580	0.7849
	2.3629	2.3100	2.3403	2.4130	2.0770	2.3086	2.1794	4.5473
10	1.3897	1.5347	1.3672	1.6292	1.5327	1.7146	1.1862	
	2.5735	2.3340	2.6082	2.1981	2.3419	2.1032	3.0229	
11	1.6878	1.4749	1.6212	1.3718	1.5260	1.6074	0.7891	
	2.1300	2.4318	2.2084	2.5975	2.3379	2.2225	4.4820	
12	1.6654	1.7085	1.5191	1.5178	1.5175	0.8736		
	2.1700	2.1047	2.3618	2.3499	2.3362	4.0222		
13	1.4651	1.5391	1.6971	1.5961	0.8714			
	2.4578	2.3417	2.1236	2.2374	4.0317			
14	1.6702	1.6456	1.1726	0.7817				
	2.1650	2.1950	3.0566	4.5227				
15	0.8648	0.7678	F-SUB-Q					
	4.1310	4.6445	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	1.5986	1.4570	1.3323	1.6224	1.6030	1.4085	1.6085	0.8336
	2.0055	2.1971	2.3935	1.9788	2.0151	2.2866	2.0143	3.8437
9	1.4570	1.4919	1.4673	1.4273	1.6656	1.5037	1.5965	0.7591
	2.1971	2.1463	2.1768	2.2450	1.9304	2.1452	2.0275	4.2175
10	1.3323	1.4716	1.3119	1.5677	1.4743	1.6523	1.1454	
	2.3935	2.1708	2.4257	2.0402	2.1747	1.9517	2.8021	
11	1.6224	1.4154	1.5598	1.3188	1.4696	1.5485	0.7639	
	1.9788	2.2629	2.0500	2.4119	2.1723	2.0658	4.1477	
12	1.6030	1.6421	1.4608	1.4615	1.4620	0.8464		
	2.0151	1.9566	2.1938	2.1838	2.1730	3.7190		
13	1.4085	1.4809	1.6350	1.5372	0.8446			
	2.2866	2.1768	1.9713	2.0801	3.7264			
14	1.6085	1.5842	1.1318	0.7565				
	2.0143	2.0425	2.8343	4.1869				
15	0.8336	0.7431	F-SUB-Q					
	3.8437	4.3044	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.5016	* 1.3779	* 1.2612	* 1.5310	* 1.5197	* 1.3354	* 1.5171	* 0.7995 *
	* 1.9115	* 2.0790	* 2.2635	* 1.8788	* 1.9062	* 2.1652	* 1.9233	* 3.6200 *
9	* 1.3779	* 1.4121	* 1.3781	* 1.3580	* 1.5717	* 1.4247	* 1.5042	* 0.7362 *
	* 2.0790	* 2.0311	* 2.0751	* 2.1167	* 1.8382	* 2.0310	* 1.9369	* 3.9258 *
10	* 1.2612	* 1.3824	* 1.2545	* 1.4805	* 1.3987	* 1.5611	* 1.1047	*
	* 2.2634	* 2.0692	* 2.2746	* 1.9361	* 2.0541	* 1.8521	* 2.6094	*
11	* 1.5310	* 1.3407	* 1.4728	* 1.2695	* 1.3875	* 1.4614	* 0.7455	*
	* 1.8788	* 2.1405	* 1.9457	* 2.2474	* 2.0560	* 1.9540	* 3.8005	*
12	* 1.5197	* 1.5451	* 1.3855	* 1.3795	* 1.3804	* 0.8224	*	*
	* 1.9062	* 1.8640	* 2.0726	* 2.0672	* 2.0510	* 3.4085	*	*
13	* 1.3354	* 1.4026	* 1.5443	* 1.4505	* 0.8204	*	*	*
	* 2.1652	* 2.0616	* 1.8712	* 1.9680	* 3.4164	*	*	*
14	* 1.5171	* 1.4922	* 1.0916	* 0.7371	*	*	*	*
	* 1.9233	* 1.9519	* 2.6397	* 3.8424	*	*	*	*
15	* 0.7995	* 0.7234	* F-SUB-Q					
	* 3.6200	* 3.9919	* 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	* 1.4940	* 1.3532	* 1.2374	* 1.5196	* 1.4980	* 1.3110	* 1.5112	* 0.7729 *
	* 1.7148	* 1.8896	* 2.0603	* 1.6931	* 1.7296	* 1.9735	* 1.7321	* 3.3644 *
9	* 1.3532	* 1.3906	* 1.3723	* 1.3273	* 1.5629	* 1.4055	* 1.5004	* 0.7029 *
	* 1.8896	* 1.8429	* 1.8625	* 1.9340	* 1.6501	* 1.8421	* 1.7412	* 3.6950 *
10	* 1.2374	* 1.3763	* 1.2200	* 1.4704	* 1.3753	* 1.5532	* 1.0615	*
	* 2.0603	* 1.8573	* 2.0923	* 1.7441	* 1.8676	* 1.6655	* 2.4323	*
11	* 1.5196	* 1.3157	* 1.4625	* 1.2297	* 1.3814	* 1.4567	* 0.7050	*
	* 1.6931	* 1.9503	* 1.7530	* 2.0723	* 1.8508	* 1.7590	* 3.6053	*
12	* 1.4980	* 1.5402	* 1.3620	* 1.3733	* 1.3753	* 0.7854	*	*
	* 1.7296	* 1.6732	* 1.8850	* 1.8612	* 1.8489	* 3.2142	*	*
13	* 1.3110	* 1.3830	* 1.5361	* 1.4456	* 0.7833	*	*	*
	* 1.9735	* 1.8709	* 1.6832	* 1.7718	* 3.2222	*	*	*
14	* 1.5112	* 1.4883	* 1.0482	* 0.6979	*	*	*	*
	* 1.7321	* 1.7549	* 2.4620	* 3.6407	*	*	*	*
15	* 0.7729	* 0.6869	* F-SUB-Q					
	* 3.3644	* 3.7773	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 284 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.4349	* 1.2990	* 1.1871	* 1.4571	* 1.4376	* 1.2559	* 1.4477	* 0.7383 *
	* 1.6248	* 1.7904	* 1.9536	* 1.6082	* 1.6400	* 1.8729	* 1.6380	* 3.1873 *
9	* 1.2990	* 1.3358	* 1.3175	* 1.2724	* 1.4998	* 1.3478	* 1.4381	* 0.6721 *
	* 1.7904	* 1.7436	* 1.7647	* 1.8370	* 1.5663	* 1.7491	* 1.6475	* 3.4989 *
10	* 1.1871	* 1.3214	* 1.1692	* 1.4096	* 1.3191	* 1.4898	* 1.0152	*
	* 1.9536	* 1.7598	* 1.9850	* 1.6577	* 1.7752	* 1.5836	* 2.3157	*
11	* 1.4571	* 1.2610	* 1.4019	* 1.1788	* 1.3246	* 1.3971	* 0.6738	*
	* 1.6082	* 1.8529	* 1.6662	* 1.9698	* 1.7635	* 1.6763	* 3.4503	*
12	* 1.4376	* 1.4778	* 1.3061	* 1.3167	* 1.3189	* 0.7526	*	*
	* 1.6400	* 1.5887	* 1.7921	* 1.7735	* 1.7639	* 3.0750	*	*
13	* 1.2559	* 1.3258	* 1.4731	* 1.3862	* 0.7506	*	*	*
	* 1.8729	* 1.7770	* 1.6007	* 1.6887	* 3.0826	*	*	*
14	* 1.4477	* 1.4262	* 1.0022	* 0.6669	*	*	*	*
	* 1.6380	* 1.6608	* 2.3446	* 3.4848	*	*	*	*
15	* 0.7383	* 0.6562	* F-SUB-Q					
	* 3.1873	* 3.5797	* 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	* 1.3804	* 1.2462	* 1.1377	* 1.3874	* 1.3709	* 1.1970	* 1.3709	* 0.6994 *
	* 1.5679	* 1.7318	* 1.8928	* 1.5679	* 1.5956	* 1.8242	* 1.6035	* 3.1196 *
9	* 1.2462	* 1.2788	* 1.2666	* 1.2171	* 1.4366	* 1.2828	* 1.3686	* 0.6525 *
	* 1.7318	* 1.6893	* 1.7039	* 1.7840	* 1.5186	* 1.7068	* 1.6054	* 3.3432 *
10	* 1.1377	* 1.2703	* 1.1172	* 1.3405	* 1.2592	* 1.4209	* 0.9667	*
	* 1.8928	* 1.6991	* 1.9293	* 1.6194	* 1.7277	* 1.5417	* 2.2598	*
11	* 1.3874	* 1.2062	* 1.3332	* 1.1244	* 1.2585	* 1.3318	* 0.6421	*
	* 1.5679	* 1.7995	* 1.6278	* 1.9194	* 1.7265	* 1.6363	* 3.3732	*
12	* 1.3709	* 1.4153	* 1.2468	* 1.2510	* 1.2576	* 0.7331	*	*
	* 1.5956	* 1.5405	* 1.7441	* 1.7334	* 1.7225	* 2.9444	*	*
13	* 1.1970	* 1.2618	* 1.4031	* 1.3214	* 0.7311	*	*	*
	* 1.8242	* 1.7341	* 1.5604	* 1.6485	* 2.9519	*	*	*
14	* 1.3709	* 1.3574	* 0.9544	* 0.6353	*	*	*	*
	* 1.6035	* 1.6182	* 2.2879	* 3.4075	*	*	*	*
15	* 0.6994	* 0.6240	* F-SUB-Q					
	* 3.1196	* 3.4927	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.3161	* 1.1852	* 1.0811	* 1.3019	* 1.2893	* 1.1255	* 1.2796	* 0.6509 *
	* 1.5533	* 1.7203	* 1.8819	* 1.5797	* 1.6020	* 1.8326	* 1.6213	* 3.1685 *
9	* 1.1852	* 1.2124	* 1.2075	* 1.1548	* 1.3617	* 1.2023	* 1.2790	* 0.6061 *
	* 1.7203	* 1.6827	* 1.6881	* 1.7761	* 1.5127	* 1.7201	* 1.6218	* 3.4006 *
10	* 1.0811	* 1.2110	* 1.0591	* 1.2518	* 1.1898	* 1.3375	* 0.9082 *	
	* 1.8819	* 1.6833	* 1.9236	* 1.6382	* 1.7279	* 1.5467	* 2.2736 *	
11	* 1.3019	* 1.1448	* 1.2452	* 1.0655	* 1.1873	* 1.2507	* 0.6057 *	
	* 1.5797	* 1.7911	* 1.6466	* 1.9144	* 1.7263	* 1.6471	* 3.3844 *	
12	* 1.2893	* 1.3421	* 1.1784	* 1.1824	* 1.1826	* 0.6906 *		
	* 1.6019	* 1.5341	* 1.7439	* 1.7331	* 1.7319	* 2.9580 *		
13	* 1.1255	* 1.1831	* 1.3210	* 1.2410	* 0.6886 *			
	* 1.8326	* 1.7471	* 1.5652	* 1.6593	* 2.9659 *			
14	* 1.2796	* 1.2684	* 0.8967	* 0.5993 *				
	* 1.6213	* 1.6350	* 2.3019	* 3.4194 *				
15	* 0.6509	* 0.5845	* F-SUB-Q					
	* 3.1685	* 3.5247	* 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	* 1.2122	* 1.1034	* 1.0093	* 1.2039	* 1.1903	* 1.0304	* 1.1420	* 0.5856 *
	* 1.6156	* 1.7699	* 1.9316	* 1.6331	* 1.6608	* 1.9176	* 1.7394	* 3.3771 *
9	* 1.1034	* 1.1377	* 1.1156	* 1.0836	* 1.2575	* 1.1041	* 1.1416	* 0.5484 *
	* 1.7699	* 1.7167	* 1.7501	* 1.8124	* 1.5675	* 1.7930	* 1.7400	* 3.6049 *
10	* 1.0093	* 1.1188	* 0.9919	* 1.1585	* 1.1089	* 1.2173	* 0.8250 *	
	* 1.9316	* 1.7452	* 1.9669	* 1.6923	* 1.7746	* 1.6267	* 2.3992 *	
11	* 1.2039	* 1.0746	* 1.1533	* 0.9942	* 1.0894	* 1.1380	* 0.5587 *	
	* 1.6331	* 1.8270	* 1.6996	* 1.9652	* 1.8018	* 1.7335	* 3.5205 *	
12	* 1.1903	* 1.2400	* 1.0988	* 1.0851	* 1.0856	* 0.6426 *		
	* 1.6608	* 1.5891	* 1.7903	* 1.8087	* 1.8069	* 3.0482 *		
13	* 1.0304	* 1.0871	* 1.2028	* 1.1294	* 0.6408 *			
	* 1.9176	* 1.8202	* 1.6455	* 1.7460	* 3.0567 *			
14	* 1.1420	* 1.1324	* 0.8149	* 0.5527 *				
	* 1.7394	* 1.7537	* 2.4281	* 3.5575 *				
15	* 0.5856	* 0.5307	* F-SUB-Q					
	* 3.3771	* 3.7235	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	* 1.0714	* 0.9116	* 0.8486	* 1.0537	* 0.9794	* 0.8264	* 0.9136	* 0.4672
	* 1.7702	* 2.0757	* 2.2293	* 1.8041	* 1.9502	* 2.3166	* 2.1053	* 4.1056
9	* 0.9116	* 0.9615	* 0.9914	* 0.9151	* 1.0982	* 0.9088	* 0.8983	* 0.4400
	* 2.0757	* 1.9658	* 1.9053	* 2.0813	* 1.7390	* 2.1082	* 2.1410	* 4.3590
10	* 0.8486	* 0.9920	* 0.8483	* 1.0221	* 0.9276	* 1.0132	* 0.6604	
	* 2.2293	* 1.9042	* 2.2261	* 1.8576	* 2.0522	* 1.8914	* 2.9052	
11	* 1.0537	* 0.9051	* 1.0165	* 0.8352	* 0.9362	* 0.9145	* 0.4634	
	* 1.8041	* 2.0996	* 1.8675	* 2.2658	* 2.0299	* 2.0884	* 4.1189	
12	* 0.9794	* 1.0821	* 0.9199	* 0.9324	* 0.8923	* 0.5386		
	* 1.9502	* 1.7644	* 2.0690	* 2.0378	* 2.1290	* 3.5279		
13	* 0.8264	* 0.8957	* 1.0026	* 0.9079	* 0.5368			
	* 2.3166	* 2.1382	* 1.9108	* 2.1029	* 3.5389			
14	* 0.9136	* 0.8908	* 0.6528	* 0.4584				
	* 2.1053	* 2.1587	* 2.9382	* 4.1623				
15	* 0.4672	* 0.4312	* F-SUB-Q					
	* 4.1056	* 4.4455	* M-SUB-Q					

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

	H	G	F	E	D	C	B	A
8	* 0.4467	* 0.3996	* 0.3909	* 0.4543	* 0.4239	* 0.3695	* 0.3510	* 0.2065
	* 4.1088	* 4.5962	* 4.6952	* 4.0490	* 4.3609	* 5.0285	* 5.3077	* 9.0220
9	* 0.3996	* 0.4144	* 0.4382	* 0.4078	* 0.4508	* 0.3905	* 0.3435	* 0.1925
	* 4.5962	* 4.4239	* 4.1801	* 4.5233	* 4.1026	* 4.7543	* 5.4229	* 9.6809
10	* 0.3909	* 0.4383	* 0.3905	* 0.4387	* 0.4024	* 0.3993	* 0.2909	
	* 4.6952	* 4.1791	* 4.6952	* 4.1885	* 4.5909	* 4.6463	* 6.3990	
11	* 0.4543	* 0.4048	* 0.4372	* 0.3773	* 0.3981	* 0.3465	* 0.2055	
	* 4.0490	* 4.5545	* 4.2024	* 4.8716	* 4.6297	* 5.3369	* 9.0233	
12	* 0.4239	* 0.4456	* 0.3991	* 0.3965	* 0.3451	* 0.2475		
	* 4.3609	* 4.1494	* 4.6276	* 4.6472	* 5.3389	* 7.4580		
13	* 0.3695	* 0.3857	* 0.3953	* 0.3442	* 0.2465			
	* 5.0285	* 4.8133	* 4.6920	* 5.3702	* 7.4846			
14	* 0.3510	* 0.3408	* 0.2878	* 0.2034				
	* 5.3077	* 5.4652	* 6.4660	* 9.1135				
15	* 0.2065	* 0.1916	* F-SUB-Q					
	* 9.0220	* 9.7196	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 287 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8833	0.8108	0.7456	0.8436	0.7835	0.6680	0.5176	0.2868
	3.4012	3.7258	4.0969	3.5674	3.8337	4.5620	4.8598	7.9639
9	0.8108	0.7854	0.8142	0.7657	0.8272	0.7062	0.5565	0.2888
	3.7258	3.8774	3.6749	3.9167	3.6309	4.2556	5.0036	8.4906
10	0.7456	0.8149	0.6784	0.7863	0.7363	0.7120	0.5156	
	4.0969	3.6731	4.0233	3.7962	4.0789	4.1509	5.8168	
11	0.8436	0.7602	0.7841	0.6673	0.7147	0.6258	0.3742	
	3.5674	3.9441	3.7994	4.3302	4.0624	4.5829	7.5231	
12	0.7835	0.8203	0.7332	0.7133	0.6174	0.4452		
	3.8337	3.6596	4.0967	4.0698	4.6091	6.2022		
13	0.6680	0.7007	0.7079	0.6232	0.4429			
	4.5620	4.2845	4.1726	4.6001	6.2329			
14	0.5176	0.5532	0.5123	0.3718				
	4.8598	5.0237	5.8493	7.5690				
15	0.2868	0.2867	F-SUB-Q					
	7.9639	8.5440	M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.9541	1.7053	1.5207	1.7937	1.6772	1.4070	1.3100	0.6799
	1.6439	1.8907	2.1301	1.7863	1.9143	2.2781	2.1543	3.9191
9	1.7053	1.6784	1.7224	1.6046	1.8465	1.5155	1.3677	0.6563
	1.8907	1.9058	1.8545	2.0094	1.7375	2.1258	2.2110	4.2532
10	1.5207	1.7242	1.4444	1.6908	1.5628	1.6457	1.0951	
	2.1301	1.8533	2.1016	1.8862	2.0401	1.9181	2.8988	
11	1.7937	1.5975	1.6858	1.3777	1.5323	1.4542	0.7812	
	1.7863	2.0179	1.8879	2.2287	2.0163	2.0998	3.8346	
12	1.6772	1.8291	1.5554	1.5290	1.4195	0.8874		
	1.9143	1.7530	2.0491	2.0203	2.1317	3.2880		
13	1.4070	1.5032	1.6359	1.4481	0.8839			
	2.2781	2.1419	1.9284	2.1077	3.3003			
14	1.3100	1.3609	1.0875	0.7759				
	2.1543	2.2201	2.9161	3.8593				
15	0.6799	0.6461	F-SUB-Q					
	3.9191	4.3164	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.0426	* 1.9533	* 1.7591	* 1.9336	* 1.9131	* 1.6882	* 1.6612	* 0.9036
	* 1.6338	* 1.7148	* 1.9145	* 1.7232	* 1.7487	* 1.9786	* 1.9272	* 3.3721
9	* 1.9533	* 1.9428	* 1.8177	* 1.8282	* 1.9527	* 1.7623	* 1.6602	* 0.8430
	* 1.7148	* 1.7432	* 1.8489	* 1.8299	* 1.7118	* 1.9049	* 1.9513	* 3.6470
10	* 1.7591	* 1.8218	* 1.7049	* 1.8256	* 1.7936	* 1.8261	* 1.3348	*
	* 1.9145	* 1.8458	* 1.9172	* 1.8161	* 1.8534	* 1.8018	* 2.4754	*
11	* 1.9336	* 1.8194	* 1.8214	* 1.6333	* 1.6475	* 1.6936	* 0.9316	*
	* 1.7232	* 1.8456	* 1.8195	* 2.0033	* 1.9508	* 1.8719	* 3.3487	*
12	* 1.9131	* 1.9317	* 1.7850	* 1.6432	* 1.6181	* 1.0210	*	*
	* 1.7487	* 1.7295	* 1.8625	* 1.9568	* 1.9385	* 2.9578	*	*
13	* 1.6882	* 1.7453	* 1.8134	* 1.6860	* 1.0177	*	*	*
	* 1.9786	* 1.9217	* 1.8112	* 1.8795	* 2.9667	*	*	*
14	* 1.6612	* 1.6522	* 1.3251	* 0.9252	*	*	*	*
	* 1.9272	* 1.9595	* 2.4912	* 3.3708	*	*	*	*
15	* 0.9036	* 0.8316	* F-SUB-Q					
	* 3.3721	* 3.6929	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.2364	* 2.1061	* 1.8966	* 2.1235	* 2.1031	* 1.8664	* 1.9371	* 1.0304
	* 1.5499	* 1.6514	* 1.8425	* 1.6353	* 1.6699	* 1.8614	* 1.7517	* 3.1732
9	* 2.1061	* 2.1076	* 2.0085	* 1.9706	* 2.1563	* 1.9438	* 1.9271	* 0.9395
	* 1.6514	* 1.6703	* 1.7397	* 1.7766	* 1.6159	* 1.7936	* 1.7719	* 3.4932
10	* 1.8966	* 2.0130	* 1.8145	* 2.0187	* 1.9540	* 2.0481	* 1.4641	*
	* 1.8425	* 1.7360	* 1.8948	* 1.7167	* 1.7755	* 1.6738	* 2.3488	*
11	* 2.1235	* 1.9602	* 2.0136	* 1.7569	* 1.8245	* 1.8908	* 0.9912	*
	* 1.6353	* 1.7851	* 1.7203	* 1.9563	* 1.8307	* 1.7441	* 3.2815	*
12	* 2.1031	* 2.1326	* 1.9436	* 1.8193	* 1.7877	* 1.0713	*	*
	* 1.6699	* 1.6332	* 1.7853	* 1.8369	* 1.8256	* 2.9302	*	*
13	* 1.8664	* 1.9228	* 2.0327	* 1.8818	* 1.0684	*	*	*
	* 1.8614	* 1.8116	* 1.6833	* 1.7519	* 2.9376	*	*	*
14	* 1.9371	* 1.9174	* 1.4525	* 0.9836	*	*	*	*
	* 1.7517	* 1.7799	* 2.3656	* 3.3054	*	*	*	*
15	* 1.0304	* 0.9240	* F-SUB-Q					
	* 3.1732	* 3.5488	* M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.2515	* 2.0960	* 1.8944	* 2.1549	* 2.1315	* 1.8925	* 2.0130	* 1.0757
	* 1.6102	* 1.7362	* 1.9151	* 1.6831	* 1.7067	* 1.9088	* 1.7705	* 3.2191
9	* 2.0960	* 2.0980	* 2.0206	* 1.9776	* 2.1870	* 1.9718	* 1.9970	* 0.9802
	* 1.7362	* 1.7404	* 1.7962	* 1.8342	* 1.6608	* 1.8364	* 1.7913	* 3.5400
10	* 1.8944	* 2.0254	* 1.8391	* 2.0537	* 1.9733	* 2.0933	* 1.5104	*
	* 1.9151	* 1.7921	* 1.9535	* 1.7561	* 1.8324	* 1.7032	* 2.3682	*
11	* 2.1549	* 1.9664	* 2.0480	* 1.7900	* 1.8618	* 1.9375	* 1.0170	*
	* 1.6831	* 1.8439	* 1.7604	* 2.0029	* 1.8746	* 1.7761	* 3.3333	*
12	* 2.1315	* 2.1616	* 1.9619	* 1.8562	* 1.8261	* 1.0946	*	*
	* 1.7067	* 1.6793	* 1.8421	* 1.8815	* 1.8701	* 3.0014	*	*
13	* 1.8925	* 1.9497	* 2.0765	* 1.9277	* 1.0917	*	*	*
	* 1.9088	* 1.8549	* 1.7138	* 1.7846	* 3.0088	*	*	*
14	* 2.0130	* 1.9862	* 1.4980	* 1.0092	*	*	*	*
	* 1.7705	* 1.8002	* 2.3860	* 3.3579	*	*	*	*
15	* 1.0757	* 0.9659	* F-SUB-Q					
	* 3.2191	* 3.5895	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.2190	* 2.0569	* 1.8634	* 2.1436	* 2.1208	* 1.8824	* 2.0285	* 1.0880
	* 1.6825	* 1.8145	* 1.9949	* 1.7294	* 1.7547	* 1.9748	* 1.8230	* 3.3278
9	* 2.0569	* 2.0568	* 1.9933	* 1.9553	* 2.1756	* 1.9650	* 2.0101	* 0.9930
	* 1.8145	* 1.8170	* 1.8682	* 1.8978	* 1.7065	* 1.8837	* 1.8415	* 3.6455
10	* 1.8634	* 1.9984	* 1.8255	* 2.0458	* 1.9603	* 2.0940	* 1.5204	*
	* 1.9949	* 1.8635	* 2.0355	* 1.8143	* 1.8837	* 1.7598	* 2.4164	*
11	* 2.1436	* 1.9435	* 2.0398	* 1.7876	* 1.8621	* 1.9433	* 1.0230	*
	* 1.7294	* 1.9087	* 1.8192	* 2.0683	* 1.9567	* 1.8502	* 3.4733	*
12	* 2.1208	* 2.1493	* 1.9482	* 1.8561	* 1.8296	* 1.1002	*	*
	* 1.7547	* 1.7264	* 1.8946	* 1.9643	* 1.9482	* 3.1154	*	*
13	* 1.8824	* 1.9437	* 2.0762	* 1.9329	* 1.0973	*	*	*
	* 1.9748	* 1.9031	* 1.7722	* 1.8596	* 3.1233	*	*	*
14	* 2.0285	* 1.9986	* 1.5073	* 1.0149	*	*	*	*
	* 1.8230	* 1.8514	* 2.4361	* 3.5000	*	*	*	*
15	* 1.0880	* 0.9791	* F-SUB-Q					
	* 3.3278	* 3.6942	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.1978	* 2.0274	* 1.8386	* 2.1410	* 2.1150	* 1.8743	* 2.0463	* 1.0862
	* 1.7468	* 1.8900	* 2.0746	* 1.7791	* 1.8050	* 2.0286	* 1.8604	* 3.4478
9	* 2.0274	* 2.0352	* 1.9811	* 1.9382	* 2.1779	* 1.9635	* 2.0283	* 0.9873
	* 1.8900	* 1.8811	* 1.9271	* 1.9650	* 1.7509	* 1.9333	* 1.8753	* 3.7868
10	* 1.8386	* 1.9863	* 1.7922	* 2.0452	* 1.9524	* 2.1074	* 1.5104	
	* 2.0746	* 1.9223	* 2.1280	* 1.8562	* 1.9421	* 1.7968	* 2.4903	
11	* 2.1410	* 1.9260	* 2.0387	* 1.7656	* 1.8701	* 1.9572	* 1.0100	
	* 1.7791	* 1.9768	* 1.8616	* 2.1443	* 2.0052	* 1.9141	* 3.6512	
12	* 2.1150	* 2.1511	* 1.9395	* 1.8638	* 1.8414	* 1.0906		
	* 1.8050	* 1.7717	* 1.9541	* 2.0122	* 2.0208	* 3.3032		
13	* 1.8743	* 1.9407	* 2.0889	* 1.9463	* 1.0878			
	* 2.0286	* 1.9542	* 1.8101	* 1.9238	* 3.3109			
14	* 2.0463	* 2.0163	* 1.4968	* 1.0013				
	* 1.8604	* 1.8858	* 2.5113	* 3.6804				
15	* 1.0861	* 0.9714	* F-SUB-Q					
	* 3.4478	* 3.8457	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.1313	* 1.9642	* 1.7839	* 2.0916	* 2.0688	* 1.8321	* 2.0132	* 1.0676
	* 1.8625	* 2.0190	* 2.2145	* 1.8850	* 1.9115	* 2.1539	* 1.9550	* 3.6169
9	* 1.9642	* 1.9778	* 1.9252	* 1.8875	* 2.1299	* 1.9241	* 1.9953	* 0.9709
	* 2.0190	* 2.0072	* 2.0542	* 2.0891	* 1.8530	* 2.0425	* 1.9728	* 3.9737
10	* 1.7839	* 1.9304	* 1.7428	* 1.9997	* 1.9082	* 2.0698	* 1.4831	
	* 2.2145	* 2.0488	* 2.2732	* 1.9665	* 2.0548	* 1.8896	* 2.6319	
11	* 2.0916	* 1.8749	* 1.9930	* 1.7260	* 1.8365	* 1.9250	* 0.9913	
	* 1.8850	* 2.1024	* 1.9737	* 2.2754	* 2.1074	* 2.0080	* 3.8424	
12	* 2.0688	* 2.1030	* 1.8949	* 1.8289	* 1.8105	* 1.0721		
	* 1.9115	* 1.8757	* 2.0683	* 2.1160	* 2.1191	* 3.5271		
13	* 1.8321	* 1.9011	* 2.0525	* 1.9137	* 1.0694			
	* 2.1539	* 2.0657	* 1.9043	* 2.0188	* 3.5348			
14	* 2.0132	* 1.9829	* 1.4692	* 0.9823				
	* 1.9550	* 1.9843	* 2.6552	* 3.8750				
15	* 1.0676	* 0.9554	* F-SUB-Q					
	* 3.6169	* 4.0346	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 2.0962	* 1.9232	* 1.7470	* 2.0699	* 2.0424	* 1.8048	* 2.0035	* 1.0483
	* 1.9641	* 2.1367	* 2.3419	* 1.9738	* 2.0035	* 2.2577	* 2.0334	* 3.8213
9	* 1.9232	* 1.9421	* 1.9000	* 1.8535	* 2.1121	* 1.9018	* 1.9866	* 0.9493
	* 2.1367	* 2.1131	* 2.1549	* 2.2032	* 1.9356	* 2.1376	* 2.0498	* 4.2145
10	* 1.7470	* 1.9051	* 1.6934	* 1.9802	* 1.8812	* 2.0593	* 1.4512	*
	* 2.3419	* 2.1493	* 2.3985	* 2.0530	* 2.1596	* 1.9691	* 2.7781	*
11	* 2.0699	* 1.8407	* 1.9733	* 1.6842	* 1.8258	* 1.9156	* 0.9633	*
	* 1.9738	* 2.2176	* 2.0608	* 2.4092	* 2.2001	* 2.0951	* 4.1030	*
12	* 2.0424	* 2.0851	* 1.8673	* 1.8173	* 1.8014	* 1.0480	*	*
	* 2.0035	* 1.9594	* 2.1744	* 2.2093	* 2.2126	* 3.7544	*	*
13	* 1.8048	* 1.8781	* 2.0401	* 1.9039	* 1.0455	*	*	*
	* 2.2577	* 2.1628	* 1.9849	* 2.1067	* 3.7619	*	*	*
14	* 2.0035	* 1.9739	* 1.4367	* 0.9552	*	*	*	*
	* 2.0334	* 2.0621	* 2.8039	* 4.1346	*	*	*	*
15	* 1.0483	* 0.9304	* F-SUB-Q					
	* 3.8213	* 4.2958	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.9591	* 1.8088	* 1.6460	* 1.9437	* 1.9319	* 1.7088	* 1.8853	* 1.0081
	* 2.2067	* 2.3862	* 2.6111	* 2.2052	* 2.2204	* 2.4984	* 2.2543	* 4.1340
9	* 1.8088	* 1.8286	* 1.7725	* 1.7626	* 1.9843	* 1.7999	* 1.8675	* 0.9255
	* 2.3862	* 2.3548	* 2.4245	* 2.4354	* 2.1595	* 2.3670	* 2.2764	* 4.4997
10	* 1.6460	* 1.7777	* 1.6285	* 1.8608	* 1.7803	* 1.9395	* 1.4040	*
	* 2.6111	* 2.4175	* 2.6328	* 2.2894	* 2.3944	* 2.1892	* 3.0053	*
11	* 1.9437	* 1.7422	* 1.8539	* 1.6248	* 1.7182	* 1.8033	* 0.9443	*
	* 2.2052	* 2.4626	* 2.2982	* 2.6199	* 2.4532	* 2.3348	* 4.3892	*
12	* 1.9319	* 1.9533	* 1.7667	* 1.7104	* 1.6963	* 1.0247	*	*
	* 2.2204	* 2.1939	* 2.4113	* 2.4638	* 2.4665	* 4.0326	*	*
13	* 1.7088	* 1.7768	* 1.9220	* 1.7919	* 1.0218	*	*	*
	* 2.4984	* 2.3954	* 2.2072	* 2.3480	* 4.0423	*	*	*
14	* 1.8853	* 1.8550	* 1.3898	* 0.9354	*	*	*	*
	* 2.2543	* 2.2906	* 3.0332	* 4.4269	*	*	*	*
15	* 1.0081	* 0.9101	* F-SUB-Q					
	* 4.1340	* 4.5718	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 292 of 306

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.9379	1.7759	1.6153	1.9322	1.9107	1.6846	1.8849	0.9832
	2.3326	2.5400	2.7805	2.3379	2.3675	2.6721	2.3813	4.4739
9	1.7759	1.8007	1.7621	1.7217	1.9755	1.7825	1.8693	0.8923
	2.5400	2.5055	2.5521	2.6219	2.2858	2.5164	2.4006	4.9235
10	1.6153	1.7670	1.5736	1.8508	1.7574	1.9369	1.3612	
	2.7805	2.5454	2.8502	2.4189	2.5516	2.3051	3.2618	
11	1.9322	1.7090	1.8437	1.5734	1.7163	1.8035	0.9040	
	2.3379	2.6403	2.4285	2.8470	2.5765	2.4482	4.7997	
12	1.9107	1.9492	1.7434	1.7077	1.6960	0.9871		
	2.3675	2.3157	2.5701	2.5877	2.5832	4.3730		
13	1.6846	1.7585	1.9187	1.7917	0.9848			
	2.6721	2.5477	2.3244	2.4622	4.3813			
14	1.8849	1.8565	1.3467	0.8959				
	2.3813	2.4157	3.2932	4.8378				
15	0.9832	0.8744	F-SUB-Q					
	4.4739	5.0188	M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8549	1.6989	1.5469	1.8592	1.8391	1.6198	1.8194	0.9486
	2.3507	2.5602	2.7998	2.3458	2.3897	2.7060	2.4295	4.6005
9	1.6989	1.7268	1.6890	1.6526	1.9020	1.7174	1.8038	0.8625
	2.5602	2.5200	2.5680	2.6354	2.2992	2.5566	2.4466	5.0534
10	1.5469	1.6938	1.5109	1.7829	1.6911	1.8693	1.3140	
	2.7998	2.5611	2.8667	2.4376	2.5778	2.3485	3.3275	
11	1.8592	1.6400	1.7752	1.5169	1.6569	1.7417	0.8744	
	2.3458	2.6545	2.4481	2.8537	2.6182	2.4982	4.9282	
12	1.8391	1.8752	1.6770	1.6483	1.6383	0.9556		
	2.3897	2.3291	2.5982	2.6310	2.6341	4.4858		
13	1.6198	1.6935	1.8512	1.7299	0.9533			
	2.7060	2.5906	2.3700	2.5141	4.4956			
14	1.8194	1.7911	1.2999	0.8660				
	2.4295	2.4631	3.3618	4.9733				
15	0.9486	0.8470	F-SUB-Q					
	4.6005	5.1407	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.7327	* 1.5937	* 1.4531	* 1.7438	* 1.7343	* 1.5281	* 1.7105	* 0.9046 *
	* 2.4163	* 2.6208	* 2.8620	* 2.4023	* 2.4353	* 2.7574	* 2.4875	* 4.6474 *
9	* 1.5937	* 1.6218	* 1.5763	* 1.5642	* 1.7872	* 1.6200	* 1.6949	* 0.8311 *
	* 2.6208	* 2.5772	* 2.6420	* 2.6790	* 2.3570	* 2.6038	* 2.5057	* 5.0501 *
10	* 1.4531	* 1.5812	* 1.4371	* 1.6746	* 1.5950	* 1.7597	* 1.2579	*
	* 2.8620	* 2.6343	* 2.8942	* 2.4908	* 2.6238	* 2.3955	* 3.3401	*
11	* 1.7438	* 1.5449	* 1.6666	* 1.4481	* 1.5579	* 1.6383	* 0.8442	*
	* 2.4023	* 2.7095	* 2.5021	* 2.8687	* 2.6702	* 2.5467	* 4.8931	*
12	* 1.7343	* 1.7563	* 1.5812	* 1.5495	* 1.5414	* 0.9222	*	*
	* 2.4353	* 2.3887	* 2.6452	* 2.6833	* 2.6823	* 4.4497	*	*
13	* 1.5281	* 1.5969	* 1.7420	* 1.6268	* 0.9197	*	*	*
	* 2.7574	* 2.6395	* 2.4182	* 2.5636	* 4.4607	*	*	*
14	* 1.7105	* 1.6824	* 1.2439	* 0.8353	*	*	*	*
	* 2.4875	* 2.5235	* 3.3757	* 4.9430	*	*	*	*
15	* 0.9046	* 0.8167	* F-SUB-Q					
	* 4.6474	* 5.1342	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.6881	* 1.5413	* 1.4051	* 1.7053	* 1.6892	* 1.4844	* 1.6842	* 0.8695 *
	* 2.3305	* 2.5474	* 2.7768	* 2.3075	* 2.3497	* 2.6577	* 2.3564	* 4.4565 *
9	* 1.5413	* 1.5726	* 1.5426	* 1.5067	* 1.7506	* 1.5810	* 1.6711	* 0.7903 *
	* 2.5474	* 2.4968	* 2.5344	* 2.6044	* 2.2531	* 2.5016	* 2.3720	* 4.8962 *
10	* 1.4051	* 1.5471	* 1.3780	* 1.6404	* 1.5502	* 1.7303	* 1.2020	*
	* 2.7768	* 2.5276	* 2.8195	* 2.3837	* 2.5317	* 2.2851	* 3.2552	*
11	* 1.7053	* 1.4943	* 1.6322	* 1.3809	* 1.5316	* 1.6136	* 0.7962	*
	* 2.3075	* 2.6239	* 2.3943	* 2.8092	* 2.5397	* 2.4165	* 4.8061	*
12	* 1.6892	* 1.7248	* 1.5362	* 1.5231	* 1.5171	* 0.8769	*	*
	* 2.3497	* 2.2824	* 2.5523	* 2.5522	* 2.5408	* 4.3352	*	*
13	* 1.4844	* 1.5574	* 1.7123	* 1.6018	* 0.8749	*	*	*
	* 2.6577	* 2.5360	* 2.3064	* 2.4321	* 4.3436	*	*	*
14	* 1.6842	* 1.6585	* 1.1879	* 0.7884	*	*	*	*
	* 2.3564	* 2.3883	* 3.2901	* 4.8488	*	*	*	*
15	* 0.8696	* 0.7736	* F-SUB-Q					
	* 4.4565	* 4.9949	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6114	1.4659	1.3372	1.6326	1.6163	1.4183	1.6201	0.8303
	2.1550	2.3629	2.5735	2.1300	2.1700	2.4578	2.1650	4.1310
9	1.4659	1.4993	1.4739	1.4365	1.6778	1.5149	1.6081	0.7533
	2.3629	2.3100	2.3403	2.4130	2.0770	2.3086	2.1794	4.5473
10	1.3372	1.4782	1.3144	1.5728	1.4820	1.6638	1.1457	
	2.5735	2.3340	2.6082	2.1981	2.3419	2.1032	3.0229	
11	1.6326	1.4243	1.5646	1.3194	1.4723	1.5529	0.7564	
	2.1300	2.4318	2.2084	2.5975	2.3379	2.2225	4.4820	
12	1.6163	1.6535	1.4681	1.4638	1.4597	0.8362		
	2.1700	2.1047	2.3618	2.3499	2.3362	4.0222		
13	1.4183	1.4915	1.6459	1.5412	0.8339			
	2.4578	2.3417	2.1236	2.2374	4.0317			
14	1.6201	1.5956	1.1318	0.7489				
	2.1650	2.1950	3.0566	4.5227				
15	0.8303	0.7365	F-SUB-Q					
	4.1310	4.6445	M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5240	1.3874	1.2660	1.5494	1.5356	1.3460	1.5398	0.7905
	2.0055	2.1971	2.3935	1.9788	2.0151	2.2866	2.0143	3.8437
9	1.3874	1.4207	1.3954	1.3614	1.5942	1.4394	1.5283	0.7196
	2.1971	2.1463	2.1768	2.2450	1.9304	2.1452	2.0275	4.2175
10	1.2660	1.3996	1.2457	1.4944	1.4075	1.5826	1.0923	
	2.3935	2.1708	2.4257	2.0402	2.1747	1.9517	2.8021	
11	1.5494	1.3496	1.4864	1.2528	1.4001	1.4770	0.7233	
	1.9788	2.2629	2.0500	2.4119	2.1723	2.0658	4.1477	
12	1.5356	1.5691	1.3939	1.3918	1.3888	0.8004		
	2.0151	1.9566	2.1938	2.1838	2.1730	3.7190		
13	1.3460	1.4165	1.5651	1.4656	0.7985			
	2.2866	2.1768	1.9713	2.0801	3.7264			
14	1.5398	1.5161	1.0787	0.7159				
	2.0143	2.0425	2.8343	4.1869				
15	0.7905	0.7040	F-SUB-Q					
	3.8437	4.3044	M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.4143	* 1.2959	* 1.1839	* 1.4438	* 1.4372	* 1.2602	* 1.4337	* 0.7489 *
	* 1.9115	* 2.0790	* 2.2635	* 1.8788	* 1.9062	* 2.1652	* 1.9233	* 3.6200 *
9	* 1.2959	* 1.3280	* 1.2945	* 1.2807	* 1.4860	* 1.3464	* 1.4215	* 0.6894 *
	* 2.0790	* 2.0311	* 2.0751	* 2.1167	* 1.8382	* 2.0310	* 1.9369	* 3.9258 *
10	* 1.1839	* 1.2986	* 1.1777	* 1.3937	* 1.3186	* 1.4759	* 1.0404	*
	* 2.2634	* 2.0692	* 2.2746	* 1.9361	* 2.0541	* 1.8521	* 2.6094	*
11	* 1.4438	* 1.2635	* 1.3860	* 1.1919	* 1.3053	* 1.3764	* 0.6974	*
	* 1.8788	* 2.1405	* 1.9457	* 2.2474	* 2.0560	* 1.9540	* 3.8005	*
12	* 1.4372	* 1.4579	* 1.3056	* 1.2974	* 1.2952	* 0.7684	*	*
	* 1.9062	* 1.8640	* 2.0726	* 2.0672	* 2.0510	* 3.4085	*	*
13	* 1.2602	* 1.3247	* 1.4591	* 1.3655	* 0.7663	*	*	*
	* 2.1652	* 2.0616	* 1.8712	* 1.9680	* 3.4164	*	*	*
14	* 1.4337	* 1.4097	* 1.0275	* 0.6892	*	*	*	*
	* 1.9233	* 1.9519	* 2.6397	* 3.8424	*	*	*	*
15	* 0.7489	* 0.6771	* F-SUB-Q					
	* 3.6200	* 3.9919	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.3891	* 1.2567	* 1.1471	* 1.4154	* 1.3985	* 1.2212	* 1.4098	* 0.7151 *
	* 1.7148	* 1.8896	* 2.0603	* 1.6931	* 1.7296	* 1.9735	* 1.7321	* 3.3644 *
9	* 1.2567	* 1.2916	* 1.2735	* 1.2348	* 1.4571	* 1.3112	* 1.3998	* 0.6501 *
	* 1.8896	* 1.8429	* 1.8625	* 1.9340	* 1.6501	* 1.8421	* 1.7412	* 3.6950 *
10	* 1.1471	* 1.2771	* 1.1304	* 1.3671	* 1.2803	* 1.4499	* 0.9872	*
	* 2.0603	* 1.8573	* 2.0923	* 1.7441	* 1.8676	* 1.6655	* 2.4323	*
11	* 1.4154	* 1.2236	* 1.3594	* 1.1397	* 1.2835	* 1.3549	* 0.6515	*
	* 1.6931	* 1.9503	* 1.7530	* 2.0723	* 1.8508	* 1.7590	* 3.6053	*
12	* 1.3985	* 1.4353	* 1.2673	* 1.2756	* 1.2746	* 0.7251	*	*
	* 1.7296	* 1.6732	* 1.8850	* 1.8612	* 1.8489	* 3.2142	*	*
13	* 1.2212	* 1.2894	* 1.4331	* 1.3440	* 0.7230	*	*	*
	* 1.9735	* 1.8709	* 1.6832	* 1.7718	* 3.2222	*	*	*
14	* 1.4098	* 1.3881	* 0.9744	* 0.6446	*	*	*	*
	* 1.7321	* 1.7549	* 2.4620	* 3.6407	*	*	*	*
15	* 0.7151	* 0.6351	* F-SUB-Q					
	* 3.3644	* 3.7773	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3186	1.1922	1.0878	1.3411	1.3258	1.1558	1.3341	0.6751
	1.6248	1.7904	1.9536	1.6082	1.6400	1.8729	1.6380	3.1873
9	1.1922	1.2261	1.2083	1.1699	1.3818	1.2421	1.3254	0.6144
	1.7904	1.7436	1.7647	1.8370	1.5663	1.7491	1.6475	3.4989
10	1.0878	1.2119	1.0708	1.2951	1.2133	1.3738	0.9330	
	1.9536	1.7598	1.9850	1.6577	1.7752	1.5836	2.3157	
11	1.3411	1.1590	1.2878	1.0798	1.2162	1.2841	0.6155	
	1.6082	1.8529	1.6662	1.9698	1.7635	1.6763	3.4503	
12	1.3258	1.3608	1.2008	1.2085	1.2081	0.6869		
	1.6400	1.5887	1.7921	1.7735	1.7639	3.0750		
13	1.1558	1.2211	1.3576	1.2735	0.6849			
	1.8729	1.7770	1.6007	1.6887	3.0826			
14	1.3341	1.3140	0.9206	0.6089				
	1.6380	1.6608	2.3446	3.4848				
15	0.6751	0.5997	F-SUB-Q					
	3.1873	3.5797	M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2551	1.1319	1.0318	1.2633	1.2505	1.0897	1.2494	0.6327
	1.5679	1.7318	1.8928	1.5679	1.5956	1.8242	1.6035	3.1196
9	1.1319	1.1615	1.1494	1.1071	1.3091	1.1691	1.2472	0.5901
	1.7318	1.6893	1.7039	1.7840	1.5186	1.7068	1.6054	3.3432
10	1.0318	1.1528	1.0126	1.2184	1.1458	1.2956	0.8787	
	1.8928	1.6991	1.9293	1.6194	1.7277	1.5417	2.2598	
11	1.2633	1.0969	1.2115	1.0191	1.1429	1.2106	0.5803	
	1.5679	1.7995	1.6278	1.9194	1.7265	1.6363	3.3732	
12	1.2505	1.2893	1.1340	1.1357	1.1394	0.6620		
	1.5956	1.5405	1.7441	1.7334	1.7225	2.9444		
13	1.0897	1.1493	1.2787	1.2006	0.6600			
	1.8242	1.7341	1.5604	1.6485	2.9519			
14	1.2494	1.2366	0.8671	0.5739				
	1.6035	1.6182	2.2879	3.4075				
15	0.6327	0.5641	F-SUB-Q					
	3.1196	3.4927	M-SUB-Q					



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1852	* 1.0664	* 0.9715	* 1.1742	* 1.1642	* 1.0145	* 1.1539	* 0.5828 *
	* 1.5533	* 1.7203	* 1.8819	* 1.5797	* 1.6020	* 1.8326	* 1.6213	* 3.1685 *
9	* 1.0664	* 1.0908	* 1.0854	* 1.0405	* 1.2285	* 1.0848	* 1.1534	* 0.5425 *
	* 1.7203	* 1.6827	* 1.6881	* 1.7761	* 1.5127	* 1.7201	* 1.6218	* 3.4006 *
10	* 0.9715	* 1.0886	* 0.9508	* 1.1266	* 1.0719	* 1.2069	* 0.8172 *	
	* 1.8819	* 1.6833	* 1.9236	* 1.6382	* 1.7279	* 1.5467	* 2.2736 *	
11	* 1.1742	* 1.0312	* 1.1203	* 0.9571	* 1.0671	* 1.1251	* 0.5419 *	
	* 1.5797	* 1.7911	* 1.6466	* 1.9144	* 1.7263	* 1.6471	* 3.3844 *	
12	* 1.1642	* 1.2103	* 1.0613	* 1.0625	* 1.0606	* 0.6173 *		
	* 1.6019	* 1.5341	* 1.7439	* 1.7331	* 1.7319	* 2.9580 *		
13	* 1.0145	* 1.0668	* 1.1914	* 1.1160	* 0.6154 *			
	* 1.8326	* 1.7471	* 1.5652	* 1.6593	* 2.9659 *			
14	* 1.1539	* 1.1435	* 0.8063	* 0.5359 *				
	* 1.6213	* 1.6350	* 2.3019	* 3.4194 *				
15	* 0.5828	* 0.5230	* F-SUB-Q					
	* 3.1685	* 3.5247	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0818	* 0.9837	* 0.8987	* 1.0755	* 1.0645	* 0.9199	* 1.0195	* 0.5192 *
	* 1.6156	* 1.7699	* 1.9316	* 1.6331	* 1.6608	* 1.9176	* 1.7394	* 3.3771 *
9	* 0.9837	* 1.0143	* 0.9937	* 0.9672	* 1.1237	* 0.9863	* 1.0191	* 0.4861 *
	* 1.7699	* 1.7167	* 1.7501	* 1.8124	* 1.5675	* 1.7930	* 1.7400	* 3.6049 *
10	* 0.8987	* 0.9966	* 0.8825	* 1.0327	* 0.9895	* 1.0876	* 0.7350 *	
	* 1.9316	* 1.7452	* 1.9669	* 1.6923	* 1.7746	* 1.6267	* 2.3992 *	
11	* 1.0755	* 0.9590	* 1.0278	* 0.8848	* 0.9697	* 1.0135	* 0.4951 *	
	* 1.6331	* 1.8270	* 1.6996	* 1.9652	* 1.8018	* 1.7335	* 3.5205 *	
12	* 1.0645	* 1.1077	* 0.9802	* 0.9656	* 0.9640	* 0.5688 *		
	* 1.6608	* 1.5891	* 1.7903	* 1.8087	* 1.8069	* 3.0482 *		
13	* 0.9199	* 0.9707	* 1.0742	* 1.0055	* 0.5670 *			
	* 1.9176	* 1.8202	* 1.6455	* 1.7460	* 3.0567 *			
14	* 1.0195	* 1.0106	* 0.7256	* 0.4895 *				
	* 1.7394	* 1.7537	* 2.4281	* 3.5575 *				
15	* 0.5192	* 0.4702	* F-SUB-Q					
	* 3.3771	* 3.7235	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9481	* 0.8051	* 0.7494	* 0.9322	* 0.8671	* 0.7308	* 0.8070	* 0.4100
	* 1.7702	* 2.0757	* 2.2293	* 1.8041	* 1.9502	* 2.3166	* 2.1053	* 4.1056
9	* 0.8051	* 0.8489	* 0.8749	* 0.8101	* 0.9726	* 0.8037	* 0.7933	* 0.3862
	* 2.0757	* 1.9658	* 1.9053	* 2.0813	* 1.7390	* 2.1082	* 2.1410	* 4.3590
10	* 0.7494	* 0.8754	* 0.7486	* 0.9029	* 0.8203	* 0.8960	* 0.5826	*
	* 2.2293	* 1.9042	* 2.2261	* 1.8576	* 2.0522	* 1.8914	* 2.9052	*
11	* 0.9322	* 0.8004	* 0.8977	* 0.7365	* 0.8250	* 0.8066	* 0.4067	*
	* 1.8041	* 2.0996	* 1.8675	* 2.2658	* 2.0299	* 2.0884	* 4.1189	*
12	* 0.8671	* 0.9580	* 0.8132	* 0.8215	* 0.7851	* 0.4723	*	*
	* 1.9502	* 1.7644	* 2.0690	* 2.0378	* 2.1290	* 3.5279	*	*
13	* 0.7308	* 0.7918	* 0.8862	* 0.8005	* 0.4707	*	*	*
	* 2.3166	* 2.1382	* 1.9108	* 2.1029	* 3.5389	*	*	*
14	* 0.8070	* 0.7864	* 0.5756	* 0.4021	*	*	*	*
	* 2.1053	* 2.1587	* 2.9382	* 4.1623	*	*	*	*
15	* 0.4100	* 0.3784	* F-SUB-Q					
	* 4.1056	* 4.4455	* M-SUB-Q					

AT 30% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3893	* 0.3483	* 0.3403	* 0.3959	* 0.3698	* 0.3221	* 0.3052	* 0.1787
	* 4.1088	* 4.5962	* 4.6952	* 4.0490	* 4.3609	* 5.0285	* 5.3077	* 9.0220
9	* 0.3483	* 0.3607	* 0.3812	* 0.3555	* 0.3931	* 0.3405	* 0.2988	* 0.1666
	* 4.5962	* 4.4239	* 4.1801	* 4.5233	* 4.1026	* 4.7543	* 5.4229	* 9.6809
10	* 0.3403	* 0.3813	* 0.3400	* 0.3817	* 0.3505	* 0.3476	* 0.2529	*
	* 4.6952	* 4.1791	* 4.6952	* 4.1885	* 4.5909	* 4.6463	* 6.3990	*
11	* 0.3959	* 0.3528	* 0.3803	* 0.3282	* 0.3457	* 0.3008	* 0.1779	*
	* 4.0490	* 4.5545	* 4.2024	* 4.8716	* 4.6297	* 5.3369	* 9.0233	*
12	* 0.3698	* 0.3885	* 0.3476	* 0.3443	* 0.2989	* 0.2141	*	*
	* 4.3609	* 4.1494	* 4.6276	* 4.6472	* 5.3389	* 7.4580	*	*
13	* 0.3221	* 0.3361	* 0.3440	* 0.2986	* 0.2132	*	*	*
	* 5.0285	* 4.8133	* 4.6920	* 5.3702	* 7.4846	*	*	*
14	* 0.3052	* 0.2963	* 0.2501	* 0.1760	*	*	*	*
	* 5.3077	* 5.4652	* 6.4660	* 9.1135	*	*	*	*
15	* 0.1787	* 0.1659	* F-SUB-Q					
	* 9.0220	* 9.7196	* M-SUB-Q					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-5

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	3.3476	3.3961	3.5166	3.4238	3.5012	3.9623	4.4597	6.4938
9*	3.3961	3.3986	3.3769	3.4985	3.5119	3.7972	4.5833	6.6308
10*	3.5166	3.3755	3.4386	3.4985	3.6071	4.0547	4.8940	
11*	3.4238	3.4996	3.4994	3.6855	3.9274	4.5201	6.1094	
12*	3.5012	3.5267	3.6147	3.9303	4.4917	5.2591		
13*	3.9623	3.8142	4.0658	4.5292	5.2688			
14*	4.4597	4.5948	4.9122	6.1300				
15 *	6.4938	6.6823						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.6439	1.7639	1.9001	1.7522	1.7870	2.0426	2.0365	3.2746
9*	1.7639	1.7284	1.7532	1.8269	1.7088	1.9387	2.0827	3.4109
10*	1.9001	1.7523	1.8676	1.7891	1.8735	1.9037	2.5095	
11*	1.7522	1.8285	1.7895	1.9662	1.9782	2.0987	3.1706	
12*	1.7870	1.7184	1.8770	1.9799	2.1023	2.8635		
13*	2.0426	1.9478	1.9086	2.1027	2.8662			
14*	2.0365	2.0878	2.5193	3.1836				
15 *	3.2746	3.4676						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.6124	1.5871	1.7114	1.6694	1.6110	1.7702	1.8158	2.8129
9*	1.5871	1.5788	1.7461	1.6568	1.6560	1.7138	1.8357	2.9207
10*	1.7114	1.7438	1.6991	1.7144	1.6800	1.7607	2.1397	
11*	1.6694	1.6617	1.7161	1.7619	1.8952	1.8485	2.7412	
12*	1.6110	1.6688	1.6843	1.8976	1.8940	2.5582		
13*	1.7703	1.7233	1.7672	1.8526	2.5588			
14*	1.8158	1.8410	2.1489	2.7530				
15 *	2.8129	2.9620						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.4983	1.4939	1.6217	1.5484	1.4931	1.6387	1.6249	2.6151
9*	1.4939	1.4915	1.6251	1.5674	1.5280	1.5878	1.6417	2.7649
10*	1.6217	1.6222	1.6531	1.5940	1.5750	1.5995	2.0016	
11*	1.5484	1.5729	1.5961	1.6935	1.7466	1.6868	2.6374	
12*	1.4931	1.5406	1.5799	1.7493	1.7485	2.4731		
13*	1.6387	1.5988	1.6067	1.6913	2.4728			
14*	1.6249	1.6470	2.0120	2.6508				
15 *	2.6151	2.8132						

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5029	1.5166	1.6472	1.5444	1.4905	1.6414	1.6041	2.6007
9*	1.5166	1.5104	1.6402	1.5822	1.5252	1.5877	1.6222	2.7479
10*	1.6472	1.6369	1.6641	1.5935	1.5771	1.5808	1.9762	
11*	1.5444	1.5886	1.5961	1.6958	1.7242	1.6503	2.5901	
12*	1.4905	1.5391	1.5830	1.7274	1.7162	2.4191		
13*	1.6414	1.5997	1.5878	1.6555	2.4186			
14*	1.6041	1.6283	1.9873	2.6038				
15 *	2.6007	2.7909						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5144	1.5375	1.6713	1.5444	1.4914	1.6523	1.6079	2.6259
9*	1.5375	1.5337	1.6618	1.5942	1.5255	1.5869	1.6232	2.7646
10*	1.6713	1.6581	1.6851	1.6029	1.5786	1.5642	1.9690	
11*	1.5444	1.6014	1.6060	1.7063	1.7118	1.6336	2.5655	
12*	1.4914	1.5404	1.5854	1.7159	1.7023	2.4070		
13*	1.6523	1.5983	1.5721	1.6393	2.4067			
14*	1.6079	1.6300	1.9812	2.5800				
15 *	2.6259	2.8063						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5203	1.5481	1.6820	1.5368	1.4820	1.6438	1.5890	2.6412
9*	1.5481	1.5367	1.6594	1.5967	1.5141	1.5735	1.6012	2.7891
10*	1.6820	1.6556	1.7142	1.5898	1.5742	1.5440	1.9665	
11*	1.5368	1.6045	1.5933	1.7161	1.6971	1.6176	2.5982	
12*	1.4820	1.5294	1.5817	1.7019	1.6892	2.4353		
13*	1.6438	1.5861	1.5524	1.6237	2.4344			
14*	1.5890	1.6084	1.9796	2.6144				
15 *	2.6412	2.8374						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5698	1.5989	1.7365	1.5747	1.5131	1.6794	1.6067	2.6772
9*	1.5989	1.5812	1.7099	1.6414	1.5495	1.6037	1.6210	2.8284
10*	1.7365	1.7058	1.7644	1.6262	1.6118	1.5702	2.0036	
11*	1.5747	1.6500	1.6307	1.7586	1.7310	1.6471	2.6588	
12*	1.5131	1.5659	1.6201	1.7364	1.7209	2.4828		
13*	1.6794	1.6175	1.5795	1.6538	2.4819			
14*	1.6067	1.6287	2.0178	2.6767				
15 *	2.6772	2.8770						

# Harris Unit 1 Cycle 23 Core Operating Limits Report

HNEI-0400-0016  
 Appendix A, Rev. 2  
 Page 301 of 306

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5900	1.6264	1.7678	1.5870	1.5277	1.7009	1.6150	2.7381
9*	1.6264	1.6058	1.7281	1.6665	1.5583	1.6174	1.6281	2.9047
10*	1.7678	1.7240	1.7930	1.6360	1.6293	1.5738	2.0459	
11*	1.5870	1.6757	1.6409	1.7967	1.7365	1.6511	2.7342	
12*	1.5277	1.5751	1.6384	1.7421	1.7278	2.5452		
13*	1.7009	1.6322	1.5836	1.6581	2.5438			
14*	1.6150	1.6362	2.0617	2.7506				
15 *	2.7381	2.9664						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7071	1.7353	1.8812	1.6944	1.6157	1.7979	1.7098	2.8400
9*	1.7353	1.7103	1.8594	1.7615	1.6617	1.7096	1.7266	2.9737
10*	1.8812	1.8544	1.8847	1.7440	1.7258	1.6700	2.1166	
11*	1.6944	1.7793	1.7494	1.8729	1.8508	1.7581	2.8028	
12*	1.6157	1.6855	1.7358	1.8571	1.8425	2.6197		
13*	1.7979	1.7259	1.6810	1.7659	2.6194			
14*	1.7098	1.7358	2.1331	2.8224				
15 *	2.8400	3.0270						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7451	1.7866	1.9431	1.7226	1.6474	1.8379	1.7199	2.9313
9*	1.7866	1.7560	1.8920	1.8184	1.6847	1.7394	1.7356	3.1057
10*	1.9431	1.8872	1.9581	1.7701	1.7652	1.6857	2.2013	
11*	1.7226	1.8295	1.7758	1.9531	1.8714	1.7746	2.9577	
12*	1.6474	1.7060	1.7760	1.8780	1.8626	2.7460		
13*	1.8379	1.7570	1.6972	1.7827	2.7444			
14*	1.7199	1.7450	2.2194	2.9766				
15 *	2.9313	3.1724						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7803	1.8232	1.9785	1.7667	1.7044	1.9064	1.7895	3.0494
9*	1.8232	1.7932	1.9281	1.8663	1.7330	1.8090	1.8063	3.2252
10*	1.9785	1.9233	2.0082	1.8199	1.8205	1.7515	2.2882	
11*	1.7667	1.8778	1.8263	1.9974	1.9350	1.8409	3.0613	
12*	1.7044	1.7527	1.8322	1.9424	1.9268	2.8291		
13*	1.9064	1.8279	1.7636	1.8494	2.8266			
14*	1.7895	1.8164	2.3068	3.0800				
15 *	3.0494	3.2872						

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7895	1.8249	1.9721	1.7690	1.6957	1.8972	1.7977	3.0476
9*	1.8249	1.7932	1.9405	1.8561	1.7371	1.7998	1.8124	3.1882
10*	1.9721	1.9352	1.9830	1.8188	1.8118	1.7497	2.2505	
11*	1.7690	1.8746	1.8255	1.9652	1.9302	1.8367	2.9921	
12*	1.6957	1.7578	1.8240	1.9380	1.9201	2.7701		
13*	1.8972	1.8197	1.7630	1.8462	2.7697			
14*	1.7977	1.8233	2.2707	3.0172				
15 *	3.0476	3.2477						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7054	1.7557	1.8971	1.6838	1.6177	1.8133	1.6954	2.9450
9*	1.7557	1.7194	1.8385	1.7891	1.6463	1.7131	1.7078	3.1158
10*	1.8971	1.8344	1.9191	1.7293	1.7345	1.6546	2.1902	
11*	1.6838	1.8013	1.7360	1.9122	1.8304	1.7385	2.9610	
12*	1.6177	1.6662	1.7470	1.8381	1.8217	2.7240		
13*	1.8133	1.7332	1.6679	1.7480	2.7227			
14*	1.6954	1.7184	2.2112	2.9831				
15 *	2.9450	3.1859						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.6621	1.7171	1.8557	1.6387	1.5725	1.7649	1.6363	2.8670
9*	1.7171	1.6776	1.7902	1.7481	1.5993	1.6629	1.6485	3.0392
10*	1.8557	1.7877	1.8736	1.6808	1.6900	1.6011	2.1389	
11*	1.6387	1.7607	1.6876	1.8642	1.7749	1.6833	2.9090	
12*	1.5725	1.6192	1.7028	1.7827	1.7662	2.6698		
13*	1.7649	1.6834	1.6146	1.6930	2.6697			
14*	1.6363	1.6591	2.1602	2.9314				
15 *	2.8670	3.1117						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24  
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.6470	1.6999	1.8391	1.6188	1.5488	1.7415	1.6086	2.8225
9*	1.6999	1.6585	1.7720	1.7307	1.5786	1.6381	1.6215	2.9837
10*	1.8391	1.7710	1.8549	1.6592	1.6682	1.5749	2.1029	
11*	1.6188	1.7437	1.6663	1.8437	1.7508	1.6594	2.8596	
12*	1.5488	1.6002	1.6815	1.7589	1.7432	2.6245		
13*	1.7415	1.6592	1.5888	1.6693	2.6234			
14*	1.6086	1.6324	2.1247	2.8828				
15 *	2.8225	3.0528						

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.6736	1.7143	1.8528	1.6387	1.5580	1.7530	1.6242	2.8105
9*	1.7143	1.6708	1.7990	1.7407	1.5984	1.6486	1.6395	2.9385
10*	1.8528	1.7993	1.8514	1.6785	1.6795	1.5889	2.0812	
11*	1.6387	1.7594	1.6860	1.8302	1.7713	1.6782	2.8036	
12*	1.5580	1.6247	1.6934	1.7798	1.7645	2.5854		
13*	1.7530	1.6705	1.6035	1.6887	2.5851			
14*	1.6242	1.6512	2.1030	2.8307				
15 *	2.8105	2.9954						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5912	1.6510	1.7901	1.5668	1.5000	1.6963	1.5510	2.7816
9*	1.6510	1.6061	1.7138	1.6860	1.5244	1.5881	1.5633	2.9466
10*	1.7901	1.7128	1.8060	1.6074	1.6230	1.5185	2.0642	
11*	1.5668	1.6989	1.6149	1.7928	1.6948	1.6044	2.8384	
12*	1.5000	1.5482	1.6373	1.7036	1.6902	2.5889		
13*	1.6963	1.6107	1.5335	1.6152	2.5889			
14*	1.5510	1.5749	2.0878	2.8635				
15 *	2.7816	3.0206						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5577	1.6166	1.7556	1.5338	1.4641	1.6600	1.5168	2.7393
9*	1.6166	1.5721	1.6817	1.6534	1.4897	1.5517	1.5284	2.8991
10*	1.7556	1.6785	1.7741	1.5734	1.5874	1.4833	2.0262	
11*	1.5338	1.6665	1.5811	1.7602	1.6590	1.5697	2.7953	
12*	1.4641	1.5145	1.6019	1.6678	1.6558	2.5466		
13*	1.6600	1.5746	1.4985	1.5806	2.5473			
14*	1.5168	1.5403	2.0503	2.8208				
15 *	2.7393	2.9746						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5351	1.5972	1.7386	1.5216	1.4486	1.6456	1.5140	2.7387
9*	1.5972	1.5558	1.6605	1.6343	1.4707	1.5390	1.5161	2.8291
10*	1.7386	1.6560	1.7620	1.5633	1.5708	1.4747	2.0121	
11*	1.5216	1.6484	1.5711	1.7483	1.6501	1.5557	2.7802	
12*	1.4486	1.4940	1.5852	1.6591	1.6422	2.4778		
13*	1.6456	1.5620	1.4920	1.5667	2.4788			
14*	1.5140	1.5278	2.0362	2.8063				
15 *	2.7387	2.9642						

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-5 (CONTINUED)

M-SUB-C VALUES (F-SUB-Q RPS MARGIN) POWER ESCALATION

AT 118% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5374	1.6042	1.7486	1.5426	1.4639	1.6652	1.5417	2.8075
9*	1.6042	1.5666	1.6637	1.6392	1.4769	1.5610	1.5420	2.9037
10*	1.7486	1.6591	1.7766	1.5923	1.5816	1.4885	2.0387	
11*	1.5426	1.6531	1.6002	1.7641	1.6703	1.5752	2.8107	
12*	1.4639	1.4979	1.5959	1.6766	1.6616	2.5066		
13*	1.6652	1.5840	1.5058	1.5864	2.5080			
14*	1.5417	1.5543	2.0634	2.8378				
15 *	2.8075	3.0188						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5999	1.6500	1.7982	1.5947	1.5156	1.7411	1.6525	2.9949
9*	1.6500	1.5981	1.7235	1.6715	1.5287	1.6259	1.6529	3.0811
10*	1.7982	1.7232	1.8162	1.6475	1.6224	1.5631	2.1508	
11*	1.5947	1.6850	1.6554	1.8127	1.7415	1.6555	2.9238	
12*	1.5156	1.5500	1.6364	1.7479	1.7315	2.5817		
13*	1.7411	1.6488	1.5809	1.6670	2.5834			
14*	1.6525	1.6656	2.1760	2.9526				
15 *	2.9949	3.1924						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7435	1.9240	2.0583	1.7536	1.7743	2.0967	1.9855	3.6333
9*	1.9240	1.8198	1.8661	1.9132	1.6820	1.9048	2.0180	3.7198
10*	2.0583	1.8650	2.0557	1.7994	1.8792	1.8007	2.5969	
11*	1.7536	1.9280	1.8088	2.0804	1.9436	1.9870	3.4132	
12*	1.7743	1.7068	1.8944	1.9508	2.0322	2.9800		
13*	2.0967	1.9304	1.8187	2.0004	2.9830			
14*	1.9855	2.0343	2.6257	3.4472				
15 *	3.6333	3.8048						

AT 118% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24  
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	3.9799	4.1965	4.2703	3.9011	3.9589	4.5400	5.0296	7.9431
9*	4.1965	4.0290	4.0300	4.1077	3.9407	4.3017	5.1402	8.2147
10*	4.2703	4.0289	4.2716	4.0194	4.1522	4.4322	5.7237	
11*	3.9011	4.1355	4.0316	4.4041	4.4127	5.0607	7.4234	
12*	3.9589	3.9832	4.1830	4.4276	5.0554	6.2403		
13*	4.5400	4.3492	4.4722	5.0890	6.2458			
14*	5.0296	5.1797	5.7790	7.4831				
15 *	7.9431	8.2689						



Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-6

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 100% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.4479	1.3339	1.2311	1.4418	1.3973	1.2407	1.3481	0.7421
	1.1578	1.2449	1.3516	1.1682	1.2016	1.3475	1.2419	2.1781
9	1.3339	1.3569	1.3306	1.2951	1.4627	1.3085	1.3483	0.6839
	1.2449	1.2249	1.2650	1.2897	1.1540	1.2750	1.2500	2.3720
10	1.2311	1.3338	1.2072	1.3930	1.3131	1.4152	1.0177	
	1.3516	1.2629	1.3693	1.2107	1.2764	1.1749	1.6227	
11	1.4418	1.2874	1.3889	1.2055	1.2953	1.3436	0.7066	
	1.1682	1.2964	1.2143	1.3900	1.2862	1.2287	2.2756	
12	1.3973	1.4464	1.3049	1.2914	1.2921	0.7858		
	1.2016	1.1664	1.2833	1.2894	1.2780	2.0488		
13	1.2407	1.2940	1.4039	1.3369	0.7842			
	1.3475	1.2876	1.1823	1.2339	2.0525			
14	1.3481	1.3406	1.0089	0.7012				
	1.2419	1.2563	1.6353	2.2908				
15	0.7421	0.6710	F-DEL-H					
	2.1781	2.4129	M-DEL-H					

AT 75% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.4611	1.3454	1.2358	1.4515	1.4140	1.2505	1.3557	0.7344
	1.3862	1.5066	1.6501	1.4156	1.4552	1.6409	1.5063	2.7277
9	1.3454	1.3657	1.3348	1.3038	1.4726	1.3202	1.3557	0.6762
	1.5066	1.4894	1.5471	1.5726	1.4099	1.5628	1.5207	2.9759
10	1.2358	1.3381	1.2076	1.3966	1.3212	1.4252	1.0181	
	1.6501	1.5443	1.6783	1.4829	1.5426	1.4249	2.0029	
11	1.4515	1.2954	1.3921	1.2039	1.2948	1.3438	0.6989	
	1.4156	1.5814	1.4871	1.7072	1.5525	1.4752	2.7522	
12	1.4140	1.4551	1.3122	1.2905	1.2847	0.7750		
	1.4552	1.4249	1.5511	1.5580	1.5362	2.4430		
13	1.2505	1.3045	1.4138	1.3364	0.7733			
	1.6409	1.5795	1.4341	1.4819	2.4488			
14	1.3557	1.3474	1.0087	0.6932				
	1.5063	1.5289	2.0194	2.7711				
15	0.7344	0.6633	F-DEL-H					
	2.7277	3.0280	M-DEL-H					

Harris Unit 1 Cycle 23 Core Operating Limits Report

TABLE A-6 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 50% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.4724	1.3549	1.2387	1.4600	1.4296	1.2598	1.3641	0.7280
	1.8178	1.9627	2.1991	1.8730	1.9177	2.1940	1.9025	3.6906
9	1.3549	1.3724	1.3372	1.3112	1.4817	1.3316	1.3637	0.6697
	1.9627	1.9851	2.0830	2.0742	1.8689	2.0575	2.0393	4.0373
10	1.2387	1.3407	1.2066	1.3992	1.3284	1.4363	1.0192	
	2.1991	2.0795	2.2470	1.9639	2.0417	1.8879	2.7178	
11	1.4600	1.3023	1.3943	1.2013	1.2940	1.3446	0.6921	
	1.8730	2.0865	1.9735	2.2976	2.0769	1.9729	3.6917	
12	1.4296	1.4631	1.3188	1.2894	1.2779	0.7653		
	1.9177	1.8932	2.0549	2.0850	2.0653	3.2801		
13	1.2598	1.3148	1.4239	1.3365	0.7634			
	2.1940	2.0841	1.9010	1.9829	3.2895			
14	1.3641	1.3549	1.0092	0.6861				
	1.9025	2.0614	2.7398	3.7196				
15	0.7280	0.6568	F-DEL-H					
	3.6906	4.1054	M-DEL-H					

AT 30% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.4821	1.3626	1.2410	1.4671	1.4426	1.2678	1.3714	0.7227
	1.8178	1.9627	2.1991	1.8730	1.9177	2.1940	1.9025	3.6906
9	1.3626	1.3776	1.3393	1.3174	1.4912	1.3411	1.3708	0.6644
	1.9627	1.9851	2.0830	2.0742	1.8689	2.0575	2.0393	4.0373
10	1.2410	1.3430	1.2059	1.4012	1.3342	1.4456	1.0204	
	2.1991	2.0795	2.2470	1.9639	2.0417	1.8879	2.7178	
11	1.4671	1.3081	1.3959	1.1991	1.2930	1.3450	0.6866	
	1.8730	2.0865	1.9735	2.2976	2.0769	1.9729	3.6917	
12	1.4426	1.4702	1.3240	1.2880	1.2717	0.7570		
	1.9177	1.8932	2.0549	2.0850	2.0653	3.2801		
13	1.2678	1.3235	1.4323	1.3363	0.7549			
	2.1940	2.0841	1.9010	1.9829	3.2895			
14	1.3714	1.3615	1.0098	0.6802				
	1.9025	2.0614	2.7398	3.7196				
15	0.7227	0.6514	F-DEL-H					
	3.6906	4.1054	M-DEL-H					