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TITLE : MCGUIRE 1 CYCLE 8 CORE OPERATING LIMITS REPORT

SIGN - OFF DATE

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McGuire Nuclear Station COLR

McGuire Unit 1 Cycle 8

Core Operating Limits Report

September 1992

Revision 2

Duke Power Company

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## McGuire 1 Cycle 8 Core Operating Limits Report

### REVISION LOG

<u>Revision</u>	<u>Effective Date</u>	<u>Effective Pages</u>
Original Issue (Rev. 0)	19 November 1991	Pages 4 - 267, 269, 271 and 273
Revision 1	22 July 1992	Pages 1 - 3A, 268, 270 and 272
Revision 2	24 September 1992	Pages 1 - 3A, 13 - 21, 49 - 57, 85 - 93, 121 - 129, 157 - 165, 193 - 201, 229 - 255, 258, 262, 264, 266, 268, 270, and 272

## McGuire 1 Cycle 8 Core Operating Limits Report

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Table 1

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FOU (J-D) AT: 100% POWER 4 EFFD THIS IS THE 18-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.8773	.8382	.7107	.8244	.6936	.6706	.75	.4748
9 *	.8342	.7661	.8409	.7352	.8007	.6240	.3183	.4473
10 *	.7061	.8410	.7444	.8739	.7324	.7208	.5752	.4697
11 *	.9259	.7349	.7745	.7509	.7768	.6353	.5841	.4006
12 *	.8907	.7993	.7817	.7764	.6938	.6298	.4	
13 *	.6705	.6242	.7711	.8396	.6709	.6268	.375	
14 *	.5480	.6185	.6781	.6841	.4987	.3793		
15 *	.4748	.4474	.4687	.5007				

FOU (J-D) AT: 100% POWER 4 EFFD THIS IS THE 17-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.8235	1.1816	1.0490	1.1922	1.0533	1.0860	.8870	.8144
9 *	1.1792	1.0656	1.1980	1.0366	1.1567	.8624	.9802	.7027
10 *	1.0427	1.1993	1.1160	1.1438	1.0601	1.0770	.9247	.8037
11 *	1.1615	1.0762	1.1448	1.0859	1.1295	.9942	.9560	.6302
12 *	1.0478	1.1947	1.0592	1.1290	.9080	.9820	.7947	
13 *	1.0958	.9627	1.0774	.9946	.9837	.7875	.5916	
14 *	.8927	.9805	.9245	.9559	.7939	.5818		
15 *	.8143	.7029	.8937	.6305				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 4 EPPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9457	1.3717	1.2085	1.3843	1.2288	1.2915	1.0692	1.0188
9 *	1.3654	1.1961	1.3963	1.1702	1.3649	1.1299	1.2077	.8471
10 *	1.2014	1.3966	1.2632	1.2992	1.2179	1.2971	1.1180	1.0065
11 *	1.3835	1.1697	1.3003	1.2397	1.3415	1.1892	1.1894	.7574
12 *	1.2236	1.3625	1.2168	1.3409	1.0642	1.2003	.9572	
13 *	1.2913	1.1303	1.2976	1.1897	1.2024	.9378	.6771	
14 *	1.0761	1.2083	1.1178	1.1894	.9563	.6773		
15 *	1.0186	.8473	1.0065	.7574				

FQD (3-D) AT: 100% POWER 4 EPPD THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9893	1.4727	1.2883	1.4952	1.3220	1.4029	1.1719	1.1424
9 *	1.4659	1.2623	1.5019	1.2377	1.4826	1.2199	1.3451	.9341
10 *	1.2808	1.5022	1.3607	1.3737	1.3033	1.4284	1.2314	1.1371
11 *	1.4943	1.2372	1.3749	1.3209	1.4652	1.3037	1.3316	.8325
12 *	1.3164	1.4799	1.3022	1.4646	1.1436	1.3301	1.0478	
13 *	1.4027	1.2203	1.4288	1.3033	1.3324	1.0181	.7275	
14 *	1.1794	1.3455	1.2317	1.3316	1.0468	.7278		
15 *	1.1422	.9343	1.1301	.8326				

Table I (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 4 EPPD THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0287	1.5309	1.3366	1.5821	1.3805	1.4751	1.2385	1.2230
9 *	1.5238	1.2991	1.5837	1.2786	1.5557	1.2775	1.4350	.9919
10 *	1.0278	1.5640	1.4002	1.4192	1.3579	1.5135	1.2071	1.2110
11 *	1.5612	1.2781	1.4204	1.3730	1.5443	1.3786	1.4256	.8813
12 *	1.3746	1.5529	1.3567	1.5437	1.2026	1.4142	1.1053	
13 *	1.4748	1.2779	1.5181	1.3792	1.4166	1.3702	.7587	
14 *	1.2469	1.4354	1.3068	1.4255	1.1042	.7589		
15 *	1.2228	.9917	1.2110	.8816				

FQD (3-D) AT: 100% POWER 4 EPPD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0453	1.5685	1.1675	1.6074	1.4219	1.5294	1.2876	1.2802
9 *	1.5612	1.3230	1.4046	1.3087	1.6065	1.3189	1.4998	1.0320
10 *	1.0596	1.6049	1.4377	1.4519	1.3969	1.5742	1.3624	1.2683
11 *	1.6064	1.3062	1.4532	1.4107	1.6004	1.4343	1.4935	.9151
12 *	1.4158	1.6036	1.3957	1.5997	1.2412	1.4741	1.1452	
13 *	1.5282	1.3193	1.5748	1.4149	1.4766	1.1067	.7795	
14 *	1.2953	1.5003	1.3822	1.4935	1.1441	.7798		
15 *	1.2800	1.0323	1.2683	.9154				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD 13-D) AT: 100% POWER      4 EFPD      THIS IS THE 12-TH LEVEL OF 18

HERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0567	1.5941	1.3900	1.6398	1.4522	1.5698	1.3245	1.3230
9 *	1.5867	1.3387	1.6334	1.3262	1.6438	1.3497	1.5495	1.0615
10 *	1.3819	1.6337	1.4600	1.4759	1.4257	1.6201	1.4044	1.3110
11 *	1.8388	1.3257	1.4172	1.4385	1.6424	1.4767	1.5455	.9389
12 *	1.4460	1.6409	1.4245	1.6417	1.2694	1.5190	1.1736	
13 *	1.5695	1.3501	1.6207	1.4773	.5217	1.1926	.7931	
14 *	1.3330	1.5499	1.4042	1.5455	1.1725	.7933		
15 *	1.8218	1.0617	1.3108	.8392				

FQD 13-D) AT: 100% POWER      4 EFPD      THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0613	1.6108	1.4046	1.6824	.4732	1.6011	1.3519	1.3554
9 *	1.6933	1.3473	1.6528	1.3381	1.6706	1.3715	1.5878	1.0823
10 *	1.3964	1.6531	1.4740	1.4914	1.4456	1.6545	1.4359	1.3429
11 *	1.6614	1.3375	1.4927	1.4572	1.6733	1.5093	1.5058	.9549
12 *	1.4669	1.6677	1.4444	1.6725	1.2990	1.5528	1.1928	
13 *	1.6009	1.3720	1.6552	1.5090	1.5556	1.1497	.8005	
14 *	1.3606	1.5883	1.4356	1.5857	1.1917	.8007		
15 *	1.3552	1.0825	1.3427	.9553				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 4 EPFD THIS IS THE 10-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.3807	1.6156	1.4120	1.4760	1.4653	1.6228	1.3707	1.3789
9 *	1.4121	1.3491	1.4617	1.3824	1.6879	1.3849	1.6164	1.0954
10 *	1.4038	1.6640	1.4798	1.4983	1.4570	1.6789	1.4578	1.3658
11 *	1.4750	1.3419	1.4996	1.4670	1.6941	1.5302	1.6159	.9641
12 *	1.4790	1.6849	1.4957	1.6914	1.3934	1.5766	1.2036	
13 *	1.6226	1.3854	1.6795	1.5109	1.5793	1.1887	.8021	
14 *	1.3795	1.6168	1.4575	1.6159	1.3025	.8023		
15 *	1.3787	1.0957	1.3658	.9644				

FQD (3-D) AT: 100% POWER 4 EPFD THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.3552	1.6210	1.4124	1.6810	1.4888	1.6349	1.3811	1.3939
9 *	1.6138	1.3444	1.6565	1.3394	1.6959	1.3900	1.6354	1.1014
10 *	1.4042	1.6668	1.4773	1.4963	1.4598	1.6914	1.4774	1.3801
11 *	1.6800	1.3389	1.4376	1.4678	1.7051	1.5425	1.6361	.9668
12 *	1.4824	1.6929	1.4535	1.7744	1.3038	1.5908	1.2065	
13 *	1.6346	1.3904	1.6941	1.5431	1.5936	1.1899	.7982	
14 *	1.3899	1.6358	1.4771	1.6360	1.2054	.7984		
15 *	1.3936	1.1017	1.3801	.9671				

Table 1 (cont.)

## CORE OPERATING LIMITS REPORT

## F-SUB-Q DESIGN

PQD 13-D) AT: 100% POWER 4 EFVD THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0453	1.6156	1.4063	1.6778	1.4838	1.6372	1.3830	1.4003
9 *	1.1731	1.3336	1.6616	1.3295	1.6950	1.3869	1.6447	1.1001
10 *	1.3981	1.6619	1.4670	1.4858	1.4544	1.6981	1.4734	1.3856
11 *	1.6768	1.3290	1.4871	1.4598	1.7065	1.5450	1.6462	.9630
12 *	1.4775	1.6920	1.4531	1.7058	1.2993	1.5954	1.2015	
13 *	1.6370	1.3873	1.6988	1.5456	1.5982	1.1936	.7850	
14 *	1.3919	1.6452	1.4732	1.6462	1.2004	.7892		
15 *	1.4000	1.1004	1.3855	.9633				

PQD 13-G) AT: 100% POWER 4 EFVD THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0370	1.6046	1.3947	1.6674	1.4709	1.6301	1.3764	1.3975
9 *	1.9972	1.3180	1.6502	1.3137	1.6850	1.3759	1.6438	1.0914
10 *	1.3865	1.6505	1.4501	1.4678	1.4413	1.6929	1.4660	1.3816
11 *	1.6664	1.3131	1.4691	1.4437	1.6983	1.5375	1.6456	.9525
12 *	1.4647	1.6926	1.4400	1.6976	1.2872	1.5900	1.1886	
13 *	1.6299	1.3764	1.6935	1.5381	1.5928	1.1396	.7746	
14 *	1.3952	1.6443	1.4664	1.6455	1.1875	.7748		
15 *	1.3971	1.0916	1.3816	.7529				



Table 1 (cont.)

## CORE OPERATING LIMITS REPORT

## F-SUB-Q DESIGN

FQD 13-D) AT: 100% POWER 4 EPPD THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0163	1.5892	1.3799	1.6507	1.4513	1.6141	1.3610	1.3642
9 *	1.5818	1.2992	1.6136	1.2934	1.6685	1.3576	1.6318	1.0743
10 *	1.3710	1.6339	1.4284	1.4443	1.4216	1.6774	1.4492	1.3668
11 *	1.6497	1.2928	1.4456	1.4208	1.6808	1.5197	1.6327	.9349
12 *	1.4451	1.6656	1.4874	1.6801	1.2680	1.5740	1.1675	
13 *	1.6139	1.3581	1.6785	1.5203	1.5768	1.1182	.7953	
14 *	1.1698	1.6322	1.4487	1.6316	1.1664	.7555		
15 *	1.3840	1.0746	1.3687	.9353				

FQD 13-D) AT: 100% POWER 4 EPPD THIS IS THE 5-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9991	1.5689	1.3677	1.6283	1.4258	1.5898	1.1761	1.3569
9 *	1.5826	1.2793	1.6137	1.2707	1.6436	1.3325	1.6055	1.0473
10 *	1.3828	1.6130	1.4545	1.4181	1.3968	1.6498	1.4196	1.3374
11 *	1.6273	1.2702	1.4133	1.3928	1.6512	1.4904	1.6040	.9088
12 *	1.4197	1.6407	1.3988	1.6525	1.2421	1.5452	1.1174	
13 *	1.5815	1.3330	1.6514	1.4911	1.5479	1.0899	.7314	
14 *	1.1347	1.6080	1.4199	1.6039	1.1364	.7316		
15 *	1.3567	1.0476	1.3274	.9091				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 4 EFSD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9797	1.5431	1.3391	1.5964	1.3939	1.5552	1.2979	1.3069
9 *	1.5359	1.2591	1.5847	1.2466	1.6068	1.2994	1.5567	1.0060
10 *	1.3313	1.5845	1.3798	1.3915	1.3666	1.6041	1.3733	1.2850
11 *	1.5955	1.2461	1.5826	1.3603	1.6106	1.4461	1.5503	.8708
12 *	1.3880	1.6040	1.3654	1.6099	1.2086	1.4966	1.0953	
13 *	1.9550	1.2998	1.6047	1.4467	1.4992	1.0500	.7024	
14 *	1.3062	1.5572	1.3731	1.5502	1.0943	.7027		
15 *	1.1065	1.0062	1.2850	.8711				

FQD (3-D) AT: 100% POWER 4 EFSD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9516	1.4923	1.3048	1.6078	1.3462	1.4966	1.2334	1.2116
9 *	1.4854	1.2322	1.6309	1.2145	1.5404	1.2491	1.4631	.9389
10 *	1.2892	1.5312	1.2460	1.3575	1.3223	1.5213	1.2972	1.1883
11 *	1.5369	1.2143	1.3587	1.3155	1.5349	1.3743	1.4481	.8115
12 *	1.3405	1.5376	1.3213	1.6343	1.1595	1.4013	1.0205	
13 *	1.4964	1.2495	1.5218	1.3749	1.4107	.9929	.6677	
14 *	1.3413	1.4635	1.2969	1.4491	1.0296	.6639		
15 *	1.2114	.9391	1.1883	.8115				

Table I (cont.)

## CORE OPERATING LIMITS REPORT

## F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 4 EPPD THIS IS THE 2-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	D	F	R	D	C	B	A
8 *	.8995	1.3701	1.2185	1.4026	1.2422	1.3574	1.1002	1.0213
9 *	1.7618	1.1642	1.4016	1.1399	1.3949	1.1443	1.2719	.8156
10 *	1.2114	1.4019	1.2071	1.2659	1.2228	1.3548	1.1513	.9997
11 *	1.3018	1.1394	1.3680	1.3168	1.3781	1.2352	1.2430	.7046
12 *	1.2149	1.3925	1.2018	1.3776	1.0621	1.2303	.9091	
13 *	1.2572	1.1447	1.3551	1.2358	1.2324	.8868	.5938	
14 *	1.1670	1.2722	1.1611	1.2429	.9083	.5940		
15 *	1.0311	.8158	.9992	.7049				

FQD (3-D) AT: 100% POWER 4 EPPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	D	F	E	D	C	B	A
8 *	.6976	1.0973	.9402	1.1110	.9384	.9630	.7749	.6435
9 *	1.0922	.9164	1.1134	.8824	1.0945	.8540	.9150	.5567
10 *	.9338	1.1136	.9488	.9386	.9229	1.0423	.8180	.6294
11 *	1.1174	.8820	.9024	.9124	1.0703	.9014	.8552	.4792
12 *	.9744	1.0926	.9221	1.0699	.7973	.8940	.6337	
13 *	.6629	.8543	1.0427	.9018	.8856	.6337	.4205	
14 *	.7758	.9153	.8178	.8552	.6331	.4206		
15 *	.6424	.5568	.6194	.4793				

Table 1 (cont)

## CORE OPERATING LIMITS REPORT

## F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 200 EFPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.6348	.8509	.7593	.8465	.7458	.7498	.6255	.5665
9 *	.8491	.8087	.8535	.7887	.8362	.7058	.7077	.5348
10 *	.7655	.8562	.7972	.8265	.8012	.7865	.6620	.5607
11 *	.8467	.7805	.8270	.8094	.8245	.7168	.6855	.4757
12 *	.7504	.8372	.8008	.8245	.8740	.7264	.5642	
13 *	.7497	.7059	.7865	.7169	.7268	.6254	.4734	
14 *	.6288	.7077	.6619	.6854	.5639	.4735		
15 *	.8665	.5348	.5607	.4758				

FQD (3-D) AT: 100% POWER 200 EFPD THIS IS THE 17-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9276	1.2158	1.1293	1.2127	1.1067	1.1474	.9697	.9110
9 *	1.2132	1.1196	1.2267	1.0791	1.2011	1.0552	1.0713	.6023
10 *	1.1237	1.2249	1.1671	1.1689	1.1370	1.1600	1.0243	.9056
11 *	1.2131	1.0789	1.1695	1.1325	1.1889	1.0897	1.0643	.7164
12 *	1.1135	1.2026	1.1264	1.1890	1.0050	1.0905	.8823	
13 *	1.1472	1.0553	1.1600	1.0899	1.0911	.9141	.7019	
14 *	.9749	1.0712	1.0241	1.0641	.8918	.7021		
15 *	.8110	.8024	.9055	.7166				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 400 EFPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0320	1.3851	1.2677	1.3799	1.2434	1.2913	1.1054	1.0712
9 *	1.3821	1.2305	1.3937	1.1803	1.3688	1.1837	1.2482	.9176
10 *	1.2615	1.3915	1.2944	1.2740	1.2451	1.3406	1.1773	1.0689
11 *	1.3803	1.1800	1.2946	1.2430	1.3803	1.2455	1.2491	.8190
12 *	1.2810	1.1704	1.3445	1.3604	1.1299	1.2684	1.0145	
13 *	1.2911	1.1639	1.3406	1.2458	1.2691	1.0292	.7854	
14 *	1.1113	1.3482	1.1771	1.2490	1.0139	.7256		
15 *	1.0711	.9177	1.0888	.8191				

FQD (3-D) AT: 100% POWER 260 EFPD THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0709	1.4560	1.3164	1.4472	1.2887	1.3370	1.1519	1.1380
9 *	1.4528	1.2675	1.4804	1.2110	1.4358	1.2242	1.3217	.9634
10 *	1.3100	1.4582	1.3309	1.2998	1.2839	1.4371	1.2387	1.1388
11 *	1.4477	1.2107	1.3208	1.2768	1.4311	1.3053	1.3279	.8586
12 *	1.2968	1.4375	1.2832	1.4312	1.1712	1.3431	1.0623	
13 *	1.3368	1.2244	1.4172	1.3056	1.3439	1.0715	.8112	
14 *	1.1580	1.3217	1.2354	1.3278	1.0616	.8115		
15 *	1.1080	.9635	1.1387	.8588				

Table 1 (cont.)

## CORE OPERATING LIMITS REPORT

## F-SUB-Q DESIGN

FQD (J-D) AT: 100% POWER 200 EFPD THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0855	1.4875	1.3755	1.4754	1.3042	1.3514	1.1677	1.1655
9 *	1.4543	1.2804	1.4884	1.3138	1.4629	1.365	1.3524	.9811
10 *	1.3290	1.4861	1.3412	1.3043	1.2963	1.4500	1.2589	1.1684
11 *	1.4758	1.2195	1.3051	1.2870	1.4609	1.3298	1.3619	.8730
12 *	1.3122	1.4647	1.3956	1.4610	1.1848	1.3749	1.0791	
13 *	1.3511	1.2367	1.4500	1.3302	1.3757	1.0868	.8174	
14 *	1.1739	1.3523	1.2589	1.3617	1.0784	.8176		
15 *	1.1654	.9812	1.1683	.8732				

FQD (J-D) AT: 100% POWER 200 EFPD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0926	1.5059	1.3461	1.4907	1.3113	1.3576	1.1742	1.1784
9 *	1.5027	1.2870	1.5040	1.3333	1.4769	1.2410	1.3678	.9885
10 *	1.3396	1.5018	1.3458	1.3051	1.3014	1.4673	1.3703	1.1826
11 *	1.4912	1.2230	1.3059	1.2911	1.4766	1.3427	1.3793	.8731
12 *	1.3194	1.4717	1.3008	1.4767	1.1903	1.3912	1.0854	
13 *	1.3572	1.2412	1.4874	1.3429	1.3920	1.0928	.8174	
14 *	1.1804	1.3678	1.2700	1.3792	1.0717	.8176		
15 *	1.1783	.9886	1.1827	.8782				



Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (1-D) AT: 100% POWER 200 EFPD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0983	1.5215	1.3585	1.5035	1.3170	1.3626	1.1788	1.1869
9 *	1.9182	1.2932	1.5173	1.2266	1.4881	1.2444	1.3791	.9928
10 *	1.3489	1.5151	1.3573	1.3067	1.3057	1.4805	1.2784	1.1919
11 *	1.503*	1.2263	1.3075	1.2948	1.4889	1.3523	1.3919	.8802
12 *	1.3251	1.4899	1.3051	1.4890	1.1943	1.4031	1.0887	
13 *	1.3624	1.2446	1.4806	1.3525	1.4039	1.0963	.811	
14 *	1.1950	1.3790	1.2784	1.3917	1.0881	.8160		
15 *	1.1869	.9929	1.1917	.6804				

FQD (3-D) AT: 100% POWER 200 EFPD THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1046	1.5378	1.3594	1.5170	1.3235	1.3689	1.1839	1.1951
9 *	1.9345	1.3005	1.5316	1.2310	1.5000	1.2487	1.3903	.9966
10 *	1.3592	1.5293	1.3761	1.3098	1.3111	1.4938	1.2863	1.2005
11 *	1.8775	1.2308	1.3106	1.1394	1.5016	1.3619	1.4048	.8818
12 *	1.3316	1.5019	1.2104	1.5017	1.1989	1.4148	1.0918	
13 *	1.3687	1.2489	1.4938	1.3621	1.4156	1.0996	.8141	
14 *	1.1900	1.3902	1.2860	1.4038	1.0912	.8143		
15 *	1.1950	.9967	1.2003	.8920				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 300 EFPD THIS IS THE 10-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1120	1.5560	1.3778	1.5324	1.3313	1.3768	1.1900	1.2042
9 *	1.5826	1.3143	1.5477	1.2370	1.5137	1.2544	1.4030	1.0010
10 *	1.3712	1.5454	1.3614	1.3144	1.3180	1.5086	1.2953	1.2099
11 *	1.5329	1.2367	1.3152	1.3053	1.5159	1.3725	1.4173	.8838
12 *	1.0398	1.5156	1.3173	1.5160	1.2047	1.4277	1.0955	
13 *	1.3766	1.2546	1.5086	1.3726	1.4285	1.1035	.6127	
14 *	1.1963	1.4029	1.2954	1.4171	1.0948	.8129		
15 *	1.2041	1.0011	1.2097	.6840				

FQD (3-D) AT: 100% POWER 300 EFPD THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1205	1.5761	1.3814	1.5498	1.3405	1.3865	1.1978	1.2149
9 *	1.5727	1.3195	1.5659	1.2442	1.5295	1.2616	1.4176	1.0063
10 *	1.3847	1.5635	1.3720	1.3204	1.3265	1.5254	1.3055	1.2207
11 *	1.5503	1.2440	1.3212	1.2125	1.5321	1.3846	1.4323	.8864
12 *	1.0488	1.5313	1.3289	1.5322	1.2119	1.4424	1.1001	
13 *	1.3862	1.2618	1.5254	1.3848	1.4432	1.1081	.6117	
14 *	1.2041	1.4175	1.3052	1.4322	1.0994	.8119		
15 *	1.2148	1.0064	1.2203	.8866				

Table 1 (cont.)

## CORE OPERATING LIMITS REPORT

## P-SUB-C DESIGN

FQD (3-D) AT: 100% POWER 200 EFPD THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1302	1.5982	1.4065	1.5691	1.3511	1.3978	1.2071	1.2273
9 *	1.5948	1.3310	1.5858	1.2628	1.5472	1.2703	1.4342	1.0125
10 *	1.3997	1.5835	1.3919	1.3275	1.3365	1.5442	1.3171	1.2330
11 *	1.5696	1.2525	1.3283	1.3208	1.5904	1.3981	1.4493	.8898
12 *	1.3594	1.5491	1.3359	1.5505	1.2204	1.4589	1.1056	
13 *	1.3975	1.2705	1.5442	1.3983	1.4598	1.1136	.8111	
14 *	1.2134	1.4341	1.3189	1.4491	1.1049	.8113		
15 *	1.3272	1.0126	1.2329	.8900				

FQD (3-D) AT: 100% POWER 200 EFPD THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1407	1.6219	1.4229	1.5902	1.3628	1.4107	1.2179	1.2411
9 *	1.6184	1.3435	1.6076	1.3625	1.5670	1.2805	1.4527	1.0195
10 *	1.4160	1.6052	1.3928	1.3358	1.3481	1.5649	1.3300	1.2466
11 *	1.5907	1.2622	1.3385	1.3302	1.5705	1.4129	1.4679	.8936
12 *	1.3710	1.5689	1.3474	1.5706	1.2302	1.4771	1.1118	
13 *	1.4105	1.2807	1.5680	1.4131	1.4780	1.1197	.8108	
14 *	1.2243	1.4527	1.3297	1.4677	1.1111	.8110		
15 *	1.2411	1.0196	1.2465	.8938				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 200 EFPO THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1516	1.6464	1.4403	1.6126	1.3757	1.4255	1.2301	1.2557
9 *	1.6429	1.3570	1.6305	1.2734	1.5882	1.2923	1.4725	1.0267
10 *	1.4333	1.6281	1.4049	1.3454	1.3613	1.5869	1.3435	1.2606
11 *	1.6131	1.2731	1.3462	1.3407	1.5919	1.4284	1.4874	.8976
12 *	1.3841	1.5901	1.3606	1.5920	1.2413	1.4963	1.1195	
13 *	1.4253	1.3925	1.5869	1.4286	1.4971	1.1263	.8107	
14 *	1.2366	1.4725	1.3433	1.4873	1.1178	.8109		
15 *	1.2557	1.0268	1.2606	.8978				

FQD (3-D) AT: 100% POWER 200 EFPO THIS IS THE 5-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1617	1.6693	1.4578	1.6342	1.3890	1.4419	1.2430	1.2685
9 *	1.6656	1.3710	1.6526	1.2854	1.6091	1.3052	1.4911	1.0325
10 *	1.4507	1.6501	1.4191	1.3571	1.3759	1.6076	1.3563	1.2722
11 *	1.6347	1.2851	1.3579	1.1920	1.6125	1.4430	1.5048	.9002
12 *	1.3975	1.6110	1.3752	1.6126	1.2532	1.5139	1.1244	
13 *	1.4416	1.3055	1.6076	1.4413	1.5148	1.1324	.8106	
14 *	1.2495	1.4911	1.3560	1.5047	1.1237	.8108		
15 *	1.2684	1.0326	1.2720	.9004				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 200 EFPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1671	1.6824	1.4716	1.6479	1.4000	1.4575	1.2529	1.2712
9 *	1.6388	1.3831	1.6669	1.2970	1.6227	1.3168	1.5004	1.1320
10 *	1.4644	1.6644	1.4312	1.3707	1.3894	1.6168	1.2632	1.2726
11 *	1.6484	1.2967	1.3915	1.3826	1.6247	1.4519	1.5115	.8974
12 *	1.4086	1.6247	1.3986	1.6248	1.2631	1.5217	1.1254	
13 *	1.4672	1.3170	1.6189	1.4522	1.5226	1.1344	.8085	
14 *	1.2595	1.5004	1.3639	1.5113	1.1247	.8087		
15 *	1.2711	1.0321	1.2728	.8975				

FQD (3-D) AT: 100% POWER 200 EFPD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1555	1.6615	1.4679	1.6303	1.3961	1.4587	1.2458	1.2397
9 *	1.6579	1.3823	1.6498	1.2984	1.6056	1.3152	1.4757	1.0106
10 *	1.4602	1.6473	1.4330	1.3780	1.3895	1.5954	1.3477	1.2377
11 *	1.6308	1.2981	1.3738	1.3616	1.6043	1.4385	1.4811	.8756
12 *	1.4046	1.6075	1.3888	1.6044	1.2593	1.4951	1.1072	
13 *	1.4584	1.3154	1.5954	1.4387	1.4959	1.1198	.7962	
14 *	1.2524	1.4756	1.3474	1.4809	1.1065	.7964		
15 *	1.2396	1.0107	1.2375	.8768				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

PQD 13-D1 AT: 100% POWER 700 EFPD THIS IS THE 2-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0875	1.5396	1.3929	1.5144	1.3273	1.3870	1.1711	1.1110
9 *	1.5364	1.3227	1.5355	1.2460	1.4911	1.3530	1.3501	.9254
10 *	1.3861	1.9312	1.3718	1.3287	1.3259	1.4704	1.2563	1.1047
11 *	1.5143	1.2457	1.3294	1.3008	1.4844	1.3484	1.3445	.8005
12 *	1.3354	1.4929	1.3357	1.4845	1.1970	1.3674	1.0233	
13 *	1.3867	1.2532	1.4705	.487	1.3682	1.0443	.7412	
14 *	1.1773	1.4501	1.256	1.3443	1.0227	.7414		
15 *	1.3109	.9254	1.1846	.8006				

PQD 13-D1 AT: 100% POWER 365 EFPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.8354	1.1894	1.0719	1.1693	1.0188	1.0413	.8693	.7483
9 *	1.1868	1.0335	1.1543	.9721	1.1501	.9624	1.0095	.6611
10 *	1.0667	1.1825	1.0765	1.0228	1.0203	1.1231	.9280	.7409
11 *	1.1694	.9719	1.0234	1.0004	1.1392	1.0117	.9752	.5685
12 *	1.0251	1.1515	1.0198	1.1192	.9186	1.0244	.7409	
13 *	1.0412	.9625	1.1237	1.0118	1.0250	.7706	.5411	
14 *	.8733	1.0094	.9278	.9751	.7404	.5412		
15 *	.7483	.6612	.7408	.5686				



Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 340 EPPD THIS IS THE 18-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.8285	1.0270	1.0042	1.0352	.9996	1.0337	.8936	.7587
9 *	1.0261	.9787	1.0453	.9483	1.0369	.9791	.9576	.7065
10 *	1.0000	1.0446	1.0249	1.0251	.9947	1.0165	.9204	.7510
11 *	1.0394	.9482	1.0057	.9899	1.0226	.9782	.9114	.6262
12 *	1.0050	1.0377	.9943	1.0227	.9235	.9647	.7866	
13 *	1.0335	.9792	1.0164	.9781	.9646	.9177	.6449	
14 *	.8865	.9575	.9202	.9313	.7862	.6450		
15 *	.7587	.7065	.7509	.6263				

FQD (3-D) AT: 100% POWER 340 EPPD THIS IS THE 17-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1007	1.3918	1.3242	1.3941	1.3154	1.3708	1.1836	1.1015
9 *	1.3806	1.2816	1.4042	1.2928	1.388	1.2785	1.2865	.9801
10 *	1.3186	1.4631	1.3471	1.3206	1.3112	1.3680	1.2471	1.0968
11 *	1.3943	1.3357	1.3211	1.3644	1.3776	1.3124	1.2782	.8726
12 *	1.3225	1.3899	1.4107	1.3376	1.2171	1.2993	1.0800	
13 *	1.3705	1.2786	1.3680	1.3125	1.2993	1.1101	.8786	
14 *	1.1874	1.2864	1.2468	1.2780	1.0795	.8788		
15 *	1.1015	.9801	1.0967	.8727				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD 18-D1 AT: 100% POWER 340 EPPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.3573	1.4924	1.3891	.4977	1.3698	1.4216	1.2383	1.204
9 *	1.4911	1.3360	1.5098	1.2792	1.4897	1.3219	1.3896	1.0497
10 *	1.3832	1.5089	1.3976	1.3607	1.3860	1.4762	1.3208	1.2056
11 *	1.4980	1.2781	1.3608	1.3548	1.4845	1.3862	1.3899	.9351
12 *	1.3773	1.4907	1.3654	1.4847	1.2687	1.4074	1.1486	
13 *	1.4213	1.3221	1.4762	1.3863	1.4073	1.1745	.9247	
14 *	1.3424	1.3885	1.3205	1.3897	1.1480	.9250		
15 *	1.2047	1.0497	1.2054	.9351				

FQD 13-D1 AT: 100% POWER 340 EPPD THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1911	1.5048	1.3780	1.5037	1.3499	1.3945	1.2210	1.2112
9 *	1.3035	1.3194	1.5161	1.2566	1.4917	1.2965	1.3940	1.0477
10 *	1.3721	1.5151	1.3741	1.3293	1.3451	1.4839	1.3127	1.2189
11 *	1.5030	1.2565	1.3298	1.3318	1.4908	1.3777	1.4009	.9326
12 *	1.3573	1.4927	1.3445	1.4910	1.2505	1.4168	1.1419	
13 *	1.3942	1.2967	1.4839	1.3778	1.4168	1.1655	.9119	
14 *	1.2250	1.3919	1.3124	1.4007	1.1413	.9131		
15 *	1.2141	1.0478	1.2196	.9328				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 340 EFPD THIS IS THE 14-TH LEVEL OF 1<sup>A</sup>

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	K	G	F	E	D	C	B	A
8 *	1.1309	1.4899	1.3535	1.4822	1.3184	1.3579	1.1919	1.1972
9 *	1.4886	1.2913	1.4966	1.2253	1.4687	1.2620	1.3734	1.0281
10 *	1.3467	1.4957	1.3408	1.2919	1.3122	1.4638	1.3869	1.2039
11 *	1.4825	1.3251	1.2923	1.2886	1.4700	1.3518	1.3832	.9137
12 *	1.3056	1.4697	1.3117	1.4702	1.2205	1.3986	1.1181	
13 *	1.3876	1.2622	1.4638	1.3519	1.3985	1.1411	.8876	
14 *	1.1994	1.3733	1.2866	1.3830	1.1176	.8879		
15 *	1.1971	1.0281	1.2037	.9129				

FQD (3-D) AT: 100% POWER 340 EFPD THIS IS THE 13-TH LEVEL OF 1<sup>B</sup>

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	K	G	F	E	D	C	B	A
8 *	1.3122	1.4734	1.3337	1.4817	1.2919	1.3283	1.1662	1.1778
9 *	1.4731	1.2675	1.4757	1.1995	1.4461	1.2327	1.3820	1.0085
10 *	1.3048	1.4760	1.3137	1.4821	1.2846	1.4428	1.2633	1.1854
11 *	1.4620	1.1994	1.2826	1.2777	1.4485	1.3281	1.3631	.8947
12 *	1.2590	1.4471	1.2841	1.4488	1.1948	1.3785	1.0955	
13 *	1.3281	1.2339	1.4427	1.3282	1.3784	1.1186	.8657	
14 *	1.1700	1.3519	1.2630	1.3639	1.0950	.8659		
15 *	1.1777	1.0086	1.1882	.8947				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 340 RPM THIS IS THE 12-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.3986	1.4624	1.3189	1.4476	1.2730	1.3076	1.1480	1.1679
9 *	1.4611	1.2508	1.4635	1.1812	1.4303	1.2135	1.3364	.9933
10 *	1.3093	1.4625	1.2944	1.2409	1.2548	1.4277	1.2459	1.1709
11 *	1.4476	1.1811	1.2415	1.2513	1.4333	1.3110	1.3480	.8795
12 *	1.2800	1.4313	1.2643	1.4335	1.1762	1.3637	1.0782	
13 *	1.3073	1.2137	1.4177	1.3111	1.7	1.1011	.9486	
14 *	1.1517	1.3363	1.2456	1.2478	1.0	.6	.8488	
15 *	1.1829	.9934	1.1797	.6796				

FQD (3-D) AT: 100% POWER 340 RPM THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0897	1.4573	1.3055	1.4799	1.2605	1.2940	1.1358	1.1533
9 *	1.4560	1.2400	1.4364	1.1689	1.4213	1.1999	1.3271	.9827
10 *	1.2999	1.4554	1.2615	1.2264	1.2517	1.4197	1.2345	1.1614
11 *	1.4401	1.1688	1.3269	1.2378	1.4246	1.2700	1.3389	.8683
17 *	1.2673	1.4223	1.2512	1.4248	1.1637	1.3550	1.0699	
13 *	1.2937	1.2001	1.4192	1.3001	1.3550	1.0897	.8357	
14 *	1.1394	1.3270	1.2242	1.3387	1.0654	.8359		
15 *	1.1532	.9828	1.1613	.8684				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD 13-D1 AT: 100% POWER 340 EFSD THIS IS THE 10-TH LEVEL OF 10

WHERE: LEVEL 10 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	A	Q	F	E	D	C	B	A
8 *	1.3886	1.4672	1.3807	1.4375	1.2526	1.2855	1.1287	1.1482
9 *	1.4559	1.2335	1.4544	1.1610	1.4177	1.1912	1.3230	.9758
10 *	1.2961	1.4535	1.2731	1.2164	1.2435	1.4162	1.2572	1.1563
11 *	1.4377	1.1709	1.2189	1.3209	1.4214	1.2939	1.3348	.8603
12 *	1.2594	1.4187	1.2438	1.4216	1.1557	1.3514	1.0577	
13 *	1.2052	1.1913	1.4162	1.3940	1.3514	1.0818	.9259	
14 *	1.1318	1.3229	1.3275	1.3347	1.0571	.8261		
15 *	1.1481	.9758	1.1862	.8604				

FQD 13-D1 AT: 100% POWER 340 EFSD THIS IS THE 9-TH LEVEL OF 10

WHERE: LEVEL 10 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	A	Q	F	E	D	C	B	A
8 *	1.3823	1.4610	1.3987	1.4391	1.2481	1.2808	1.1240	1.1468
9 *	1.4557	1.2302	1.4555	1.1563	1.4184	1.1860	1.3230	.9717
10 *	1.2937	1.4585	1.2680	1.2098	1.2389	1.4162	1.2246	1.1548
11 *	1.4394	1.1542	1.2103	1.2234	1.4224	1.2914	1.3348	.8548
12 *	1.2783	1.4194	1.2384	1.4226	1.15	1.3520	1.0525	
13 *	1.2805	1.1862	1.4176	.7915	1.3520	1.0770	.8184	
14 *	1.1277	1.3229	1.3247	1.3346	1.0519	.8187		
15 *	1.1487	.9717	1.1547	.8549				

Table I (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 340 EPFC THIS IS THE 8-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0922	1.4680	1.3006	1.4441	1.2464	1.2792	1.1329	1.1484
9 *	1.4667	1.2294	1.4617	1.1541	1.4237	1.1839	1.3266	.9700
10 *	1.2950	1.4608	1.2659	1.3958	1.2375	1.4226	1.3244	1.1864
11 *	1.4444	1.1540	1.2069	1.2205	1.4272	1.2920	1.3302	.8514
12 *	1.2032	1.4237	1.2378	1.4274	1.1498	1.3561	1.0498	
13 *	1.1789	1.1841	1.4129	1.3921	1.3561	1.0746	.8129	
14 *	1.1065	1.3265	1.2241	1.3981	1.2491	.8131		
15 *	1.1484	.9701	1.1063	.8514				

FQD (3-D) AT: 100% POWER 340 EPFC THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0942	1.4779	1.3045	1.4523	1.2474	1.2807	1.1347	1.1532
9 *	1.4766	1.2310	1.4701	1.1545	1.4304	1.1946	1.3337	.9709
10 *	1.2989	1.4691	1.2694	1.2047	1.2391	1.4314	1.2271	1.1611
11 *	1.4525	1.1544	1.2047	1.2204	1.4356	1.2956	1.3453	.8506
12 *	1.2042	1.4314	1.2385	1.4357	1.1510	1.3637	1.0497	
13 *	1.2804	1.1850	1.4314	1.2957	1.3637	1.0748	.8091	
14 *	1.1283	1.3336	1.2269	1.3451	1.2491	.8093		
15 *	1.1531	.9707	1.1609	.8502				



Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD 13-D1 AT: 100% POWER 140 EFPD THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0884	1.4907	1.7112	1.4838	1.2514	1.2859	1.1380	1.1617
9 *	1.4894	1.2352	1.4816	1.1877	1.4420	1.1893	1.3447	.9738
10 *	1.3056	1.4806	1.7583	1.3058	1.2443	1.4441	1.2332	1.1688
11 *	1.4646	1.1576	1.1187	1.3233	1.4479	1.3026	1.3559	.8508
12 *	1.2582	1.4430	1.2638	1.4480	1.1562	1.3751	1.0523	
13 *	1.2857	1.1895	1.4441	1.3027	1.3751	1.0777	.8075	
14 *	1.1337	1.3446	1.2339	1.3597	1.0518	.8077		
15 *	1.1611	.9738	1.1886	.8509				

FQD 13-D1 AT: 100% POWER 140 EFPD THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0945	1.5056	1.7012	1.4783	1.2592	1.2960	1.1396	1.1718
9 *	1.5042	1.2429	1.4880	1.1648	1.4571	1.1984	1.3591	.9792
10 *	1.3166	1.4950	1.2781	1.3120	1.2641	1.4605	1.2430	1.1788
11 *	1.4786	1.1647	1.0125	1.3303	1.4638	1.3133	1.3697	.8535
12 *	1.2661	1.4581	1.2336	1.4640	1.1655	1.3897	1.0580	
13 *	1.2958	1.1985	1.4605	1.3134	1.3897	1.0839	.8084	
14 *	1.1433	1.3590	1.2478	1.3695	1.0575	.8086		
15 *	1.1717	.9792	1.1728	.8537				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 340 EFPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1001	1.5176	1.3330	1.4918	1.2702	1.3110	1.1523	1.1800
9 *	1.5164	1.2530	1.5021	1.1757	1.4719	1.2116	1.3724	.9842
10 *	1.3273	1.5081	1.2962	1.2241	1.2682	1.4757	1.2545	1.1857
11 *	1.4320	1.1756	1.2246	1.2414	1.4791	1.3258	1.3813	.8560
12 *	1.2771	1.4729	1.2677	1.4793	1.1784	1.4025	1.2647	
13 *	1.3108	1.2118	1.4787	1.3259	1.4025	1.0916	.8111	
14 *	1.5560	1.3723	1.2542	1.3811	1.0643	.8113		
15 *	1.1799	.9843	1.1859	.8562				

FQD (3-E) AT: 100% POWER 340 EFPD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0938	1.5050	1.2958	1.4846	1.2753	1.3217	1.1579	1.1665
9 *	1.5044	1.2580	1.5012	1.1824	1.4660	1.2205	1.3644	.9766
10 *	1.3295	1.5004	1.2941	1.2368	1.2775	1.4689	1.2552	1.1696
11 *	1.4845	1.1833	1.2173	1.2493	1.4735	1.3277	1.3697	.8473
12 *	1.2823	1.4679	1.2769	1.4727	1.1858	1.3928	1.2602	
13 *	1.3214	1.2207	1.4688	1.3278	1.3927	1.0900	.8035	
14 *	1.3816	1.2644	1.2550	1.3695	1.0596	.8077		
15 *	1.1664	.9766	1.1696	.8475				

Table 1 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-G DESIGN

FQD (3-D) AT: 100% POWER 34: EPPD THIS IS THE 2-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0349	1.4033	1.2803	1.3908	1.2289	1.2774	1.1101	1.0715
9 *	1.4021	1.2135	1.4059	1.1475	1.3758	1.1808	1.2708	.9131
10 *	1.2748	1.4050	1.2528	1.2077	1.2349	1.3721	1.1942	1.0700
11 *	1.3909	1.1474	1.2082	1.2100	1.3798	1.2675	1.2686	.7893
12 *	1.2356	1.3768	1.2346	1.3800	1.1444	1.2950	.3981	
13 *	1.2372	1.1809	1.3721	1.2676	1.2950	1.0342	.7627	
14 *	1.1137	1.2707	1.1938	1.2684	.9975	.7629		
15 *	1.0714	.9131	1.0696	.7896				

FQD (3-D) AT: 100% POWER 34: EPPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.7894	1.0573	.9994	1.0524	.9541	.9848	.8452	.7472
9 *	1.0661	.9500	1.0632	.9026	1.0431	.9208	.9613	.6671
10 *	.9852	1.0626	.9767	.9497	.9616	1.0345	.9005	.7416
11 *	1.0626	.9025	.9501	.9448	1.0431	.9664	.9418	.5723
12 *	.9594	1.0438	.9612	1.0433	.8895	.9792	.7360	
13 *	.9846	.9210	1.0345	.9665	.9792	.7757	.5644	
14 *	.8480	.5612	.9003	.9416	.7356	.5646		
15 *	.7472	.6671	.7413	.5724				

Table 2

## CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 4 EFPE THIS IS THE 18-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.1541	1.4854	1.5777	1.3095	1.5355	1.5667	1.9053	2.1447
9 *	1.7933	1.5131	1.3160	1.4736	1.3477	1.7042	1.7009	2.3053
10 *	1.5870	1.3157	1.4750	1.4324	1.5382	1.5400	1.8789	2.2540
11 *	1.3093	1.4742	1.4311	1.5632	1.5842	1.9016	1.9550	2.7057
12 *	1.5421	1.3501	1.5394	1.3848	2.0363	1.9193	2.4760	
13 *	1.5669	1.7036	1.5095	1.8608	1.9160	2.2746	3.1497	
14 *	1.8931	1.7004	1.8792	1.9551	2.4783	3.1486		
15 *	2.1650	2.3047	2.2540	2.7047				

MQ (3-D) AT: 100% POWER 4 EFPE THIS IS THE 17-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8462	1.3118	1.3733	1.1403	1.2583	1.2015	1.4531	1.5665
9 *	1.3179	1.3605	1.1528	1.7013	1.1611	1.3727	1.3326	1.8212
10 *	1.3409	1.1524	1.2220	1.2065	1.3252	1.2833	1.4509	1.6306
11 *	1.1410	1.3018	1.2054	1.3517	1.3474	1.4844	1.4836	2.1326
12 *	1.2837	1.3631	1.3263	1.3480	1.6438	1.5217	1.8450	
13 *	1.2616	1.3723	1.2828	1.4538	1.5190	1.8576	2.4917	
14 *	1.4439	1.3322	1.4512	1.4837	1.8467	2.4909		
15 *	1.5668	1.8207	1.6306	2.1318				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ 13-D) AT: 100% POWER      4 EPPD      THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7832	1.1705	1.2624	1.0457	1.1726	1.0976	1.3095	1.3649
9 *	1.1759	1.3201	1.0829	1.2568	1.0760	1.2714	1.1791	1.6402
10 *	1.2700	1.0827	1.1601	1.1571	1.2577	1.1637	1.3018	1.4175
11 *	1.0684	1.2571	1.1561	1.2598	1.1777	1.3026	1.2936	1.9238
12 *	1.1774	1.0779	1.2588	1.1782	1.5133	1.3104	1.6019	
13 *	1.0978	1.2710	1.1638	1.3020	1.3082	1.6443	2.2394	
14 *	1.3011	1.1788	1.3030	1.0937	1.6010	2.2397		
15 *	1.3651	1.6399	1.4175	1.9231				

MQ 13-D) AT: 100% POWER      4 EPPD      THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0380	1.1120	1.1777	1.0471	1.1009	1.0189	1.2041	1.2739
9 *	1.1171	1.2418	1.0584	1.2705	1.0402	1.1883	1.1087	1.4975
10 *	1.2047	1.0582	1.1058	1.1061	1.1898	1.1068	1.1884	1.3191
11 *	1.0377	1.2021	1.1051	1.1683	1.0951	1.1708	1.1918	1.7572
12 *	1.1056	1.0421	1.1869	1.0955	1.3216	1.1895	1.4369	
13 *	1.0190	1.1879	1.1084	1.1703	1.1874	1.4740	2.0143	
14 *	1.1964	1.1084	1.1896	1.1918	1.4383	2.0437		
15 *	1.2741	1.4971	1.3191	1.7566				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (P-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 4 EF2D THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6574	1.1179	1.1917	1.0515	1.0927	1.0033	1.1784	1.2560
9 *	1.1231	1.1254	1.0758	1.2063	1.0492	1.1746	1.0871	1.4570
10 *	1.1987	1.0754	1.1087	1.1084	1.1605	1.1005	1.1534	1.2957
11 *	1.0522	1.2068	1.1075	1.1507	1.0832	1.1299	1.1612	1.7059
12 *	1.0974	1.0510	1.1615	1.0836	1.2795	1.1617	1.3893	
13 *	1.0035	1.1742	1.1001	1.1294	1.1597	1.4261	1.9982	
14 *	1.1708	1.0967	1.1536	1.1612	1.3906	1.9976		
15 *	1.2562	1.4566	1.0957	1.7053				

MQ (3-D) AT: 100% POWER 4 EF2D THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7318	1.1470	1.2176	1.0889	1.1260	1.0274	1.2021	1.2764
9 *	1.1524	1.2638	1.1092	1.2515	1.0815	1.2054	1.1162	1.4803
10 *	1.2247	1.1090	1.1460	1.1364	1.1771	1.1109	1.1653	1.3105
11 *	1.0896	1.2520	1.1354	1.1698	1.1045	1.1346	1.1573	1.7201
12 *	1.1308	1.0836	1.1782	1.1049	1.3148	1.1817	1.4038	
13 *	1.0275	1.2051	1.1195	1.1341	1.1787	1.4536	2.0431	
14 *	1.1944	1.1159	1.1655	1.1573	1.4051	2.0425		
15 *	1.2766	1.4799	1.1105	1.7195				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

H-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ 13-D) AT: 100% POWER 4 EFPD THIS IS THE 12-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8040	1.1894	1.2622	1.1340	1.1771	1.0667	1.2478	1.3134
9 *	1.1949	1.3220	1.1486	1.3109	1.1223	1.2551	1.1481	1.5316
10 *	1.2606	1.1486	1.1949	1.1793	1.2173	1.1329	1.1947	1.3409
11 *	1.1347	1.3114	1.1793	1.2118	1.1305	1.1601	1.1746	1.7608
12 *	1.1822	1.1243	1.2193	1.1310	1.3551	1.2024	1.4370	
13 *	1.0688	1.2547	1.1328	1.1597	1.2004	1.4902	2.1016	
14 *	1.2398	1.1478	1.1949	1.1746	1.4383	2.1009		
15 *	1.3136	1.5315	1.1409	1.7601				

MQ 13-D) AT: 100% POWER 4 EFPD THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9007	1.2418	1.3312	1.1860	1.2461	1.1262	1.3128	1.3613
9 *	1.2476	1.3951	1.2032	1.1960	1.1702	1.3238	1.1891	1.6077
10 *	1.3388	1.2001	1.2439	1.2444	1.2760	1.1686	1.2438	1.3824
11 *	1.1967	1.3906	1.2434	1.2745	1.1718	1.2077	1.1986	1.8349
12 *	1.2514	1.1723	1.2771	1.1723	1.4203	1.2380	1.5011	
13 *	1.1263	1.3234	1.1681	1.2072	1.2358	1.5574	2.2075	
14 *	1.3044	1.1853	1.2440	1.1986	1.5025	2.2069		
15 *	1.3615	1.6073	1.2824	1.8343				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (P-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 4 EFED THIS IS THE 10-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9532	1.2851	1.4401	1.3387	1.3683	1.2398	1.4428	1.4264
9 *	1.3912	1.5050	1.2501	1.5108	1.2323	1.4593	1.2457	1.7623
10 *	1.4485	1.2499	1.3751	1.3699	1.4003	1.2230	1.3567	1.4425
11 *	1.2405	1.5114	1.3587	1.3936	1.2248	1.3112	1.2435	1.5046
12 *	1.3742	1.2345	1.4015	1.2253	1.5558	1.2891	1.6298	
13 *	1.2400	1.4588	1.2225	1.3103	1.2861	1.6995	2.4183	
14 *	1.4336	1.2453	1.3569	1.2435	1.6313	2.4096		
15 *	1.4267	1.7629	1.4444	2.0019				

MQ (3-D) AT: 100% POWER 4 EFED THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9043	1.2470	1.4278	1.2011	1.3547	1.2358	1.4579	1.4443
9 *	1.2528	1.4977	1.2124	1.5014	1.1921	1.4498	1.2379	1.8127
10 *	1.4462	1.2120	1.3660	1.3505	1.3866	1.2001	1.3787	1.4647
11 *	1.2018	1.5020	1.3493	1.3822	1.1964	1.3230	1.2482	1.9855
12 *	1.3605	1.1942	1.3878	1.1969	1.5625	1.2861	1.6050	
13 *	1.2360	1.4493	1.1997	1.3224	1.2939	1.7550	1.5342	
14 *	1.4486	1.2376	1.3790	1.2483	1.6866	1.5334		
15 *	1.4445	1.6223	1.4647	2.0848				



Table 2 (cont.)

CORE OPERATING LIMITS REPORT

H-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 4 EFPO THIS IS THE 8-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9667	1.2154	1.3946	1.1713	1.2020	1.4189	1.3939	
9 *	1.2011	1.4675	1.1826	1.4718	1.1410	1.4149	1.1989	1.7629
10 *	1.4026	1.1824	1.1395	1.3216	1.3524	1.1633	1.3381	1.4113
11 *	1.1720	1.4725	1.3208	1.1486	1.1595	1.2810	1.2038	2.0095
12 *	1.3283	1.1630	1.3535	1.1600	1.5198	1.2436	1.6367	
13 *	1.2022	1.4144	1.1628	1.2805	1.2415	1.7095	2.4448	
14 *	1.4098	1.1986	1.3383	1.2039	1.6383	2.4440		
15 *	1.3941	1.7625	1.4113	2.0088				

MQ (3-D) AT: 100% POWER 4 EFPO THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8473	1.1954	1.3740	1.1520	1.3040	1.1746	1.3670	1.3247
9 *	1.2009	1.4508	1.1635	1.4558	1.1399	1.3832	1.1534	1.6855
10 *	1.3821	1.1633	1.3217	1.3064	1.3326	1.1361	1.2924	1.3433
11 *	1.1927	1.4564	1.3082	1.3306	1.1363	1.2835	1.1601	1.9304
12 *	1.2095	1.1419	1.3237	1.1902	1.4951	1.2118	1.5802	
13 *	1.1748	1.3827	1.1357	1.2630	1.2097	1.6575	2.0680	
14 *	1.3593	1.1530	1.2927	1.1602	1.5817	2.3673		
15 *	1.3249	1.6851	1.3431	1.9297				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 4 EPPD THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9050	1.1615	1.3311	1.1104	1.2548	1.1203	1.3033	1.2613
9 *	1.1669	1.4115	1.1260	1.4088	1.0968	1.3261	1.0991	1.6167
10 *	1.3389	1.1258	1.2846	1.3711	1.2904	1.0914	1.2414	1.3865
11 *	1.1315	1.4094	1.2700	1.2995	1.1043	1.2109	1.1129	1.2697
12 *	1.1101	1.0988	1.2915	1.1048	1.4621	1.1690	1.5330	
13 *	1.1208	1.3257	1.0819	1.2104	1.1670	1.6100	2.3161	
14 *	1.2980	1.0988	1.2416	1.1129	1.5344	2.3154		
15 *	1.2615	1.6163	1.2666	1.8680				

MQ (3-D) AT: 100% POWER 4 EPPD THIS IS THE 5-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7105	1.1043	1.2628	1.0518	1.1903	1.0599	1.2395	1.2030
9 *	1.1095	1.3429	1.0982	1.3378	1.0388	1.2612	1.0435	1.5523
10 *	1.2702	1.0680	1.2119	1.2106	1.2290	1.0386	1.1848	1.2308
11 *	1.0524	1.3384	1.2095	1.2457	1.0604	1.1630	1.0641	1.8041
12 *	1.1454	1.0406	1.2101	1.0508	1.4218	1.1307	1.4665	
13 *	1.0801	1.2607	1.0382	1.1625	1.1288	1.5698	2.2627	
14 *	1.2316	1.0432	1.1850	1.0641	1.4878	2.2620		
15 *	1.2032	1.5519	1.2209	1.8034				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 4 RFPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6622	1.8571	1.2067	1.0092	1.1451	1.0185	1.2016	1.1775
9 *	1.0620	1.2838	1.0227	1.2831	1.0000	1.2177	1.0132	1.5250
10 *	1.7138	1.0225	1.1691	1.1597	1.1822	1.0060	1.1537	1.2084
11 *	1.0098	.2836	1.1587	1.1997	1.0248	1.1289	1.0373	1.7790
12 *	1.1500	1.0117	1.1793	1.0253	1.3770	1.1004	1.4571	
13 *	1.9188	1.2173	1.0856	1.1284	1.0985	1.5364	2.2276	
14 *	1.1939	1.0129	1.1539	1.0374	1.4585	2.2269		
15 *	1.1777	1.5247	1.2084	1.7783				

MQ (3-D) AT: 100% POWER 4 RFPD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6281	1.0389	1.1770	.9957	1.1288	1.0051	1.2026	1.2086
9 *	1.0437	1.2474	1.0058	1.2522	.9914	1.2047	1.0246	1.5567
10 *	1.1839	1.0057	1.1387	1.1292	1.1611	1.0079	1.1611	1.2438
11 *	.9963	1.2527	1.1282	1.1781	1.0210	1.1279	1.0549	1.8197
12 *	1.1316	.9931	1.1621	1.0214	1.3626	1.1103	1.4737	
13 *	1.0052	1.2643	1.0075	1.1274	1.1084	1.5450	2.2475	
14 *	1.1949	1.0243	1.1814	1.0550	1.4751	2.2469		
15 *	1.2088	1.5563	1.2438	1.8190				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 4 KFPD THIS IS THE 2-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.0733	1.0864	1.2111	1.0487	1.1735	1.0641	1.2962	1.3794
9 *	1.0915	1.2693	1.0552	1.2837	1.0514	1.2643	1.1316	1.7254
10 *	1.2182	1.0550	1.1716	1.1623	1.2056	1.0857	1.2562	1.4220
11 *	1.0493	1.2842	1.1613	1.2221	1.0892	1.2026	1.1785	2.0184
12 *	1.1785	1.0532	1.2066	1.0897	1.4231	1.2167	1.6044	
13 *	1.0643	1.2639	1.0853	1.2021	1.2146	1.6594	2.4193	
14 *	1.2879	1.1913	1.2565	1.1786	1.6059	2.4185		
15 *	1.3796	1.7250	1.4220	2.6177				

MQ (3-D) AT: 100% POWER 4 KFPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.0684	1.3158	1.5243	1.2855	1.5094	1.4565	1.7889	2.1334
9 *	1.3219	1.5868	1.2895	1.6127	1.3086	1.6469	1.5267	2.4625
10 *	1.5333	1.2893	1.5079	1.5232	1.5499	1.3680	1.7166	2.1971
11 *	1.2862	1.6134	1.6219	1.5801	1.3569	1.5953	1.6601	2.8923
12 *	1.1117	1.3029	1.5512	1.3574	1.8275	1.6187	2.0352	
13 *	1.4567	1.6463	1.3674	1.5947	1.6159	2.2516	3.3296	
14 *	1.7775	1.5262	1.7169	1.6601	2.2373	3.3286		
15 *	2.1337	2.4619	2.1971	2.8912				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF M-MARGIN)

MQ 13-D: AT: 100% POWER 200 EFFD THIS IS THE 18-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7766	1.3333	1.4660	1.2974	1.4446	1.4238	1.8920	1.8864
9 *	1.5362	1.4090	1.2982	1.3997	1.3064	1.5313	1.5159	1.9738
10 *	1.4732	1.3002	1.3880	1.3565	1.4211	1.4360	1.8655	1.9272
11 *	1.2670	1.4090	1.3157	1.3978	1.3619	1.5672	1.6472	1.3334
12 *	1.4358	1.3048	1.4218	1.3618	1.6379	1.5216	1.9648	
13 *	1.4240	1.5310	1.4359	1.5669	1.5208	1.7543	2.3166	
14 *	1.8831	1.5160	1.6059	1.6473	1.9660	2.3100		
15 *	1.8565	1.9736	1.9275	2.3299				

MQ 13-D: AT: 100% POWER 200 EFFD THIS IS THE 17-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5100	1.1543	1.2191	1.3124	1.2020	1.1476	1.3460	1.4229
9 *	1.1568	1.2594	1.1252	1.2530	1.1237	1.2639	1.2347	1.6216
10 *	1.2482	1.3269	1.1724	1.1964	1.2469	1.2040	1.3275	1.4710
11 *	1.3120	1.2523	1.1887	1.2342	1.1653	1.3726	1.3093	1.9078
12 *	1.1947	1.1223	1.2495	1.1652	1.3528	1.2497	1.5511	
13 *	1.1478	1.2636	1.2039	1.2724	1.2490	1.4807	1.9237	
14 *	1.3389	1.2347	1.3278	1.3094	1.5521	1.9232		
15 *	1.4230	1.6214	1.4712	1.9074				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (P-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 200 EFPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4638	1.0981	1.1945	1.0600	1.1534	1.0974	1.2698	1.3060
9 *	1.1805	1.2377	1.0753	1.2364	1.0679	1.2134	1.1442	1.5244
10 *	1.2004	1.0768	1.1417	1.1762	1.2193	1.173	1.2416	1.3445
11 *	1.0597	1.2367	1.1755	1.2124	1.1017	1.1992	1.2062	1.7949
12 *	1.1464	1.0666	1.2192	1.1614	1.2949	1.1617	1.4539	
13 *	1.0976	1.2132	1.1273	1.1990	1.1610	1.4172	1.8547	
14 *	1.2632	1.1443	1.2419	1.2063	1.4548	1.8542		
15 *	1.3061	1.5242	1.3446	1.7936				

MQ (3-D) AT: 100% POWER 200 EFPD THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4751	1.0871	1.1525	1.0512	1.1120	1.0572	1.2141	1.2720
9 *	1.0595	1.2030	1.0681	1.2063	1.0575	1.1709	1.1189	1.4451
10 *	1.1581	1.0697	1.1115	1.1537	1.1819	1.1052	1.1767	1.3044
11 *	1.0509	1.2066	1.1530	1.1800	1.0880	1.1426	1.1773	1.7007
12 *	1.1052	1.0562	1.1825	1.0879	1.2486	1.1398	1.3879	
13 *	1.0574	1.1707	1.1051	1.1424	1.1392	1.3614	1.7977	
14 *	1.2077	1.1187	1.1770	1.1774	1.3867	1.7973		
15 *	1.2720	1.4449	1.3045	1.7003				

Table 2 (cont.)

CORE SPEL A. J LIMITS REPORT

M-SUB-Q VALUES (P-SUB-Q OF MARGIN)

MQ 13-D) AT: 100% POWER - 200 EPPD THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5294	1.1186	1.1531	1.0807	1.1263	1.0707	1.2243	1.2953
9 *	1.1211	1.2133	1.0978	1.2289	1.0862	1.1863	1.1407	1.4480
10 *	1.1587	1.1996	1.1910	1.1787	1.1855	1.1235	1.1765	1.3230
11 *	1.3854	1.2291	1.1760	1.2030	1.1194	1.1909	1.1950	1.7004
12 *	1.1194	1.0848	1.1862	1.1193	1.2716	1.1703	1.4738	
13 *	1.0708	1.1861	1.1235	1.1507	1.1696	1.2815	1.6372	
14 *	1.2178	1.1407	1.1768	1.1951	1.4047	1.8368		
15 *	1.2954	1.4479	1.3232	1.7000				

MQ 13-D) AT: 100% POWER - 200 EPPD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5907	1.1430	1.1841	1.1269	1.1765	1.1185	1.2762	1.3476
9 *	1.1455	1.2439	1.1324	1.2814	1.1323	1.2385	1.1860	1.5028
10 *	1.1899	1.1341	1.1740	1.2159	1.2174	1.1501	1.2119	1.3896
11 *	1.1265	1.2827	1.2152	1.2324	1.1566	1.1747	1.2168	1.7458
12 *	1.1693	1.1309	1.2179	1.1565	1.3394	1.2229	1.4445	
13 *	1.1187	1.2383	1.1501	1.1745	1.2222	1.4422	1.9110	
14 *	1.2695	1.1860	1.2127	1.2169	1.4454	1.9105		
15 *	1.3477	1.5026	1.3898	1.7454				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ 13-D1 AT: 100% POWER 200 EFPC THIS IS THE 12-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4519	1.1838	1.2310	1.1745	1.2397	1.1792	1.3441	1.4092
9 *	1.1864	1.3015	1.1746	1.3479	1.1794	1.3032	1.2380	1.5775
10 *	1.2170	1.1764	1.2291	1.2701	1.2690	1.1851	1.2589	1.4238
11 *	1.1781	1.3492	1.2694	1.2859	1.1924	1.2156	1.2553	1.8128
12 *	1.2121	1.1780	1.2696	1.1923	1.3818	1.2528	1.4953	
13 *	1.1794	1.3090	1.1850	1.2153	1.2521	1.4875	1.9839	
14 *	1.3170	1.2380	1.2591	1.2554	1.4961	1.9834		
15 *	1.4093	1.5774	1.4240	1.5124				

MQ 13-D1 AT: 100% POWER 200 EFPC THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	J	C	B	A
8 *	1.7165	1.2346	1.2982	1.1361	1.3164	1.2533	1.4274	1.4764
9 *	1.2173	1.1727	1.3268	1.4319	1.2343	1.3821	1.2145	1.8706
10 *	1.3046	1.2287	1.3026	1.3449	1.3358	1.2302	1.3239	1.4832
11 *	1.2297	1.4322	1.3441	1.3583	1.2416	1.2763	1.2946	1.9069
12 *	1.1093	1.2328	1.3165	1.2415	1.4573	1.2997	1.5737	
13 *	1.2535	1.3821	1.2301	1.2761	1.2990	1.5638	2.0958	
14 *	1.4139	1.2946	1.3242	1.2947	1.5747	2.0953		
15 *	1.4765	1.4704	1.4834	1.9065				



Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 300 EFPD THIS IS THE 10-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8282	1.2974	1.4330	1.3013	1.4580	1.3870	1.5778	1.5580
9 *	1.3503	1.5160	1.2983	1.5878	1.3046	1.5293	1.3641	1.8420
10 *	1.4420	1.2983	1.4429	1.4890	1.4721	1.2924	1.4540	1.5580
11 *	1.3512	1.5881	1.4882	1.4941	1.3606	1.3928	1.3533	2.0961
12 *	1.4491	1.3030	1.4731	1.5039	1.4016	1.3605	1.7171	
13 *	1.3872	1.5290	1.2924	1.3925	1.3597	1.7131	2.2974	
14 *	1.5685	1.3643	1.4547	1.2875	1.9182	2.2969		
15 *	1.7181	1.8419	1.5582	1.0957				

MQ (3-D) AT: 100% POWER 300 EFPD THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8131	1.2904	1.4554	1.3083	1.5063	1.4555	1.6798	1.6426
9 *	1.3893	1.5332	1.2969	1.6192	1.3260	1.5981	1.4280	1.9702
10 *	1.4425	1.2988	1.4729	1.5303	1.5280	1.3362	1.5541	1.6385
11 *	1.3179	1.6196	1.5294	1.5457	1.3333	1.4738	1.4180	2.2327
12 *	1.4471	1.3244	1.5288	1.3332	1.6814	1.4168	1.8406	
13 *	1.4507	1.5976	1.3361	1.4735	1.4160	1.8313	2.4481	
14 *	1.6113	1.4281	1.5548	1.4191	1.8417	2.4475		
15 *	1.6417	1.9701	1.6388	1.2322				

Table 2 (cont.)

## CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (9-D) AT: 100% POWER 200 EPPD THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
7 *	1.7235	1.7280	1.3897	1.7491	1.4442	1.5955	1.5974	1.5381
8 *	1.7307	1.4562	1.2355	1.5631	1.2658	1.5331	1.3588	1.8523
10 *	1.3945	1.2378	1.4113	1.4679	1.4619	1.2729	1.4810	1.5381
11 *	1.2478	1.5534	1.4670	1.4800	1.2795	1.4668	1.3671	2.1078
12 *	1.4354	1.2643	1.4627	1.2704	1.6083	1.3529	1.7547	
13 *	1.3957	1.5329	1.2729	1.4065	1.3521	1.7558	2.3259	
14 *	1.5990	1.5388	1.4813	1.2572	1.7557	2.3253		
15 *	1.5382	1.6521	1.5183	2.1074				

MQ (13-D) AT: 150% POWER 200 EPPD THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8568	1.1737	1.3330	1.1953	1.3897	1.3313	1.5029	1.4439
9 *	1.1761	1.4095	1.1830	1.4959	1.2128	1.4643	1.2747	1.7483
10 *	1.3396	1.1848	1.3585	1.4148	1.4052	1.3174	1.3953	1.4468
11 *	1.1949	1.4962	1.4140	1.4338	1.3142	1.3475	1.2766	1.9986
12 *	1.3812	1.2113	1.4059	1.2141	1.5433	1.2915	1.6623	
13 *	1.3315	1.4641	1.3174	1.3472	1.2908	1.6692	2.2168	
14 *	1.4659	1.2747	1.3956	1.2768	1.6633	2.2163		
15 *	1.4440	1.7482	1.4470	1.9982				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

H-SUB-2 VALUES (F-SUB-0 OF MARGIN)

MQ (3-D) AT: 100% POWER 300 EFPP THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4003	1.3268	1.2817	1.1488	1.0331	1.2988	1.4198	1.3617
9 *	1.1293	1.3404	1.1367	1.4459	1.1806	1.3875	1.2012	1.6584
10 *	1.0500	1.1384	1.3127	1.3687	1.3532	1.1503	1.3207	1.3670
11 *	1.1487	1.4462	1.3424	1.3757	1.1656	1.2859	1.1054	1.9043
12 *	1.0258	1.1151	1.0539	1.1655	1.4981	1.2294	1.5820	
13 *	1.2590	1.3873	1.1803	1.2851	1.2287	1.5902	2.1245	
14 *	1.4123	1.2012	1.0210	1.2056	1.5837	2.1239		
15 *	1.3618	1.6593	1.2672	1.9039				

MQ (3-D) AT: 100% POWER 300 EFPP THIS IS THE 5-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5534	1.0874	1.2412	1.1027	1.2673	1.1916	1.3451	1.2896
9 *	1.0897	1.0180	1.0972	1.3879	1.1007	1.3174	1.1357	1.5801
10 *	1.1472	1.0988	1.2720	1.3147	1.2681	1.0915	1.2554	1.2990
11 *	1.1024	1.3882	1.3139	1.3249	1.1168	1.2239	1.1447	1.8253
12 *	1.2595	1.0994	1.1747	1.1167	1.4376	1.1691	1.6147	
13 *	1.1918	1.3172	1.0915	1.0237	1.1684	1.5223	2.0455	
14 *	1.3380	1.1357	1.2957	1.1448	1.5156	2.0450		
15 *	1.2897	1.5800	1.2491	1.8250				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OP MARGIN)

MQ (3-D) AT: 100% POWER 200 KFPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5197	1.0594	1.2002	1.0540	1.2109	1.1347	1.2842	1.2374
9 *	1.0617	1.2836	1.0588	1.3267	1.0511	1.2578	1.0855	1.5217
10 *	1.2061	1.0601	1.2172	1.2569	1.2308	1.0440	1.2023	1.2492
11 *	1.0537	1.3270	1.2561	1.2700	1.0702	1.1741	1.0988	1.7664
12 *	1.2035	1.0499	1.2314	1.0702	1.3782	1.1223	1.4608	
13 *	1.1348	1.2676	1.0440	1.1739	1.1217	1.4670	1.9812	
14 *	1.2774	1.0856	1.2025	1.0989	1.4618	1.9807		
15 *	1.2375	1.5215	1.2494	1.7660				

MQ (3-D) AT: 100% POWER 200 KFPD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5128	1.0471	1.2041	1.0300	1.1745	1.1172	1.2489	1.2260
9 *	1.0494	1.2454	1.0342	1.2825	1.0270	1.1173	1.1762	1.5029
10 *	1.1698	1.0358	1.1780	1.2098	1.1904	1.0235	1.1752	1.2412
11 *	1.0297	1.2828	1.2080	1.2308	1.0484	1.1462	1.0831	1.7498
12 *	1.1673	1.0257	1.1910	1.0483	1.3374	1.1042	1.4370	
13 *	1.0963	1.2181	1.0234	1.1460	1.1036	1.4378	1.9497	
14 *	1.2423	1.0662	1.1754	1.0832	1.4377	1.9492		
15 *	1.2261	1.5027	1.2414	1.7495				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (P-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 230 EFPS THIS IS THE 2-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5547	1.0943	1.1889	1.0750	1.1988	1.1189	1.2909	1.3282
9 *	1.0987	1.2618	1.0784	1.2976	1.0722	1.2416	1.1299	1.5947
10 *	1.1947	1.0800	1.1932	1.2176	1.2099	1.0756	1.2225	1.3497
11 *	1.0747	1.2979	1.2189	1.2489	1.0966	1.1839	1.1553	1.8623
12 *	1.1935	1.0709	1.2109	1.0965	1.3605	1.1680	1.5081	
13 *	1.4191	1.2414	1.0756	1.1837	1.1673	1.4940	2.0368	
14 *	1.2835	1.1299	1.2227	1.1554	1.5090	2.0363		
15 *	1.3203	1.5946	1.3497	1.8619				

MQ (3-D) AT: 100% POWER 230 EFPS THIS IS THE 1-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5971	1.3746	1.5014	1.3541	1.6205	1.4510	1.6946	1.9250
9 *	1.3776	1.5691	1.3473	1.6195	1.3922	1.5751	1.4715	2.1801
10 *	1.5087	1.3592	1.5079	1.5382	1.5282	1.3683	1.6106	1.9638
11 *	1.3537	1.6199	1.5371	1.6767	1.3851	1.5305	1.5483	2.5631
12 *	1.5112	1.3506	1.5290	1.3850	1.7123	1.5417	2.0283	
13 *	1.4512	1.5749	1.3683	1.5362	1.5108	1.9679	2.7283	
14 *	1.6857	1.4716	1.6110	1.6485	2.0295	2.7276		
15 *	1.9251	2.1799	1.9641	2.5623				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5132	1.2430	1.2450	1.1675	1.1884	1.1400	1.3233	1.5301
9 *	1.2441	1.3103	1.1791	1.2730	1.1613	1.2183	1.2356	1.6515
10 *	1.2503	1.1789	1.1938	1.2361	1.2769	1.2274	1.3230	1.5892
11 *	1.1873	1.2731	1.2356	1.2860	1.2349	1.2933	1.3636	1.9608
12 *	1.1820	1.1405	1.2774	1.2348	1.3467	1.2917	1.5908	
13 *	1.1402	1.2182	1.2274	1.2932	1.2918	1.5167	1.9215	
14 *	1.3180	1.2357	1.3033	1.3638	1.5916	1.9210		
15 *	1.5302	1.6514	1.5894	1.9604				

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 17-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4171	1.1267	1.1639	1.0615	1.1101	1.0555	1.2123	1.2932
9 *	1.1977	1.2315	1.0802	1.2022	1.0658	1.1461	1.1279	1.4609
10 *	1.1887	1.0809	1.1181	1.1587	1.1929	1.1208	1.1981	1.3347
11 *	1.0613	1.2023	1.1592	1.2004	1.1266	1.1849	1.2211	1.7261
12 *	1.1041	1.0651	1.1955	1.1265	1.2553	1.1781	1.4246	
13 *	1.0558	1.1460	1.1208	1.1848	1.1781	1.3735	1.7346	
14 *	1.2084	1.1280	1.1984	1.2213	1.4253	1.7341		
15 *	1.2933	1.4609	1.3347	1.7260				

Table 2 (cont.)

## CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (P-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4505	1.1317	1.1928	1.0646	1.1428	1.0897	1.2391	1.2688
9 *	1.1337	1.2656	1.0833	1.2469	1.0699	1.1874	1.1370	1.4580
10 *	1.1979	1.0843	1.1575	1.2085	1.2298	1.1172	1.2095	1.3025
11 *	1.0644	1.2472	1.2080	1.2372	1.1234	1.2002	1.2064	1.7213
12 *	1.1966	1.0691	1.2303	1.1233	1.2884	1.1687	1.4343	
13 *	1.0899	1.1872	1.1172	1.2001	1.1687	1.3900	1.7662	
14 *	1.2351	1.1220	1.2097	1.2065	1.4350	1.7657		
15 *	1.2689	1.4580	1.3027	1.7210				

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5030	1.1525	1.1955	1.0952	1.1505	1.1004	1.2431	1.3032
9 *	1.1535	1.2573	1.1344	1.2607	1.1017	1.1996	1.1490	1.4432
10 *	1.2006	1.1151	1.1694	1.2283	1.2291	1.1438	1.2024	1.3223
11 *	1.0950	1.2608	1.2279	1.2441	1.1511	1.1944	1.2256	1.7032
12 *	1.1442	1.1009	1.2296	1.1510	1.2943	1.1952	1.4280	
13 *	1.1006	1.1895	1.1438	1.1943	1.1952	1.3876	1.7761	
14 *	1.2391	1.1491	1.2026	1.2288	1.4292	1.7756		
15 *	1.2935	1.4431	1.3225	1.7028				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 340 EFFD THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5575	1.1849	1.2244	1.1523	1.1962	1.1464	1.2906	1.3559
9 *	1.1959	1.2842	1.1708	1.3136	1.1599	1.2496	1.2061	1.4872
10 *	1.2316	1.1716	1.2169	1.2821	1.2594	1.1971	1.2385	1.3812
11 *	1.1521	1.3137	1.2816	1.2709	1.1929	1.2135	1.2654	1.7514
12 *	1.1897	1.1591	1.2599	1.1928	1.3331	1.2453	1.4593	
13 *	1.1466	1.2494	1.1971	1.2134	1.2454	1.4265	1.8312	
14 *	1.2805	1.2061	1.2388	1.2655	1.4600	1.8307		
15 *	1.3566	1.4872	1.3814	1.7510				

MQ (3-D) AT: 100% POWER 340 EFFD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6477	1.2396	1.2708	1.2174	1.2667	1.2158	1.3667	1.4340
9 *	1.2406	1.3391	1.2275	1.3907	1.3259	1.3238	1.2742	1.5679
10 *	1.2762	1.3283	1.2838	1.3385	1.3132	1.2486	1.2996	1.4540
11 *	1.2172	1.3908	1.3379	1.3348	1.2513	1.2684	1.3186	1.8358
12 *	1.2599	1.2250	1.3137	1.2511	1.4035	1.3037	1.5278	
13 *	1.2160	1.3236	1.2486	1.2683	1.3037	1.4920	1.9254	
14 *	1.3621	1.2743	1.2999	1.3188	1.5286	1.9249		
15 *	1.4341	1.5679	1.4542	1.8355				



Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 740 EFPD THIS IS THE 12-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7151	1.2816	1.3276	1.2757	1.3407	1.2888	1.4482	1.5101
9 *	1.2828	1.3993	1.2732	1.4650	1.2851	1.4002	1.3386	1.6562
10 *	1.3333	1.2740	1.3435	1.4046	1.3734	1.3919	1.3618	1.5224
11 *	1.2754	1.4651	1.4040	1.3920	1.2987	1.3176	1.3646	1.9171
12 *	1.3334	1.2843	1.3740	1.2986	1.4756	1.3581	1.5920	
13 *	1.2891	1.4000	1.2919	1.3175	1.3581	1.5626	2.0171	
14 *	1.4435	1.3387	1.3621	1.3647	1.5928	2.0166		
15 *	1.5102	1.8561	1.5226	1.9167				

MQ (3-D) AT: 100% POWER 740 EFPD THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7889	1.3303	1.3914	1.3283	1.4211	1.3680	1.5367	1.5824
9 *	1.3315	1.4730	1.3212	1.5465	1.3385	1.4830	1.3991	1.7529
10 *	1.3974	1.3220	1.4150	1.4778	1.4412	1.3755	1.4279	1.5862
11 *	1.3281	1.5467	1.4772	1.4652	1.3454	1.3799	1.4070	2.0100
12 *	1.4174	1.3376	1.4410	1.3452	1.5465	1.4023	1.6675	
13 *	1.3683	1.4826	1.3355	1.3798	1.4023	1.6335	2.1181	
14 *	1.5317	1.3992	1.4382	1.4072	1.6684	2.1175		
15 *	1.5825	1.7528	1.5865	2.0096				

Table 2 (cont.)

LORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 740 EPPO THIS IS THE 10-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8752	1.3847	1.5294	1.3912	1.5594	1.5044	1.6892	1.6622
9 *	1.3860	1.6090	1.3815	1.6970	1.4011	1.6259	1.4669	1.9225
10 *	1.5269	1.3823	1.5509	1.6192	1.5731	1.3909	1.5964	1.5597
11 *	1.3909	1.6971	1.6185	1.5997	1.4003	1.4972	1.4598	2.1919
12 *	1.5509	1.4002	1.5737	1.4001	1.6876	1.4591	1.6098	
13 *	1.5047	1.6257	1.3909	1.4571	1.4591	1.7790	2.3089	
14 *	1.4837	1.4670	1.5587	1.4660	1.8107	2.3083		
15 *	1.6623	1.9224	1.619	2.1915				

MQ (3-D) AT: 100% POWER 340 EPPO THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8522	1.3826	1.5455	1.3992	1.6038	1.5606	1.7643	1.7015
9 *	1.3838	1.6308	1.3838	1.7272	1.4200	1.6853	1.5126	2.0000
10 *	1.5525	1.3847	1.5791	1.6537	1.6212	1.4274	1.6399	1.7014
11 *	1.3990	1.7274	1.6531	1.6423	1.4260	1.5675	1.5129	2.2827
12 *	1.5951	1.4190	1.6213	1.4258	1.7556	1.5730	1.9085	
13 *	1.5609	1.6851	1.4274	1.5674	1.5031	1.8757	2.4264	
14 *	1.7983	1.5127	1.6392	1.5133	1.9095	2.4257		
15 *	1.7016	1.9999	1.7016	2.2823				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-D VALUES (F-SUB-D OF MARGIN)

MQ 11-D: AT: 100% POWER 34 EFPD THIS IS THE 8-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7754	1.3201	1.4896	1.3175	1.5410	1.4831	1.6570	1.5942
9 *	1.3213	1.5643	1.3224	1.6594	1.3577	1.6021	1.4165	1.8812
10 *	1.4869	1.3234	1.5162	1.5892	1.5550	1.3570	1.5437	1.5960
11 *	1.3172	1.6595	1.5885	1.5764	1.3621	1.5009	1.4288	2.1541
12 *	1.6326	1.3567	1.5456	1.3620	1.6831	1.4368	1.8138	
13 *	1.4834	1.6018	1.3570	1.5008	1.4368	1.7937	2.2895	
14 *	1.6517	1.4166	1.5441	1.4290	1.9147	2.2988		
15 *	1.5943	1.8811	1.3983	1.1543				

MQ 11-D: AT: 100% POWER 34 EFPD THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7070	1.2627	1.4234	1.2725	1.4590	1.3896	1.5623	1.4984
9 *	1.2619	1.5052	1.2669	1.5910	1.2790	1.5133	1.3306	1.7756
10 *	1.4284	1.2677	1.4907	1.5322	1.4817	1.2753	1.4556	1.5014
11 *	1.3733	1.5912	1.5335	1.5165	1.3013	1.4255	1.3437	2.0408
12 *	1.4511	1.2781	1.4841	1.3012	1.5140	1.3647	1.7164	
13 *	1.3899	1.5131	1.2733	1.4254	1.3647	1.7017	2.1863	
14 *	1.7572	1.3306	1.4559	1.3439	1.7173	2.1858		
15 *	1.4985	1.7756	1.5026	2.0424				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6397	1.1947	1.3344	1.1890	1.2723	1.3237	1.4770	1.4122
9 *	1.1957	1.4220	1.1841	1.4892	1.2008	1.4326	1.2531	1.6811
10 *	1.3401	1.1848	1.3694	1.4367	1.3955	1.2015	1.3761	1.4159
11 *	1.1888	1.4893	1.4361	1.4327	1.2285	1.3483	1.2665	1.9382
12 *	1.3648	1.1999	1.3960	1.2283	1.5522	1.2870	1.6280	
13 *	1.3240	1.4324	1.2015	1.3482	1.2871	1.6141	2.0841	
14 *	1.4720	1.2532	1.3764	1.2607	1.6289	2.0836		
15 *	1.4123	1.6811	1.4161	1.9376				

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 5-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6244	1.1047	1.2371	1.1002	1.2754	1.2288	1.3838	1.3317
9 *	1.1057	1.3203	1.0954	1.3840	1.1112	1.3310	1.1734	1.5925
10 *	1.2424	1.0961	1.2728	1.3363	1.2952	1.1144	1.2896	1.3378
11 *	1.1000	1.3841	1.3357	1.3323	1.1368	1.2528	1.1875	1.8456
12 *	1.2685	1.1105	1.2958	1.1367	1.4480	1.2015	1.5382	
13 *	1.3290	1.3308	1.1144	1.2527	1.2016	1.5209	1.9889	
14 *	1.3793	1.1735	1.2898	1.1876	1.5390	1.9883		
15 *	1.3318	1.5924	1.3380	1.8453				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4294	1.0323	1.0263	1.0286	1.1940	1.1477	1.2945	1.2578
9 *	1.0332	1.2345	1.0239	1.2949	1.0364	1.2444	1.0982	1.5059
10 *	1.1613	1.0245	1.1905	1.2487	1.2091	1.0411	1.2075	1.2628
11 *	1.0284	1.2949	1.0481	1.2454	1.0605	1.1707	1.1119	1.7474
12 *	1.1876	1.0377	1.2096	1.0603	1.3496	1.1224	1.4445	
13 *	1.1452	1.2443	1.0411	1.1706	1.1225	1.4254	1.0765	
14 *	1.2904	1.0983	1.2878	1.1123	1.4453	1.0760		
15 *	1.2579	1.5055	1.2610	1.2471				

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.3650	.9993	1.1004	.9865	1.1362	1.0883	1.2328	1.2177
9 *	.9901	1.1721	.9816	1.2289	.9945	1.1812	1.0555	1.7537
10 *	1.2051	.9816	1.1091	1.1797	1.1455	.9976	1.1530	1.3246
11 *	.9858	1.2290	1.1702	1.1794	1.0122	1.1136	1.0695	1.6903
12 *	1.1100	.9938	1.1459	1.0121	1.2707	1.0742	1.3840	
13 *	1.0885	1.1811	.9976	1.1135	1.0742	1.3592	1.8009	
14 *	1.1288	1.0556	1.1531	1.0697	1.3847	1.8004		
15 *	1.2173	1.4536	1.2248	1.6900				

Table 2 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q OF MARGIN)

MQ (3-D) AT: 100% POWER 34° EFPD THIS IS THE 2-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
9 *	1.3827	1.0207	1.1081	1.0164	1.1407	1.0899	1.2457	1.2839
8 *	1.0216	1.1721	1.0106	1.2260	1.0241	1.1620	1.0958	1.5070
10 *	1.1129	1.0113	1.1277	1.1680	1.1445	1.0305	1.1720	1.2956
11 *	1.0163	1.2261	1.1676	1.1744	1.0388	1.1238	1.1140	1.7578
12 *	1.1345	1.0234	1.1450	1.0387	1.2574	1.1091	1.4182	
13 *	1.0901	1.1818	1.0305	1.1238	1.1091	1.3789	1.8428	
14 *	1.2417	1.0959	1.1722	1.1142	1.4189	1.8123		
15 *	1.2840	1.5069	1.3958	1.7574				

MQ (3-D) AT: 100% POWER 340 EFPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
9 *	1.7666	1.3202	1.4015	1.3125	1.4383	1.3842	1.6030	1.8012
8 *	1.3214	1.4631	1.3050	1.5265	1.3202	1.4844	1.4167	2.0214
10 *	1.4075	1.3058	1.4160	1.4537	1.4372	1.3346	1.5201	1.8296
11 *	1.3122	1.5266	1.4531	1.4493	1.3381	1.4381	1.4650	2.3752
12 *	1.4306	1.3193	1.4378	1.3382	1.5733	1.4274	1.6776	
13 *	1.3845	1.4844	1.3346	1.4380	1.4275	1.7920	2.4359	
14 *	1.5979	1.4168	1.5204	1.4652	1.8785	2.4352		
15 *	1.6033	2.6213	1.8298	2.3747				

Table 3

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (P-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 4 EFFD THIS IS THE 18-TH LEVEL OF 19

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.8757	2.8224	2.2950	1.9370	2.2307	2.2626	2.7415	3.1782
9 *	2.8428	2.1879	1.9449	2.1366	1.9880	2.4649	2.4884	3.2497
10 *	2.3085	1.9446	2.1408	2.1809	2.2056	2.2477	2.6772	3.2325
11 *	1.9382	2.1375	2.0591	2.1591	2.1012	2.5001	2.7552	3.7728
12 *	2.2403	1.9915	2.2078	2.1021	2.6361	2.5075	3.1435	
13 *	2.2630	2.4641	2.2469	2.4991	2.5032	2.8773	3.9570	
14 *	2.7240	2.4876	2.6772	2.7553	3.1465	3.9558		
15 *	3.1287	3.2490	3.2325	3.7714				

MC (3-D) AT: 110% POWER 4 EFFD THIS IS THE 17-TH LEVEL OF 19

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.0168	1.4856	1.6110	1.4148	1.6139	1.4344	1.7264	1.8691
9 *	1.4925	1.6103	1.4293	1.5342	1.4338	1.6444	1.6190	2.1291
10 *	1.6204	1.4291	1.4709	1.4431	1.5825	1.5654	1.7079	1.9316
11 *	1.4156	1.5749	1.4421	1.5526	1.5060	1.6454	1.7375	2.4706
12 *	1.5204	1.4363	1.5839	1.6066	1.7726	1.6631	1.9909	
13 *	1.4347	1.6438	1.5648	1.6447	1.6602	1.9637	2.6675	
14 *	1.7153	1.6185	1.7082	1.7375	1.9927	2.6667		
15 *	1.8694	2.1286	1.9316	2.4697				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC 13-D1 AT: 110% POWER 4 EFPD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8217	1.3120	1.4663	1.2666	1.3551	1.2545	1.4892	1.5484
9 *	1.3183	1.4699	1.2881	1.4671	1.2713	1.4627	1.3640	1.8384
10 *	1.4739	1.2878	1.3447	1.3339	1.4386	1.3537	1.4684	1.5986
11 *	1.2674	1.4677	1.3308	1.4034	1.3209	1.4375	1.4538	2.1424
12 *	1.3609	1.2736	1.4399	1.3214	1.5808	1.4181	1.7282	
13 *	1.2547	1.4623	1.3527	1.4369	1.4156	1.7481	2.4033	
14 *	1.4797	1.3636	1.4687	1.4539	1.7298	2.4026		
15 *	1.6487	1.8380	1.5986	2.1416				

MC 13-D1 AT: 110% POWER 4 EFPD THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8845	1.2743	1.4335	1.2448	1.3367	1.2194	1.4332	1.4502
9 *	1.2802	1.4562	1.3594	1.4776	1.2373	1.4359	1.2886	1.7580
10 *	1.4419	1.2592	1.3342	1.3207	1.3957	1.3712	1.3890	1.4932
11 *	1.2456	1.4782	1.3195	1.3695	1.2559	1.3747	1.3288	2.0225
12 *	1.3424	1.2395	1.3969	1.2564	1.5271	1.3538	1.6718	
13 *	1.2196	1.4354	1.2707	1.3789	1.3515	1.6969	2.3333	
14 *	1.4241	1.2882	1.3893	1.3289	1.6733	2.3326		
15 *	1.4504	1.7576	1.4932	2.0218				



Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 4 EPPD THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8752	1.3052	1.4716	1.2706	1.3744	1.2456	1.4929	1.4443
9 *	1.3112	1.5084	1.2849	1.5293	1.2542	1.4649	1.2857	1.7726
10 *	1.4803	1.2847	1.4611	1.3560	1.4088	1.2615	1.3811	1.4714
11 *	1.2719	1.5300	1.3548	1.4997	1.2634	1.3839	1.2918	2.0130
12 *	1.3803	1.2564	1.4100	1.2639	1.5489	1.3500	1.6656	
13 *	1.2458	1.4644	1.2640	1.3633	1.3477	1.7161	2.3814	
14 *	1.4438	1.2853	1.3814	1.2918	1.6672	2.3807		
15 *	1.4445	1.7722	1.4714	2.0122				

MC (3-D) AT: 110% POWER 4 EPPD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.0269	1.3879	1.5610	1.3445	1.4547	1.3073	1.5221	1.4943
9 *	1.3944	1.6144	1.3609	1.6331	1.3190	1.5424	1.3288	1.8445
10 *	1.5721	1.3607	1.4724	1.4400	1.4793	1.3051	1.4296	1.5112
11 *	1.3453	1.6338	1.4388	1.4718	1.3073	1.3845	1.3152	2.0835
12 *	1.4609	1.3213	1.4806	1.3078	1.6394	1.3710	1.7023	
13 *	1.3075	1.5419	1.3046	1.3839	1.3686	1.7836	2.5109	
14 *	1.5124	1.3284	1.4278	1.3152	1.7039	2.5101		
15 *	1.4946	1.8441	1.5112	2.0828				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 4 EFPD THIS IS THE 12-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.2271	1.5087	1.6961	1.4653	1.5854	1.4023	1.6145	1.5677
9 *	1.5157	1.7627	1.4726	1.7710	1.4299	1.6723	1.4142	1.9800
10 *	1.7060	1.4723	1.6061	1.5767	1.6059	1.3967	1.5242	1.6031
11 *	1.4662	1.7717	1.5753	1.5971	1.3972	1.4745	1.3893	2.2272
12 *	1.5921	1.4325	1.6070	1.3978	1.7545	1.4456	1.8127	
13 *	1.4025	1.8718	1.3962	1.4739	1.4431	1.8961	2.6866	
14 *	1.6042	1.4138	1.5244	1.3893	1.8144	2.6858		
15 *	1.5679	1.9495	1.6031	2.2264				

MC (3-D) AT: 110% POWER 4 EFPD THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.4485	1.5469	1.8498	1.5891	1.7427	1.5317	1.7533	1.6831
9 *	1.6546	1.9314	1.6027	1.9340	1.5680	1.8408	1.5254	2.1093
10 *	1.8606	1.6024	1.7652	1.7207	1.7667	1.5369	1.6698	1.7349
11 *	1.5900	1.9349	1.7222	1.7541	1.5414	1.6201	1.5118	2.4433
12 *	1.7502	1.5708	1.7682	1.5421	1.9404	1.5779	1.9908	
13 *	1.5319	1.8402	1.5363	1.6194	1.5752	2.0840	2.9644	
14 *	1.7422	1.5250	1.6701	1.5118	1.9926	2.9635		
15 *	1.6804	2.1088	1.7350	1.4424				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-Q VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 4 EFPO THIS IS THE 10-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6879	1.8051	2.0265	1.7320	1.9006	1.7006	1.9359	1.8377
9 *	1.8134	2.1252	1.7524	2.1206	1.7045	2.0097	1.6721	2.3161
10 *	2.0388	1.7521	1.9280	1.8942	1.9331	1.6886	1.8485	1.8928
11 *	1.7331	2.1215	1.8928	1.9281	1.6906	1.8080	1.6700	2.7012
12 *	1.8087	1.7075	1.9348	1.6913	2.1377	1.7653	2.2261	
13 *	1.7009	2.0091	1.6880	1.8072	1.7622	2.3152	3.2571	
14 *	1.9235	1.6716	1.8489	1.6701	2.2282	1.2561		
15 *	1.8380	2.3175	1.8938	2.7022				

MC (3-D) AT: 110% POWER 4 EFPO THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.5955	1.7620	1.9763	1.7051	1.9855	1.7030	1.9696	1.9255
9 *	1.7702	2.0826	1.7193	2.0711	1.6966	2.0144	1.7160	2.4173
10 *	1.9879	1.7179	1.8920	1.8721	1.9260	1.6960	1.8694	1.9776
11 *	1.7061	2.0720	1.8105	1.8188	1.7057	1.8141	1.7123	2.7080
12 *	1.8036	1.6996	1.9177	1.7064	2.1685	1.7910	2.2873	
13 *	1.7033	2.0138	1.6954	1.8113	1.7887	2.4036	3.4525	
14 *	1.9570	1.7155	1.8698	1.7124	2.2894	3.4514		
15 *	1.9258	2.4167	1.9776	2.7969				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 4 EPPD THIS IS THE 8-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.5069	1.6917	1.8988	1.6346	1.7995	1.6349	1.8833	1.8068
9 *	1.6995	1.9890	1.6489	1.9957	1.6241	1.9209	1.6404	2.2584
10 *	1.9100	1.6486	1.8318	1.8023	1.8467	1.6364	1.8062	1.8523
11 *	1.6356	1.9965	1.8007	1.8446	1.6320	1.7675	1.6607	2.6289
12 *	1.8972	1.6270	1.8503	1.6327	2.0846	1.7532	2.2062	
13 *	1.6352	1.9202	1.6357	1.7667	1.7502	2.3307	3.2665	
14 *	1.8713	1.6399	1.8066	1.6608	2.2083	1.2655		
15 *	1.8071	2.2579	1.8523	2.6279				

MC (3-D) AT: 110% POWER 4 EPPD THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.1977	1.6113	1.8031	1.5427	1.6902	1.4881	1.6987	1.6310
9 *	1.6188	1.8940	1.5950	1.8850	1.5243	1.7676	1.4725	2.0519
10 *	1.8137	1.5647	1.7343	1.7138	1.7453	1.5099	1.6279	1.6692
11 *	1.5436	1.8858	1.7124	1.7580	1.5497	1.8503	1.5180	2.3945
12 *	1.4974	1.5270	1.7469	1.5503	1.9955	1.6323	2.0459	
13 *	1.4883	1.7670	1.5093	1.6496	1.6295	2.1547	3.0323	
14 *	1.8879	1.4721	1.6382	1.5181	2.0478	1.0314		
15 *	1.6313	2.0514	1.6692	2.3937				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

4-SUB-C VALUES (F-SUB-Q EPS MARGIN)

MC (4-D) AT 110% POWER 4 EFPU THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.2722	1.4754	1.5515	1.4127	1.5466	1.3584	1.5585	1.4975
9 *	1.4622	1.7413	1.4321	1.7352	1.3686	1.6197	1.3442	1.5971
10 *	1.6611	1.4319	1.5928	1.5766	1.6054	1.3703	1.4882	1.5309
11 *	1.4128	1.7360	1.5752	1.6199	1.4233	1.4999	1.3722	2.0084
12 *	1.5532	1.3910	1.6068	1.4239	1.8449	1.5039	1.8801	
13 *	1.3587	1.6192	1.3698	1.4991	1.5003	2.0142	2.8370	
14 *	1.3485	1.3438	1.4885	1.3722	1.8819	2.8361		
15 *	1.4978	1.8966	1.8309	2.2075				

MC (4-D) AT 110% POWER 4 EFPU THIS IS THE 5-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.2682	1.3690	1.5375	1.3114	1.4403	1.2622	1.4577	1.4047
9 *	1.3762	1.6211	1.3283	1.6187	1.2887	1.5120	1.2524	1.7515
10 *	1.5415	1.3281	1.4819	1.4688	1.4901	1.2718	1.3906	1.4361
11 *	1.3122	1.6194	1.4676	1.5133	1.3147	1.3880	1.2725	2.0846
12 *	1.4484	1.2910	1.4914	1.3157	1.7226	1.3799	1.7524	
13 *	1.2628	1.5115	1.2733	1.3874	1.3775	1.8738	2.6864	
14 *	1.4484	1.2821	1.3909	1.2721	1.7540	2.6856		
15 *	1.4050	1.7911	1.4361	2.0828				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 4 EFPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9626	1.2918	1.4435	1.2394	1.3661	1.1959	1.3948	1.3573
9 *	1.2978	1.5290	1.4531	1.5311	1.2217	1.4395	1.1986	1.7378
10 *	1.4520	1.2820	1.3769	1.3858	1.4092	1.2110	1.3331	1.3892
11 *	1.2401	1.5317	1.3946	1.4377	1.2443	1.3205	1.2170	2.0230
12 *	1.3719	1.2238	1.4104	1.2448	1.6300	1.3110	1.6818	
13 *	1.1960	1.4391	1.2108	1.3199	1.3088	1.7904	2.5840	
14 *	1.3859	1.1983	1.3333	1.2171	1.6833	2.5832		
15 *	1.3576	1.7373	1.3693	2.0222				

MC (3-D) AT: 110% POWER 4 EFPD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	F	A
8 *	1.9039	1.2544	1.3572	1.2073	1.3279	1.1659	1.3805	1.3790
9 *	1.2602	1.4696	1.3275	1.4775	1.1958	1.4071	1.1977	1.7550
10 *	1.3994	1.2168	1.3441	1.3327	1.3652	1.1970	1.3248	1.4136
11 *	1.2080	1.4781	1.3313	1.3879	1.2207	1.2999	1.2203	2.0432
12 *	1.3336	1.1979	1.3664	1.2312	1.5868	1.3012	1.6748	
13 *	1.1661	1.4066	1.1969	1.2994	1.2989	1.7700	2.5627	
14 *	1.3717	1.1974	1.3251	1.2203	1.6763	2.5619		
15 *	1.3792	1.7545	1.4134	2.0424				

Table 3 (cont.)

## CORE OPERATING LIMITS REPORT

X-SUB-C VALUES (P-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 4 SPD THIS IS THE 2-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9394	1.2987	1.4175	1.2580	1.3656	1.2202	1.4716	1.5600
9 *	1.8047	1.4823	1.2638	1.5012	1.3522	1.4584	1.3085	1.9247
10 *	1.4258	1.2633	1.3895	1.3571	1.3986	1.2731	1.4164	1.6010
11 *	1.2588	1.5018	1.3541	1.4202	1.3846	1.3677	1.3475	2.2397
12 *	1.3215	1.2544	1.3496	1.2651	1.6330	1.4067	1.7988	
13 *	1.2104	1.4579	1.2714	1.3471	1.4043	1.8732	2.7170	
14 *	1.4622	1.3081	1.4248	1.3475	1.8054	2.7162		
15 *	1.5602	1.9242	1.6010	2.2389				

MC (3-D) AT: 110% POWER 4 SPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.3756	1.5551	1.7453	1.5146	1.7322	1.6511	2.0065	2.3938
9 *	1.5623	1.8109	1.6247	1.8645	1.5196	1.8729	1.7391	2.7156
10 *	1.7755	1.5244	1.7429	1.7547	1.7720	1.5740	1.9113	2.4537
11 *	1.5155	1.8653	1.7532	1.8100	1.5693	1.7898	1.8735	3.1707
12 *	1.7396	1.5223	1.7735	1.5700	2.0650	1.8414	2.4731	
13 *	1.6514	1.8723	1.5734	1.7891	1.8382	2.5050	3.6854	
14 *	1.3937	1.7386	1.8116	1.8735	2.4754	3.6843		
15 *	2.3942	2.7149	2.4537	3.1895				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC 13-D) AT: 110% POWER 200 EFPD THIS IS THE 16-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.4678	1.8219	2.0515	1.8548	2.1236	2.0959	2.5052	2.7018
9 *	1.8159	1.9359	1.8236	2.0211	1.8704	2.2298	2.1882	2.8535
10 *	2.0615	1.8264	1.9794	1.8884	1.9357	1.9558	2.3213	2.6877
11 *	1.8543	2.0215	1.8879	1.9034	1.8383	2.1145	2.1895	3.1227
12 *	2.1108	1.8681	1.9387	1.8381	2.2135	2.0270	2.6057	
13 *	2.0962	2.3294	1.9557	2.1141	2.0258	2.3206	3.0325	
14 *	2.4910	2.1882	2.3318	2.1897	2.6073	3.0318		
15 *	2.7020	2.8533	2.6880	3.1221				

MC 13-C) AT: 110% POWER 200 EFPD THIS IS THE 17-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
9 *	1.7548	1.3302	1.4484	1.3520	1.4789	1.4147	1.6629	1.7233
8 *	1.1311	1.4554	1.3315	1.5228	1.3570	1.5400	1.4926	1.9600
10 *	1.4814	1.3335	1.3987	1.3892	1.4253	1.3743	1.5591	1.7043
11 *	1.3811	1.5232	1.3844	1.4077	1.3187	1.4256	1.4473	2.1342
12 *	1.4689	1.3553	1.4261	1.3186	1.5190	1.3872	1.7062	
13 *	1.4180	1.5397	1.3743	1.4254	1.3864	1.6323	2.1063	
14 *	1.6541	1.4926	1.5394	1.4474	1.7073	2.1058		
15 *	1.7234	1.9599	1.7045	2.1337				



Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 200 EFPO THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6435	1.2196	1.3802	1.2418	1.3769	1.3113	1.5184	1.5169
9 *	1.2223	1.3908	1.2254	1.4632	1.2421	1.4336	1.3276	1.7814
10 *	1.3568	1.2273	1.3171	1.3323	1.3480	1.2342	1.3892	1.4926
11 *	1.2414	1.4635	1.3315	1.3396	1.1953	1.2932	1.2737	1.9136
12 *	1.3684	1.2405	1.3487	1.1962	1.4009	1.2320	1.5395	
13 *	1.3115	1.4334	1.2147	1.2930	1.2313	1.5053	1.9612	
14 *	1.5104	1.3277	1.3895	1.2738	1.5405	1.9603		
15 *	1.5170	1.7812	1.4928	1.9132				

MC (3-D) AT: 110% POWER 200 EFPO THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6845	1.2286	1.3711	1.2289	1.3538	1.3059	1.5020	1.4950
9 *	1.2313	1.4368	1.2260	1.4629	1.2195	1.4278	1.3145	1.7827
10 *	1.3776	1.2299	1.3191	1.3786	1.3833	1.2187	1.3582	1.4111
11 *	1.2276	1.4632	1.3778	1.3806	1.1947	1.2972	1.2539	1.8526
12 *	1.3456	1.2180	1.3840	1.1946	1.4233	1.2194	1.5472	
13 *	1.3061	1.4376	1.2197	1.2970	1.2187	1.5227	2.0064	
14 *	1.4941	1.3146	1.3585	1.2541	1.5481	2.0059		
15 *	1.4951	1.7826	1.4113	1.8522				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D): AT: 110% POWER 300 EFPD THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7735	1.2608	1.3781	1.4385	1.3604	1.3038	1.5368	1.4731
9 *	1.2635	1.4472	1.2334	1.4961	1.2200	1.4228	1.2836	1.7107
10 *	1.3849	1.2354	1.3641	1.4034	1.4194	1.2201	1.3508	1.3884
11 *	1.2381	1.4965	1.4078	1.4418	1.2545	1.3627	1.7831	1.8759
12 *	1.3531	1.2185	1.4201	1.2544	1.5140	1.2739	1.6316	
13 *	1.3040	1.4225	1.2201	1.3625	1.2731	1.6117	2.1418	
14 *	1.5287	1.2837	1.3511	1.2632	1.6326	2.1413		
15 *	1.4732	1.7105	1.3886	1.8755				

MC (3-D): AT: 110% POWER 300 EFPD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7963	1.2944	1.4420	1.2875	1.4214	1.3355	1.5215	1.4476
9 *	1.3972	1.5134	1.2874	1.5804	1.2697	1.4791	1.2911	1.7298
10 *	1.4491	1.2894	1.4371	1.4773	1.4807	1.2702	1.3985	1.4226
11 *	1.2871	1.5807	1.4765	1.4964	1.3090	1.4305	1.3186	1.9647
12 *	1.4127	1.2681	1.4815	1.3089	1.6240	1.3770	1.7472	
13 *	1.3357	1.4789	1.2702	1.4303	1.3763	1.7406	2.2834	
14 *	1.5136	1.2911	1.3988	1.3188	1.7482	2.2828		
15 *	1.4479	1.7297	1.4228	1.9643				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUER (F-SUB-Q EPS MARGIN)

MC (3-D) AT: 110% POWER 200 EFPD THIS IS THE 12-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9416	1.3902	1.5622	1.3897	1.5398	1.4209	1.6030	1.5066
9 *	1.2932	1.6430	1.3891	1.7206	1.3694	1.5963	1.3618	1.8266
10 *	1.5698	1.3912	1.5623	1.6055	1.5980	1.3679	1.4991	1.5085
11 *	1.3893	1.7210	1.6045	1.6132	1.3909	1.5211	1.4200	2.1190
12 *	1.5304	1.3677	1.5988	1.3908	1.7259	1.4531	1.8550	
13 *	1.4312	1.5960	1.3679	1.5208	1.4523	1.8423	2.4329	
14 *	1.5946	1.3618	1.4994	1.4202	1.8561	2.4323		
15 *	1.5067	1.8264	1.6087	2.1185				

MC (3-D) AT: 110% POWER 200 EFPD THIS IS THE 11-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.1734	1.5429	1.7436	1.7490	1.7214	1.5865	1.7580	1.6291
9 *	1.5462	1.8393	1.5433	1.8207	1.5228	1.7771	1.4869	1.9941
10 *	1.7521	1.5456	1.7479	1.7955	1.7756	1.5159	1.6547	1.6462
11 *	1.5485	1.9212	1.7944	1.7941	1.5277	1.6696	1.5696	2.7437
12 *	1.7109	1.5209	1.7765	1.5276	1.9031	1.5829	2.0317	
13 *	1.5868	1.7768	1.5159	1.6693	1.5820	2.0359	2.6741	
14 *	1.7487	1.4870	1.6951	1.5697	2.0330	2.6734		
15 *	1.6292	1.9939	1.6465	2.3432				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

F-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC 11-D1 AT: 110% POWER 200 EFPO THIS IS THE 10-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.4654	1.7385	1.9652	1.7053	1.9071	1.7838	1.9813	1.8105
9 *	1.7423	2.0816	1.7330	2.1231	1.6971	1.9859	1.6661	2.2325
10 *	1.9749	1.7356	1.9661	2.0274	1.9964	1.7017	1.8693	1.8280
11 *	1.7048	2.1206	2.0262	2.0272	1.7161	1.8715	1.7626	2.6452
12 *	1.6955	1.6950	1.9974	1.7150	2.1529	1.7701	2.2740	
13 *	1.7841	1.9856	1.7017	1.8711	1.7691	2.2657	3.0049	
14 *	1.8709	1.6662	1.8697	1.7628	2.2754	3.0041		
15 *	1.8106	2.2323	1.8382	2.6446				

MC 11-D1 AT: 110% POWER 200 EFPO THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.4996	1.8131	2.0426	1.8389	2.1099	1.9631	2.1807	2.0367
9 *	1.8171	2.1432	1.8215	2.2570	1.8574	2.1894	1.8637	2.5009
10 *	2.0526	1.8242	2.0599	2.1351	2.1378	1.8338	2.0957	2.0782
11 *	1.8383	2.2576	2.1338	2.1589	1.8461	2.0189	1.9041	2.9629
12 *	2.0970	1.8557	2.1389	1.8460	2.3335	1.9211	2.4875	
13 *	1.9634	2.1890	1.8337	2.0185	1.9200	2.4977	3.3133	
14 *	2.1692	1.8638	2.0961	1.8043	2.4891	3.3125		
15 *	2.0369	2.5006	2.0784	2.9623				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 200 EFPD THIS IS THE 9-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
9 *	2.3440	1.6929	1.9343	1.7196	1.9794	1.8703	2.0851	1.9248
8 *	1.6965	2.0081	1.7502	2.1161	1.7392	2.0881	1.7781	2.3555
10 *	1.9186	1.7028	1.9736	1.8019	2.0031	1.7561	1.9940	1.9652
11 *	1.7159	2.1166	2.0037	2.0270	1.7537	1.9436	1.6303	2.7979
12 *	1.9674	1.7371	2.5642	1.7534	2.2077	1.8615	2.4041	
13 *	1.8706	2.0877	1.7561	1.9433	1.8604	2.3959	3.1329	
14 *	2.0741	1.7782	1.9945	1.8305	2.4056	3.1321		
15 *	1.9249	2.3553	1.9655	2.7				

MC (3-D) AT: 110% POWER 100 EFPD THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.1582	1.5761	1.7728	1.5740	1.8117	1.7180	1.9651	1.7580
9 *	1.5795	1.6794	1.5731	1.9489	1.5944	1.9085	1.6159	2.1671
10 *	1.7815	1.5744	1.7874	1.8635	1.8636	1.6130	1.8103	1.7920
11 *	1.5735	1.9493	1.8624	1.8984	1.6311	1.7999	1.7071	2.5602
12 *	1.9007	1.5924	1.8646	1.6310	2.0621	1.7295	2.2038	
13 *	1.7183	1.9082	1.6139	1.7896	1.7285	2.2112	2.8795	
14 *	1.8951	1.6160	1.8207	1.7673	2.2051	2.8988		
15 *	1.7581	2.1620	1.7922	2.5597				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-300B-C VALUES (F-SUB RPS MARGIN)

MC (3-D) AT: 110% POWER 200 EFPO THIS IS THE 6-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.0164	1.4329	1.6102	1.4361	1.6553	1.5740	1.7499	1.6130
9 *	1.4360	1.7068	1.4281	1.7380	1.4472	1.7308	1.4751	1.9937
10 *	1.6181	1.4303	1.6347	1.7015	1.6845	1.4520	1.6485	1.6384
11 *	1.4357	1.7884	1.7006	1.7254	1.4806	1.6276	1.5308	2.3451
12 *	1.6451	1.4455	1.6853	1.4805	1.8995	1.5666	2.0061	
13 *	1.5743	1.7306	1.4520	1.6273	1.5657	2.0175	2.6632	
14 *	1.7407	1.4752	1.6489	1.8309	2.0073	2.6626		
15 *	1.6131	1.9935	1.6386	2.3446				

MC (3-D) AT: 110% POWER 200 EFPO THIS IS THE 5-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8467	1.3097	1.4838	1.3139	1.5168	1.4414	1.6197	1.4926
9 *	1.3125	1.5726	1.3127	1.6413	1.3209	1.5863	1.3584	1.8541
10 *	1.4910	1.3147	1.5054	1.5601	1.5412	1.3237	1.5152	1.5115
11 *	1.3135	1.6417	1.5591	1.5810	1.3486	1.4862	1.3870	2.1681
12 *	1.5075	1.3192	1.6420	1.3485	1.7317	1.4262	1.8428	
13 *	1.4417	1.5860	1.3236	1.4859	1.4254	1.8510	2.4620	
14 *	1.6112	1.3585	1.5186	1.3872	1.8440	2.4614		
15 *	1.4929	1.8543	1.5117	2.1677				

Table 3 (cont.)

CGRE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 200 EFPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7347	1.2237	1.3757	1.2181	1.4081	1.3331	1.6149	1.4037
9 *	1.2264	1.4664	1.2168	1.5244	1.2245	1.4721	1.2706	1.7487
10 *	1.3824	1.2186	1.3964	1.4461	1.4283	1.2273	1.4143	1.4190
11 *	1.2178	1.3248	1.4453	1.4679	1.2498	1.3789	1.2851	2.0377
12 *	1.3995	1.3230	1.4291	1.2497	1.6048	1.3231	1.7217	
13 *	1.3334	1.4719	1.2272	1.3787	1.3224	1.7267	2.3094	
14 *	1.5069	1.2707	1.4146	1.2852	1.7228	2.3088		
15 *	1.4038	1.7486	1.4197	2.0373				

MC (3-D) AT: 110% POWER 200 EFPD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6766	1.1717	1.3085	1.1638	1.3363	1.2594	1.4378	1.3669
9 *	1.1743	1.3897	1.1618	1.4436	1.1693	1.3958	1.2258	1.6960
10 *	1.3119	1.1636	1.3206	1.3626	1.3516	1.1749	1.3560	1.3823
11 *	1.1634	1.4439	1.3618	1.3900	1.1940	1.3134	1.2370	1.9735
12 *	1.3281	1.1679	1.3523	1.1939	1.5243	1.2689	1.657	
13 *	1.2596	1.3956	1.1749	1.3132	1.2682	1.6530	2.2176	
14 *	1.4102	1.2259	1.3563	1.2372	1.6529	2.2171		
15 *	1.3669	1.6958	1.3824	1.9729				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 200 EFPD THIS IS THE 2-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7046	1.2053	1.3147	1.1960	1.3445	1.2651	1.4970	1.451
9 *	1.2079	1.3895	1.1930	1.4418	1.2019	1.4024	1.2771	1.7606
10 *	1.3211	1.1948	1.3207	1.3932	1.3546	1.2148	1.3846	1.4790
11 *	1.1957	1.4422	1.3824	1.3910	1.2285	1.3354	1.2974	2.0600
12 *	1.3363	1.2004	1.3553	1.2384	1.5308	1.3193	1.6996	
13 *	1.2683	1.4022	1.2146	1.3351	1.3185	1.6859	2.2762	
14 *	1.4493	1.2771	1.3847	1.2976	1.7007	2.2757		
15 *	1.4592	1.7695	1.4792	2.0596				

MC (3-D) AT: 110% POWER 200 EFPD THIS IS THE 1-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.1351	1.5010	1.6483	1.4934	1.6921	1.6168	1.9872	2.0883
9 *	1.5043	1.7171	1.4885	1.7880	1.5042	1.7555	1.6318	2.3802
10 *	1.8963	1.4908	1.6591	1.8964	1.6987	1.6267	1.7915	2.1240
11 *	1.4928	1.7884	1.6974	2.7445	1.5377	1.7091	1.7065	2.7867
12 *	1.6918	1.5003	1.6996	1.5376	1.9108	1.6870	2.2468	
13 *	1.6171	1.7552	1.8267	1.7088	1.8861	2.1896	3.0138	
14 *	1.8772	1.6318	1.7919	1.7067	2.2482	3.0131		
15 *	2.0884	2.3800	2.1242	2.7861				



Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 343 EFPD THIS IS THE 18-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.2580	1.8842	1.8107	1.6772	1.7271	1.6577	1.9127	2.1738
9 *	1.8858	1.9187	1.7125	1.8601	1.6747	1.7657	1.7762	2.3420
10 *	1.8189	1.7131	2.7413	1.7878	1.8261	1.7350	1.8698	2.2117
11 *	1.6768	1.8602	1.7971	1.9265	1.8530	1.9309	1.9004	2.6739
12 *	1.7177	1.6736	1.8268	1.8528	2.0133	1.9097	2.3417	
13 *	1.8581	1.7655	1.7150	1.9308	1.9098	2.2310	2.8005	
14 *	1.8065	1.7763	1.8702	1.9006	2.3331	2.7997		
15 *	2.1740	2.3419	2.2120	2.6754				

MC (3-D) AT: 110% POWER 340 EFPD THIS IS THE 17-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7155	1.3942	1.3655	1.2547	1.3235	1.2689	1.4614	1.5229
9 *	1.3954	1.4592	1.2681	1.4155	1.2665	1.3693	1.3493	1.7159
10 *	1.3714	1.2689	1.3147	1.3627	1.4079	1.3239	1.4033	1.5327
11 *	1.2545	1.4156	1.3621	1.4796	1.3942	1.4747	1.4133	1.9576
12 *	1.3163	1.2656	1.4085	1.3940	1.5439	1.4533	1.7404	
13 *	1.2692	1.3691	1.3239	1.4746	1.4534	1.6829	2.0884	
14 *	1.4567	1.3494	1.4036	1.4135	1.7413	2.0878		
15 *	1.5338	1.7159	1.5129	1.9572				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC 13-D) AT: 110% POWER 140 EFDD THIS IS THE 16-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6434	1.2992	1.2067	1.1897	1.2697	1.2197	1.3921	1.4137
9 *	1.3003	1.4090	1.1832	1.092	1.1812	1.3220	1.2564	1.6343
10 *	1.3123	1.1839	1.2701	1.3260	1.3544	1.2367	1.3555	1.4228
11 *	1.1695	1.3704	1.3254	1.4322	1.2966	1.3935	1.3298	1.8782
12 *	1.2628	1.1804	1.3550	1.2966	1.4800	1.3451	1.6449	
13 *	1.2199	1.3218	1.2367	1.3934	1.3452	1.5934	1.9950	
14 *	1.3876	1.2565	1.3558	1.3300	1.6457	1.9945		
15 *	1.4138	1.6343	1.4230	1.8779				

MC 13-D) AT: 110% POWER 140 EFDD THIS IS THE 15-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.6910	1.3155	1.3460	1.3867	1.3096	1.2600	1.4089	1.4258
9 *	1.3167	1.4619	1.2017	1.4234	1.1984	1.3684	1.2649	1.6575
10 *	1.3517	1.2024	1.3184	1.3846	1.4015	1.2474	1.3793	1.4522
11 *	1.1865	1.4236	1.3840	1.4850	1.3126	1.4152	1.3302	1.9305
12 *	1.3025	1.1976	1.4031	1.3125	1.5253	1.3543	1.6651	
13 *	1.2603	1.3683	1.2474	1.4150	1.3544	1.6321	2.0629	
14 *	1.4242	1.2649	1.3796	1.3304	1.6660	2.0623		
15 *	1.4259	1.6574	1.4524	1.9302				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC 13-D1 AT: 110% POWER 340 EFPD THIS IS THE 14-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8010	1.3837	1.4351	1.2517	1.3904	1.3409	1.5138	1.4869
9 *	1.3850	1.5630	1.2691	1.5201	1.2593	1.4527	1.3226	1.7409
10 *	1.4392	1.2699	1.4114	1.4803	1.4798	1.2959	1.4415	1.5054
11 *	1.2514	1.5202	1.4297	1.6748	1.3804	1.4688	1.3758	2.0066
12 *	1.3829	1.2585	1.4804	1.3802	1.6249	1.4043	1.7407	
13 *	1.3411	1.4525	1.2969	1.4687	1.4043	1.7222	2.1994	
14 *	1.5079	1.3227	1.4418	1.3760	1.7416	2.1988		
15 *	1.4870	1.7408	1.5056	2.0062				

MC 13-D1 AT: 110% POWER 340 EFPD THIS IS THE 13-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.9705	1.4793	1.5432	1.1360	1.4925	1.4333	1.6113	1.5692
9 *	1.4806	1.6935	1.3598	1.6414	1.3435	1.5582	1.3978	1.8388
10 *	1.5498	1.3605	1.5236	1.6044	1.6004	1.3805	1.5336	1.5849
11 *	1.3358	1.6415	1.6037	2.7053	1.4515	1.5562	1.4585	2.1428
12 *	1.4844	1.3426	1.6010	1.4511	1.7711	1.4790	1.8387	
13 *	1.4336	1.5580	1.3805	1.5861	1.4790	1.8232	2.3299	
14 *	1.6061	1.3979	1.5339	1.4587	1.8396	2.3292		
15 *	1.5693	1.8387	1.5852	2.1424				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 340 EFPD THIS IS THE 12-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.1673	1.6159	1.7119	1.4674	1.6436	1.5721	1.7533	1.6852
9 *	1.6173	1.8815	1.4976	1.8164	1.4717	1.7104	1.5113	1.9885
10 *	1.7192	1.4984	1.8921	1.7810	1.7622	1.5022	1.6674	1.7092
11 *	1.4671	1.8185	1.7802	1.8729	1.5718	1.6913	1.5782	2.3117
12 *	1.6347	1.4707	1.7830	1.5716	1.9193	1.5884	1.9930	
13 *	1.5724	1.7102	1.5022	1.6912	1.5884	1.9692	2.5310	
14 *	1.7477	1.5114	1.6677	1.5785	1.9840	2.5303		
15 *	1.6853	1.9884	1.7095	2.3113				

MC (3-D) AT: 110% POWER 340 EFPD THIS IS THE 11-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.3596	1.7596	1.8978	1.6123	1.8093	1.7211	1.9079	1.8162
9 *	1.7812	2.0682	1.6529	2.0134	1.6177	1.8762	1.6369	2.1449
10 *	1.9059	1.6540	1.8788	1.9792	1.9533	1.6409	1.8148	1.8377
11 *	1.6120	2.0136	1.9783	2.0604	1.7387	1.8739	1.7376	2.5182
12 *	1.7995	1.6096	1.9541	1.7384	2.1318	1.7463	2.2029	
13 *	1.7215	1.8759	1.6409	1.8737	1.7463	2.1745	2.8043	
14 *	1.9017	1.6370	1.8152	1.7379	2.2040	2.8036		
15 *	1.8164	2.1448	1.8379	2.5177				

Table 3 (cont.)

CORE GENERATING LIMITS REPORT

M-SUB-Q VALUES (P-SUB-Q RPS MARGIN)

MC 13-D) AT: 110% POWER 340 EFPD THIS IS THE 10-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.5577	1.8970	2.1343	1.8080	2.0337	1.9212	2.1086	1.9707
9 *	1.8987	2.2556	1.8567	2.2768	1.7986	2.0993	1.7989	2.3528
10 *	2.1433	1.8579	2.1252	2.2457	2.1976	1.8249	2.0118	2.0118
11 *	1.8057	2.2770	2.2447	2.2330	1.8990	2.0769	1.9320	2.7861
12 *	2.0226	1.7974	2.1985	1.8987	2.3292	1.9516	2.4694	
13 *	1.9216	2.0990	1.8249	2.0767	1.9517	2.4192	3.1061	
14 *	2.1020	1.7990	2.0122	1.9328	2.706	3.1053		
15 *	1.9789	2.3528	1.0121	2.7856				

MC 13-D) AT: 110% POWER 340 EFPD THIS IS THE 9-TH LEVEL OF 16

WHERE: LEVEL 16 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.5694	1.9431	2.1677	1.9649	2.2478	2.1294	2.3346	2.1495
9 *	1.9448	2.2796	1.9427	2.4088	1.9900	2.3366	1.9918	2.5874
10 *	2.1770	1.9440	2.2053	2.3053	2.3694	1.9641	2.2213	2.1882
11 *	1.9645	2.4090	1.3043	2.2945	1.9789	2.1570	2.0261	3.0204
12 *	2.7356	1.9886	2.2714	1.9787	2.4447	2.0392	2.8758	
13 *	2.1398	2.3363	1.9641	2.1568	2.0393	2.5531	3.2693	
14 *	2.3270	1.999	2.2219	2.0264	2.5771	3.2684		
15 *	2.1497	2.5873	2.1246	3.0198				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (F-SUB-Q RPS MARGIN)

MC (3-D) AT: 110% POWER 340 EFPD THIS IS THE 8-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.4114	1.8152	2.0286	1.8341	2.1061	1.9856	2.1539	1.9842
9 *	1.8168	2.1389	1.8146	2.2587	1.8617	2.1759	1.8485	2.3766
10 *	2.0383	1.8159	2.0695	2.1658	2.1279	1.8589	2.0735	2.0288
11 *	1.8137	2.2589	2.1649	2.1551	1.8745	2.0636	1.9169	2.8372
12 *	2.0947	1.8605	2.1288	1.8743	2.3057	1.9669	2.4388	
13 *	1.9960	2.1757	1.8590	2.0634	1.9669	2.4358	3.0911	
14 *	2.1469	1.8486	2.0719	1.9172	2.4400	3.0902		
15 *	1.9844	2.3765	2.0291	2.8366				

MC (3-D) AT: 110% POWER 340 EFPD THIS IS THE 7-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.2524	1.6863	1.6735	1.6700	1.9134	1.8248	1.9798	1.8185
9 *	1.6878	1.9965	1.6659	2.0660	1.6845	1.9833	1.6888	2.1858
10 *	1.8816	1.6670	1.8037	1.9980	1.9489	1.6799	1.8889	1.8517
11 *	1.6897	2.0661	1.9972	1.9967	1.7295	1.8795	1.7398	2.5905
12 *	1.9030	1.6834	1.9477	1.7294	2.1427	1.7890	2.2311	
13 *	1.8252	1.9831	2.6799	1.8793	1.7890	2.2285	2.8330	
14 *	1.9734	1.6889	1.8893	1.7400	2.2322	2.8322		
15 *	1.8186	2.1858	1.8820	2.5900				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

\* SUB-C VALUES (F-SUB-Q RFS MARGIN)

MC (1-D) AT: 110% POWER 340 RFPD THIS IS THE 6-TN LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	0.0471	1.5178	1.6940	1.825*	1.7410	1.6723	1.6240	1.6709
9 *	1.5191	2.7977	1.5054	1.8855	1.5240	1.8038	1.5451	2.0157
10 *	1.7013	1.5064	1.7529	1.8182	1.7707	1.8152	1.7140	1.6924
11 *	1.6184	1.8856	1.8171	1.8171	1.8650	1.6979	1.5683	2.3864
12 *	1.7315	1.5237	1.7214	1.5640	1.9717	1.6165	1.0251	
13 *	1.6727	1.8035	1.6162	1.6978	1.6166	2.0259	2.5951	
14 *	1.8181	1.5454	1.7143	1.5085	2.0261	2.5944		
15 *	1.6711	2.0157	1.8926	2.3659				

MC (1-D) AT: 110% POWER 340 RFPD THIS IS THE 5-TN LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.8582	1.3767	1.5813	1.3809	1.5931	1.5268	1.4856	1.5
9 *	1.7279	1.6452	1.3756	1.7297	1.3880	1.4487	1.3761	1.3876
10 *	1.5580	1.3764	1.5928	1.6694	1.6179	1.3805	1.3674	1.5547
11 *	1.3806	1.7299	1.6687	1.6576	1.4177	1.5493	1.4293	2.1782
12 *	1.5845	1.3871	1.6189	1.4175	1.7684	1.4679	1.6541	
13 *	1.5271	1.6485	1.3805	1.5491	1.4680	1.8505	2.3864	
14 *	1.4803	1.4201	1.5699	1.4291	1.9560	2.3857		
15 *	1.5427	1.8674	1.5549	2.0778				

Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUES (IF SUB-D RPS MARGIN)

MC (3-D) AT 110% POWER 340 RPPD THIS IS THE 4-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.7283	1.2733	1.4391	1.2705	1.4684	1.4027	1.5837	1.4385
9 *	1.2744	1.5262	1.2696	1.5951	1.3755	1.5167	1.3169	1.7450
10 *	1.4441	1.2703	1.4739	1.5388	1.4868	1.2737	1.4921	1.4451
11 *	1.2757	1.5854	1.5382	1.5333	1.3912	1.4289	1.3204	2.0247
12 *	1.4604	1.2747	1.4674	1.3010	1.6235	1.3511	1.7172	
13 *	1.4093	1.5165	1.2757	1.4288	1.3512	1.7091	2.2157	
14 *	1.5589	1.3170	1.4514	1.3206	1.7181	2.2151		
15 *	1.4334	1.7450	1.4451	2.0243				

MC (3-D) AT 110% POWER 340 RPPD THIS IS THE 3-TH LEVEL OF 18

WHERE: LEVEL 18 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4495	1.2112	1.3478	1.1974	1.3742	1.3080	1.4637	1.3781
9 *	1.3123	1.4349	1.1963	1.4914	1.2005	1.4184	1.2508	1.6655
10 *	1.3524	1.1989	1.3761	1.4320	1.3858	1.1979	1.3705	1.3831
11 *	1.1971	1.4915	1.4314	1.4301	1.2233	1.3413	1.2547	1.9274
12 *	1.3674	1.1997	1.3864	1.3332	1.5196	1.2765	1.6245	
13 *	1.3083	1.4162	1.1979	1.3412	1.2765	1.6083	2.0931	
14 *	1.4591	1.2509	1.3708	1.3549	1.6253	2.0925		
15 *	1.3781	1.6654	1.3833	1.9270				



Table 3 (cont.)

CORE OPERATING LIMITS REPORT

M-SUB-C VALUTE (F-SUB-D RES MARGIN)

MC (3-D) AT: 110% POWER 340 EFPD THIS IS THE 2-TH LEVEL OF 19

WHERE: LEVEL 19 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.4579	1.2271	1.3142	1.2130	1.3580	1.7881	1.4546	1.4331
9 *	1.2282	1.4120	1.2107	1.4651	1.2146	1.3945	1.2768	1.6992
10 *	1.9099	1.2117	1.3925	1.3958	1.3617	1.2144	1.3714	1.4410
11 *	1.2126	1.4652	1.3952	1.4006	1.2318	1.3289	1.2866	1.9679
12 *	1.3826	1.2138	1.3523	1.2316	1.4901	1.3005	1.6354	
13 *	1.2084	1.3943	1.2144	1.3287	1.3005	1.6062	2.0989	
14 *	1.4439	1.2767	1.3717	1.2868	1.6362	2.0984		
15 *	1.3132	1.6991	1.4413	1.8678				

MC (X-D) AT: 110% POWER 340 EFPD THIS IS THE 1-TH LEVEL OF 19

WHERE: LEVEL 19 = TOP OF CORE  
 LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	2.0058	1.5617	1.6601	1.5418	1.6850	1.6090	1.8424	1.9800
9 *	1.5410	1.7347	1.5390	1.7965	1.5411	1.7243	1.6147	2.2334
10 *	1.6672	1.5400	1.6713	1.3093	1.6824	1.5468	1.7376	2.0011
11 *	1.8415	1.7966	1.7086	1.7237	1.5603	1.6708	1.6531	2.6051
12 *	1.6759	1.5401	1.6831	1.5601	1.8323	1.6409	2.1139	
13 *	1.6793	1.7241	1.5468	1.6706	1.6410	2.0383	2.7096	
14 *	1.8183	1.6148	1.7380	1.6533	2.1150	2.7088		
15 *	1.9312	2.2134	2.0014	2.6046				

## McGuire 1 Cycle 8 Core Operating Limits Report

### 2.6 Nuclear Enthalpy Rise Hot Channel Factor, $F_{\Delta H}(X,Y,Z)$ (Specification 3/4.2.3)

$$[F_{\Delta H}(X,Y)]^{LCO} = \text{MARP}(X,Y) * [1.0 + (1/RRH) * (1.0 - P)]$$

2.6.1 McGuire 1 Cycle 8 Operating Limit Maximum Allowable Radial Peaks, (MARP(X,Y)), are provided in Table 4.

The following parameters are required for core monitoring per the Surveillance Requirements of Specification 3/4.2.3:

$$[F_{\Delta H}^L(X,Y)]^{SURV} = F_{\Delta H}^D(X,Y) * M_{\Delta H}(X,Y)/(UMR * TILT), \text{ as identified in DPC-NE-2011PA.}$$

where

UMR = Uncertainty value for measured radial peaks, (UMR = 1.04).

TILT = Factor to account for a peaking increase due to an allowable quadrant power tilt ratio, (TILT = 1.02).

2.6.2  $F_{\Delta H}^D(X,Y)$  = the design power distribution for  $F_{\Delta H}$ .  $F_{\Delta H}^D(X,Y)$  is provided in Table 5.

2.6.3  $M_{\Delta H}(X,Y)$  = the margin remaining in core location X,Y to the DNB limit from the transient power distribution.  $M_{\Delta H}(X,Y)$  is provided in Table 6.

2.6.4  $RRH = 3.34$  when  $0.0 < P \leq 1.0$ ,

where  $RRH$  = Thermal Power reduction required to compensate for each 1% that  $F_{\Delta H}(X,Y)$  exceeds its limit,

$$P = \frac{\text{Thermal Power}}{\text{Rated Thermal Power}}$$

2.6.5  $TRF = 0.04$

Table 5

CORE OPERATING LIMITS REPORT

F-DELTA-H DESIGN

FOHD (2-D) AT: 100% POWER 1 EPD

	H	G	F	E	D	C	B	A
8 *	1.9067	1.4102	1.2260	1.4477	1.2740	1.3800	1.1527	1.1332
9 *	1.4037	1.1853	1.4435	1.1695	1.4480	1.1816	1.3521	.9079
10 *	1.2223	1.4437	1.2832	1.2874	1.2555	1.4214	1.2196	1.1190
11 *	1.4468	1.1690	1.2985	1.2623	1.4432	1.2894	1.3404	.7978
12 *	1.2686	1.4454	1.2546	1.4426	1.1074	1.3197	1.0020	
13 *	1.2798	1.1820	1.4013	1.2921	1.3220	.9720	.6730	
14 *	1.1601	1.3526	1.2196	1.4401	1.0010	.6722		
15 *	1.1530	.9081	1.1190	.7978				

FOHD (2-D) AT: 75% POWER 1 EPD

	H	G	F	E	D	C	B	A
8 *	.8299	1.3563	1.2127	1.4494	1.2924	1.4074	1.1689	1.1455
9 *	1.3501	1.1588	1.4377	1.1674	1.4572	1.1894	1.3749	.9208
10 *	1.2058	1.4379	1.2818	1.2874	1.2560	1.4352	1.2477	1.1344
11 *	1.4488	1.1670	1.2983	1.2701	1.4227	1.2966	1.3066	.8159
12 *	1.2858	1.4547	1.2543	1.4221	1.0293	1.2868	.9982	
13 *	1.4074	1.1898	1.4327	1.2872	1.2890	.9537	.6630	
14 *	1.1724	1.3253	1.2475	1.3868	.9874	.6640		
15 *	1.1451	.9208	1.1044	.8160				

Table 5 (cont.)

## CORE OPERATING LIMITS REPORT

## F-DELTA-H DESIGN

FDHD (2-D) AT: 100% POWER 200 EFPD

	H	G	F	E	D	C	B	A
8 *	1.4275	1.4123	1.2799	1.4120	1.2301	1.2739	1.0933	1.0932
9 *	1.4270	1.3198	1.4271	1.1644	1.3943	1.1614	1.2791	.9066
10 *	1.3817	1.4249	1.2662	1.2301	1.2264	1.3807	1.1820	1.0844
11 *	1.4124	1.1541	1.2189	1.2134	1.3924	1.2570	1.2839	.7980
12 *	1.2377	1.3960	1.2057	1.3925	1.1129	1.3001	.9935	
13 *	1.2737	1.1616	1.3808	1.2592	1.3008	1.0078	.7398	
14 *	1.0991	1.2790	1.3918	1.2837	.9928	.7399		
15 *	1.0832	.9068	1.0843	.7982				

FDHD (2-D) AT: 75% POWER 200 EFPD

	H	G	F	E	D	C	B	A
8 *	.9123	1.3934	1.2734	1.4306	1.2546	1.3037	1.1155	1.1089
9 *	1.3904	1.2052	1.4375	1.1614	1.4149	1.1764	1.3116	.9311
10 *	1.2671	1.4383	1.2643	1.2402	1.2240	1.3984	1.2137	1.1074
11 *	1.4311	1.1611	1.2409	1.2066	1.3563	1.2532	1.2954	.8128
12 *	1.2623	1.4167	1.2234	1.3564	.9942	1.2449	.9817	
13 *	1.3834	1.1765	1.3984	1.2534	1.2456	.9720	.7210	
14 *	1.1215	1.3115	1.2135	1.2953	.9810	.7212		
15 *	1.1098	.9312	1.1072	.8130				

Table 5 (cont.)

CORE OPERATING LIMITS REPORT

F-DELTA-H DESIGN

PDHD (2-D) AT: 100% POWER 340 EFPO

	H	G	F	E	D	C	B	A
8 *	1.0306	1.4750	1.2411	1.3624	1.2622	1.2297	1.0937	1.0763
9 *	1.2739	1.1624	1.3764	1.1185	1.3474	1.3507	1.2549	.9215
10 *	1.2276	1.3760	1.2229	1.3752	1.1978	1.3432	1.1702	1.0802
11 *	1.1627	1.1184	1.1757	1.3818	.3488	1.2249	1.2591	.8104
12 *	1.2087	1.3483	1.1974	1.3499	1.1126	1.2789	1.0627	
13 *	1.2294	1.1509	1.7432	1.2365	1.2788	1.0288	.7845	
14 *	1.0272	1.2548	1.1699	1.2598	1.0022	.7847		
15 *	1.0762	.9215	1.3699	.8106				

PDHD (2-D) AT: 75% POWER 380-EPPO

	H	G	F	E	D	C	B	A
8 *	.9915	1.3337	1.2464	1.3913	1.2355	1.2780	1.1172	1.1146
9 *	1.3325	1.1697	1.3949	1.1315	1.3774	1.1751	1.2987	.9565
10 *	1.2410	1.3940	1.2446	1.1857	1.1951	1.1653	1.2084	1.1116
11 *	1.1815	1.1314	1.1862	1.1654	1.2975	1.2230	1.1694	.8293
12 *	1.2423	1.3783	1.1946	1.2977	.9499	1.2032	.9820	
13 *	1.2778	1.1753	1.3853	1.2231	1.2031	.9798	.7580	
14 *	1.1280	1.2986	1.2081	1.2692	.9815	.7582		
15 *	1.1145	.9565	1.1114	.8294				

Table 6

CORE OPERATING LIMITS REPORT

M-DELTA-H VALUES (F-DELTA-H MARGIN)

MH (2-D) AT: 100% POWER 4 EFDD

	H	G	F	E	D	C	B	A
8 *	1.6100	1.0849	1.2084	1.0251	1.1236	1.0485	1.2315	1.2261
9 *	1.0900	1.3549	1.0219	1.2314	1.0197	1.2365	1.0620	1.5229
10 *	1.2165	1.0217	1.1325	1.1244	1.1993	1.0482	1.1870	1.2793
11 *	1.0257	1.2319	1.1014	1.1916	1.0454	1.1590	1.1215	1.7649
12 *	1.1284	1.0215	1.3004	1.0458	1.3540	1.1255	1.4485	
13 *	1.0487	1.2261	1.0478	1.1585	1.1236	1.4906	2.1059	
14 *	1.2237	1.0617	1.1872	1.1215	1.4499	2.1052		
15 *	1.2263	1.5226	1.2791	1.7643				

MH (2-D) AT: 75% POWER 4 EFDD

	H	G	F	E	D	C	B	A
8 *	2.0115	1.3311	1.4732	1.2070	1.3242	1.1883	1.3931	1.4091
9 *	1.3373	1.5744	1.2423	1.4855	1.1870	1.4082	1.2214	1.7353
10 *	1.4819	1.2420	1.3635	1.3443	1.4049	1.2227	1.3597	1.4336
11 *	1.2077	1.4862	1.3432	1.4161	1.2377	1.3934	1.2270	2.0474
12 *	1.3299	1.1891	1.4072	1.2382	1.5624	1.3355	1.7079	
13 *	1.1885	1.4078	1.2222	1.3928	1.3332	1.7426	2.4885	
14 *	1.3842	1.2210	1.3599	1.2970	1.7095	2.4878		
15 *	1.4094	1.7349	1.4337	2.0471				

Table 6 (cont.)

CORE OPERATING LIMITS REPORT

M-DELTA-H VALUES (F-DELTA-H MARGIN)

MH (2-D) AT: 100% POWER 200 KPPD

	H	G	F	E	D	C	B	A
8 *	1.4380	1.0428	1.1639	1.0289	1.1496	1.0920	1.2507	1.2432
9 *	1.0451	1.2176	1.0352	1.0434	1.0294	1.2057	1.0854	1.4809
10 *	1.1937	1.0367	1.1447	1.1368	1.1961	1.0530	1.1988	1.2876
11 *	1.0756	1.2437	1.1083	1.0008	1.0481	1.1540	1.1297	1.7217
12 *	1.1426	1.0282	1.1967	1.0481	1.2816	1.1030	1.4238	
13 *	1.0922	1.2055	1.0530	1.1539	1.1024	1.3966	1.0712	
14 *	1.2441	1.0855	1.1891	1.1298	1.4247	1.8707		
15 *	1.2433	1.4808	1.2814	1.7214				

MH (2-D) AT: 75% POWER 200 KPPD

	H	G	F	E	D	C	B	A
8 *	1.2963	1.2791	1.3748	1.2115	1.3318	1.2507	1.4324	1.4426
9 *	1.2819	1.4741	1.2367	1.4560	1.2043	1.3958	1.2602	1.7178
10 *	1.3815	1.2416	1.3378	1.0724	1.4019	1.2230	1.3650	1.4372
11 *	1.2111	1.4563	1.3748	1.4374	1.2698	1.3801	1.3042	1.9883
12 *	1.3236	1.2029	1.4026	1.2697	1.5704	1.3372	1.7237	
13 *	1.2509	1.3955	1.2229	1.3789	1.3365	1.7010	2.2860	
14 *	1.4250	1.2602	1.3653	1.1043	1.7237	2.2855		
15 *	1.4427	1.7178	1.4374	1.9879				

Table 6 (cont.)

CORE OPERATING LIMITS REPORT

M-DELTA-H VALUES (F-DELTA-H MARGIN)

MH (2-D) AT: 100% POWER 340 EFPL

	H	G	F	E	D	C	B	A
8 *	1.3986	1.0652	1.1627	1.0344	1.1410	1.0904	1.2327	1.2346
9 *	1.0661	1.2243	1.0443	1.2443	1.0986	1.1835	1.0851	1.4366
10 *	1.1677	1.0449	1.1503	1.2005	1.1973	1.0608	1.1773	1.2527
11 *	1.0342	1.2444	1.2000	1.2050	1.3681	1.1579	1.1411	1.6762
12 *	1.1348	1.0379	1.1979	1.0679	1.2636	1.1147	1.4027	
13 *	1.0906	1.1934	1.0608	1.1578	1.1147	1.3615	1.7612	
14 *	1.2287	1.0857	1.1773	1.1413	1.4034	1.7607		
15 *	1.2346	1.4366	1.2529	1.6759				

MH (2-D) AT: 75% POWER 340 EFPL

	H	G	F	E	D	C	B	A
8 *	1.6456	1.2448	1.3709	1.1974	1.3035	1.2551	1.4230	1.4277
9 *	1.2459	1.4338	1.2289	1.4531	1.1894	1.3563	1.2562	1.6720
10 *	1.3768	1.2297	1.3466	1.3805	1.3793	1.2036	1.3258	1.4123
11 *	1.1971	1.4532	1.3799	1.4021	1.2320	1.3292	1.2803	1.8885
12 *	1.2964	1.1886	1.3799	1.2318	1.4493	1.2770	1.6205	
13 *	1.2553	1.3562	1.2036	1.3261	1.2770	1.5675	2.0553	
14 *	1.4184	1.2563	1.3261	1.2801	1.6213	2.0547		
15 *	1.4278	1.6720	1.4125	1.8881				