

Catawba Nuclear Station COLR

Catawba Unit 1

Core Operating Limits Report

October 1992

Duke Power Company

QA CONDITION 1

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Catawba Unit 1 Core Operating Limits Report

INSERTION SHEET

Remove

Revision 0, Pages 1-4

Revision 0, Pages 100-135

Revision 0, Pages 294-295

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Catawba 1 Cycle 7 Core Operating Limits Report

REVISION LOG

<u>Revision</u>	<u>Effective Date</u>	<u>Effective Pages</u>
Revision 1	26 October 1992	Pages 1-4
Original Issue	8 September 1992	Pages 5-99
Revision 1	26 October 1992	Pages 100-135
Original Issue	8 September 1992	Pages 136-293
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Catawba 1 Cycle 7 Core Operating Limits Report

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TABLE 2A
CORE OPERATING LIMITS REPORT
V-SUB-Q DESIGN

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

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

	H	G	F	E	D	C	B	A
8 *	.5292	.7706	.7046	.7921	.6542	.6588	.5242	.4813
9 *	.7701	.8001	.8560	.6920	.7796	.7177	.6630	.4992
10 *	.7057	.8542	.7995	.8162	.7121	.7315	.6414	.4953
11 *	.8031	.7139	.8202	.7519	.7215	.7010	.6243	.4318
12 *	.6708	.7831	.7146	.7224	.5051	.5941	.5197	
13 *	.6672	.7228	.7349	.7028	.5950	.5325	.4358	
14 *	.5302	.6689	.6469	.6270	.5200	.4364		
15 *	.4891	.5051	.5029	.4349				

FQD (3-D) AT: 100% POWER 4 EFPD THIS IS LEVEL 17 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.9453	1.2292	1.0204	1.1441	.9160	.9926	.7752	.7965
9 *	1.2283	1.2171	1.2745	.9724	1.1361	1.0881	1.0730	.7882
10 *	1.0224	1.2728	1.2069	1.2366	1.0044	1.1099	1.0008	.8291
11 *	1.1636	1.0098	1.2434	1.1472	1.1391	1.0947	1.0241	.6617
12 *	.9401	1.1428	1.0082	1.1363	.9247	1.0307	.8168	
13 *	1.0056	1.0961	1.1154	1.0975	1.0321	.8624	.6857	
14 *	.7842	1.0827	1.0096	1.0285	.8173	.6867		
15 *	.8099	.7978	.8420	.6667				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

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

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

	H	G	F	E	D	C	B	A
8 *	1.1076	1.4417	1.1655	1.3301	1.0279	1.1465	.8919	.9777
9 *	1.4406	1.4218	1.5077	1.0993	1.3299	1.2822	1.3128	.9471
10 *	1.1679	1.5058	1.4090	1.4351	1.1327	1.3363	1.2016	1.0279
11 *	1.3524	1.1438	1.4431	1.3472	1.3755	1.3168	1.2666	.7824
12 *	1.0953	1.3381	1.1371	1.3768	1.1324	1.2924	.9760	
13 *	1.1616	1.2917	1.3429	1.3301	1.2942	1.0502	.8157	
14 *	.9025	1.3248	1.2122	1.2721	.9767	.8169		
15 *	.9944	.9588	1.0443	.7884				

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

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

	H	G	F	E	D	C	B	A
8 *	1.1698	1.5426	1.2361	1.4301	1.0828	1.2267	.9540	1.0820
9 *	1.5413	1.5256	1.6352	1.1653	1.4375	1.3918	1.4556	1.0376
10 *	1.2384	1.6336	1.5141	1.5368	1.1983	1.4717	1.3197	1.1458
11 *	1.4532	1.2114	1.5449	1.4547	1.5137	1.4469	1.4137	.8499
12 *	1.1114	1.4458	1.2027	1.5150	1.2380	1.4477	1.0646	
13 *	1.242	1.4020	1.4789	1.4506	1.4497	1.1591	.8859	
14 *	.9654	1.4689	1.3315	1.4199	1.0654	.8872		
15 *	1.1008	1.0506	1.1644	.3566				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

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

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

	H	G	F	E	D	C	B	A
8 *	1.1991	1.5976	1.2745	1.4880	1.1144	1.2759	.9921	1.1459
9 *	1.5962	1.5842	1.7117	1.2039	1.5023	1.4614	1.5472	1.0930
10 *	1.2762	1.7083	1.5760	1.5976	1.2376	1.5580	1.3960	1.2193
11 *	1.5105	1.2499	1.6053	1.5199	1.5991	1.5304	1.5082	.8909
12 *	1.1432	1.5099	1.2418	1.6003	1.3011	1.5462	1.1184	
13 *	1.2923	1.4717	1.5654	1.5342	1.5482	1.2264	.9267	
14 *	1.0039	1.5614	1.4085	1.5148	1.1192	.9280		
15 *	1.1660	1.1068	1.2393	.8979				

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

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

	H	G	F	E	D	C	B	A
8 *	1.2145	1.6319	1.2967	1.5241	1.1336	1.3090	1.0160	1.1876
9 *	1.6304	1.6212	1.7604	1.2275	1.9446	1.5092	1.6111	1.1290
10 *	1.2978	1.7561	1.6165	1.6387	1.2628	1.6174	1.4489	1.2679
11 *	1.5455	1.2730	1.6459	1.5638	1.6567	1.5883	1.5735	.9167
12 *	1.1621	1.5513	1.2666	1.6578	1.3427	1.6139	1.1530	
13 *	1.3294	1.5195	1.6248	1.5922	1.6160	1.2707	.9514	
14 *	1.0288	1.6257	1.4619	1.5804	1.1538	.9527		
15 *	1.2086	1.1433	1.2890	.9240				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

PQD (3-D) AT: 100% PWR 4 EFPD THIS IS LEVEL 12 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.2214	1.6543	1.3085	1.5466	1.1439	1.3308	1.0321	1.2154
9 *	1.6526	1.6453	1.7933	1.2410	1.5725	1.5427	1.6577	1.1524
10 *	1.3091	1.7881	1.6438	1.6675	1.2781	1.6600	1.4867	1.3013
11 *	1.5669	1.2859	1.6741	1.5943	1.6975	1.6302	1.6209	.9327
12 *	1.1718	1.5783	1.2815	1.6985	1.3707	1.6633	1.1751	
13 *	1.3471	1.5529	1.6674	1.6340	1.6654	1.3003	.9657	
14 *	1.0441	1.6727	1.5001	1.6280	1.1759	.9670		
15 *	1.2371	1.1670	1.3231	.9401				

PQD (3-D) AT: 100% POWER 4 EFPD THIS IS LEVEL 11 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.2211	1.6671	1.3120	1.5588	1.1466	1.3433	1.0397	1.2332
9 *	1.6652	1.6594	1.8145	1.2462	1.5895	1.5650	1.6416	1.1665
10 *	1.3170	1.8087	1.6608	1.6860	1.2848	1.6903	1.5131	1.3237
11 *	1.5778	1.2905	1.6922	1.6144	1.7261	1.6598	1.6555	.9411
12 *	1.1738	1.5944	1.2878	1.7270	1.3884	1.6997	1.1879	
13 *	1.3593	1.5749	1.6976	1.6637	1.7018	1.3352	.9721	
14 *	1.0517	1.7070	1.5267	1.6627	1.1886	.9734		
15 *	1.2554	1.1813	1.3460	.9436				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

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

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

	H	G	F	E	D	C	B	A
8 *	1.2141	1.6709	1.3080	1.5618	1.1421	1.3469	1.0403	1.2425
9 *	1.6689	1.6642	1.8256	1.2439	1.5966	1.5770	1.7149	1.1724
10 *	1.3074	1.8191	1.6682	1.6949	1.2834	1.7098	1.5294	1.3368
11 *	1.5794	1.2874	1.7006	1.6248	1.7441	1.6788	1.6792	.9430
12 *	1.1685	1.6006	1.2861	1.7448	1.3970	1.7252	1.1925	
13 *	1.3626	1.5866	1.7110	1.6826	1.7273	1.3290	.9717	
14 *	1.0523	1.7303	1.5431	1.6865	1.1932	.5730		
15 *	1.2650	1.1874	1.3596	.9505				

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

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

	H	G	F	E	D	C	B	A
8 *	1.2004	1.6656	1.2964	1.5557	1.1308	1.3418	1.0342	1.2437
9 *	1.6634	1.6599	1.8266	1.2343	1.5941	1.5790	1.7273	1.1706
10 *	1.2954	1.8194	1.6660	1.6940	1.2742	1.7187	1.5358	1.3412
11 *	1.5720	1.2768	1.6991	1.6255	1.7515	1.6872	1.6923	.9387
12 *	1.1562	1.5973	1.2765	1.7522	1.3969	1.7400	1.1894	
13 *	1.3572	1.5883	1.7258	1.6910	1.7422	1.3300	.9650	
14 *	1.0460	1.7428	1.5496	1.6997	1.1901	.9662		
15 *	1.2663	1.1856	1.3643	.9462				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 4 EFPD THIS IS LEVEL 8 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.1800	1.6507	1.2774	1.5405	1.1124	1.3277	1.0211	1.2363
9 *	1.6484	1.6460	1.8170	1.2174	1.5817	1.5704	1.7282	1.1608
10 *	1.2759	1.8093	1.6539	1.6828	1.2568	1.7164	1.5317	1.3363
11 *	1.5554	1.2585	1.6873	1.6160	1.7479	1.6845	1.6941	.9281
12 *	1.1369	1.5840	1.2588	1.7485	1.3876	1.7434	1.1784	
13 *	1.3426	1.5793	1.7233	1.6882	1.7456	1.3221	.9518	
14 *	1.0375	1.7436	1.5455	1.7015	1.1790	.9531		
15 *	1.2590	1.1757	1.3595	.9364				

FQD (3-D) AT: 100% POWER 4 EFPD THIS IS LEVEL 7 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.1529	1.6259	1.2507	1.5156	1.0869	1.3039	1.0004	1.2192
9 *	1.5236	1.6220	1.7961	1.1910	1.5585	1.5501	1.7156	1.1419
10 *	1.2487	1.7880	1.6311	1.6605	1.2310	1.7013	1.5156	1.3200
11 *	1.5290	1.2325	1.6645	1.5955	1.7318	1.6690	1.6828	.9105
12 *	1.1102	1.5600	1.2327	1.7323	1.3681	1.7337	1.1586	
13 *	1.3183	1.5586	1.7081	1.6726	1.7358	1.3040	.9318	
14 *	1.0117	1.7309	1.5292	1.6902	1.1552	.9330		
15 *	1.2417	1.1566	1.3440	.9177				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 100% POWER 4 EFID THIS IS LEVEL 6 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.1192	1.5909	1.2161	1.4800	1.0539	1.2695	.9712	1.1902
9 *	1.5885	1.5872	1.7625	1.1601	1.5231	1.5161	1.6864	1.1122
10 *	1.2138	1.7540	1.5968	1.6265	1.1963	1.6709	1.4850	1.2923
11 *	1.4921	1.1982	1.6299	1.5626	1.7011	1.6384	1.6553	.8848
12 *	1.0759	1.5239	1.1976	1.7015	1.3371	1.7076	1.1289	
13 *	1.2832	1.5243	1.6774	1.6419	1.7097	1.2741	9040	
14 *	.9820	1.7015	1.4985	1.6626	1.1294	.9052		
15 *	1.2124	1.1266	1.3152	.8918				

FQD (3-D) AT: 100% POWER 4 EFID THIS IS LEVEL 5 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.0789	1.5447	1.1731	1.4320	1.0126	1.2227	.9318	1.1455
9 *	1.5422	1.5401	1.7131	1.1186	1.4731	1.4655	1.6351	1.0687
10 *	1.1704	1.7042	1.5488	1.5792	1.1519	1.6204	1.4359	1.2461
11 *	1.4426	1.1549	1.5821	1.5153	1.6517	1.5886	1.6058	.8491
12 *	1.0334	1.4732	1.1529	1.6520	1.2921	1.6597	1.0869	
13 *	1.2357	1.4732	1.6266	1.5920	1.6617	1.2289	.8667	
14 *	.9421	1.6498	1.4489	1.6128	1.0875	.8679		
15 *	1.1670	1.0826	1.2683	.8558				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

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

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

	H	G	F	E	D	C	B	A
8 *	1.0309	1.4834	1.1195	1.3666	.9622	1.1607	.8796	1.0775
9 *	1.4809	1.4754	1.6399	1.0662	1.4026	1.3923	1.5508	1.0055
10 *	1.1165	1.6308	1.4820	1.5145	1.0964	1.5408	1.3606	1.1733
11 *	1.3756	1.1003	1.5169	1.4483	1.5751	1.5119	1.5233	.7998
12 *	.9813	1.4020	1.0971	1.5753	1.2287	1.5790	1.0287	
13 *	1.4728	1.3993	1.5465	1.5151	1.5809	1.1621	.8169	
14 *	.8892	1.5646	1.3728	1.5299	1.0291	.8180		
15 *	1.0977	1.0185	1.1942	.8061				

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

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

	H	G	F	E	D	C	B	A
8 *	.9687	1.3921	1.0478	1.2702	.8974	1.0744	.8084	.9703
9 *	1.3896	1.3774	1.5222	.9966	1.2972	1.2828	1.4110	.9102
10 *	1.0445	1.5132	1.3806	1.4179	1.0246	1.4129	1.2431	1.0557
11 *	1.2771	1.0272	1.4196	1.3468	1.4524	1.3914	1.3851	.7290
12 *	.9146	1.2958	1.0250	1.4525	1.1374	1.4424	.9443	
13 *	1.0853	1.2890	1.4179	1.3942	1.4441	1.0508	.7465	
14 *	.8171	1.4235	1.2542	1.3911	.9446	.7474		
15 *	.9884	.9219	1.0745	.7346				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

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

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

	H	G	F	E	D	C	B	A
8 *	.8647	1.2206	.9311	1.1074	.7993	.9327	.6994	.7910
9 *	1.2183	1.1992	1.3132	.8867	1.1215	1.1004	1.1694	.7552
10 *	.9275	1.3047	1.1990	1.2403	.9143	1.1976	1.0472	.3576
11 *	1.1116	.9112	1.2411	1.1673	1.2423	1.1867	1.1457	.6167
12 *	.8138	1. 193	.9143	1.2423	.9911	1.2022	.8070	
13 *	.9418	1.1054	1.2017	1.1891	1.2036	.8897	.6326	
14 *	.7068	1.1797	1.0564	1.1506	.8072	.6333		
15 *	.8056	.7648	.8727	.6213				

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

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

	H	G	F	E	D	C	B	A
8 *	.6195	.8314	.6770	.8040	.5908	.6367	.4864	.4818
9 *	.8298	.8193	.9309	.6504	.8049	.7469	.7445	.4810
10 *	.6741	.9243	.8182	.8448	.6754	.8332	.6884	.5192
11 *	.8056	.6656	.8448	.7947	.8743	.7999	.7272	.4099
12 *	.6011	.8026	.6752	.8743	.7029	.7717	.5436	
13 *	.6428	.7501	.8359	.8015	.7725	.5768	.4156	
14 *	.4915	.7509	.6944	.7303	.5437	.4161		
15 *	.4905	.4871	.5282	.4128				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 18 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.5823	.8748	.7808	.8852	.7202	.7386	.5784	.5320
9 *	.8744	.9094	.9744	.7658	.8762	.8124	.7544	.5521
10 *	.7827	.9731	.9082	.9287	.7966	.8360	.7286	.5517
11 *	.8992	.7947	.9338	.8572	.8245	.8012	.7103	.4716
12 *	.7397	.8816	.8001	.8258	.5627	.6774	.5729	
13 *	.7491	.8192	.8407	.8038	.6786	.5937	.4729	
14 *	.5858	.7621	.7357	.7139	.5734	.4737		
15 *	.5417	.5594	.5610	.4748				

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 17 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.0340	1.3800	1.1162	1.2585	.9947	1.1008	.8459	.8743
9 *	1.3793	1.3676	1.4289	1.0607	1.2579	1.2197	1.2101	.8654
10 *	1.1192	1.4279	1.3568	1.3921	1.1073	1.2512	1.1273	.9177
11 *	1.2813	1.1080	1.4007	1.2936	1.2789	1.2399	1.1554	.7165
12 *	1.0224	1.2671	1.1124	1.2805	1.0267	1.1649	.8932	
13 *	1.1167	1.2302	1.2585	1.2438	1.1668	.9540	.7392	
14 *	.8569	1.2226	1.1384	1.1612	.8341	.7403		
15 *	.8910	.8771	.9334	.7225				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 16 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.1944	1.5971	1.2571	1.4438	1.1002	1.2552	.9613	1.0637
9 *	1.5962	1.5764	1.6691	1.1820	1.4539	1.4200	1.4655	1.0298
10 *	1.2605	1.6680	1.5634	1.5945	1.2303	1.4895	1.3384	1.1274
11 *	1.4706	1.2367	1.6043	1.4998	1.5318	1.4744	1.4149	.8393
12 *	1.1311	1.4648	1.2360	1.5336	1.2426	1.4463	1.0566	
13 *	1.2733	1.4323	1.4981	1.4790	1.4487	1.1503	.8715	
14 *	.9740	1.4808	1.3517	1.4221	1.0577	.8728		
15 *	1.0838	1.0439	1.1471	.8465				

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 15 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.2427	1.6839	1.3142	1.5310	1.1426	1.3247	1.0152	1.1641
9 *	1.6828	1.6671	1.7867	1.2352	1.5506	1.5212	1.6054	1.1154
10 *	1.3174	1.7849	1.6561	1.6831	1.2830	1.6200	1.4515	1.2426
11 *	1.5584	1.2910	1.6929	1.5970	1.6643	1.5995	1.5606	.9019
12 *	1.1743	1.5616	1.2835	1.6662	1.3410	1.6011	1.1393	
13 *	1.3436	1.5340	1.6292	1.6043	1.6036	1.2551	.9365	
14 *	1.0286	1.6221	1.4661	1.5686	1.1406	.9380		
15 *	1.1863	1.1309	1.2647	.9097				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 14 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.2546	1.7170	1.3352	1.5703	1.1594	1.3582	1.0418	1.2172
9 *	1.7158	1.7047	1.8419	1.2580	1.5979	1.5747	1.6834	1.1602
10 *	1.3378	1.8391	1.6979	1.7233	1.3059	1.6915	1.5143	1.3054
11 *	1.5965	1.3125	1.7325	1.6440	1.7337	1.6681	1.6426	.9340
12 *	1.1907	1.6079	1.3111	1.7355	1.3899	1.6870	1.1818	
13 *	1.3772	1.5876	1.7009	1.6731	1.6897	1.3110	.9682	
14 *	1.0554	1.7008	1.5294	1.6510	1.1831	.9697		
15 *	1.2406	1.1763	1.3288	.9421				

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 13 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.2511	1.7257	1.3331	1.5845	1.1624	1.3727	1.0528	1.2440
9 *	1.7243	1.7166	1.8650	1.2639	1.6186	1.6018	1.7267	1.1818
10 *	1.3399	1.8612	1.7140	1.7398	1.3128	1.7299	1.5482	1.3384
11 *	1.6090	1.3167	1.7482	1.6651	1.7693	1.7051	1.6884	.9485
12 *	1.1929	1.6275	1.3175	1.7709	1.4133	1.7349	1.2018	
13 *	1.3913	1.6144	1.7392	1.7100	1.7376	1.3393	.9813	
14 *	1.0664	1.7444	1.5637	1.6970	1.2030	.9828		
15 *	1.2679	1.1982	1.3625	.9568				

TABLE 2A
CORE OPERATING LIMITS REPORT
F- 3-Q DESIGN

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 12 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.2384	1.7202	1.3295	1.5833	1.1557	1.3738	1.0529	1.2542
9 *	1.7186	1.7132	1.8691	1.2586	1.6225	1.6115	1.7484	1.1886
10 *	1.3307	1.8645	1.7143	1.7413	1.3082	1.7474	1.5634	1.3529
11 *	1.6059	1.3096	1.7489	1.6700	1.7841	1.7218	1.7117	.9516
12 *	1.1850	1.6302	1.3125	1.7655	1.4205	1.7595	1.2071	
13 *	1.3920	1.6236	1.7565	1.7266	1.7621	1.3500	.9824	
14 *	1.0663	1.7661	1.5789	1.7203	1.2083	.9839		
15 *	1.2784	1.2051	1.3774	.9599				

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 11 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.2184	1.7038	1.3122	1.5705	1.1409	1.3642	1.0445	1.2527
9 *	1.7020	1.6984	1.8596	1.2444	1.6138	1.6076	1.7542	1.1845
10 *	1.3128	1.8542	1.7026	1.7307	1.2944	1.7497	1.5645	1.3513
11 *	1.5914	1.2936	1.7377	1.6625	1.7839	1.7233	1.7188	.9461
12 *	1.1690	1.6204	1.2981	1.7852	1.4156	1.7676	1.2017	
13 *	1.3818	1.6191	1.7584	1.7281	1.7702	1.3480	.9747	
14 *	1.0576	1.7718	1.5799	1.7274	1.2023	.9762		
15 *	1.2770	1.2009	1.3789	.9543				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

PQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 10 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1919	1.6778	1.2874	1.5481	1.1190	1.3453	1.0237	1.2418
9 *	1.6759	1.6737	1.8388	1.3227	1.5946	1.5922	1.7470	1.1716
10 *	1.2873	1.8328	1.6806	1.7096	1.2722	1.7393	1.5539	1.3452
11 *	1.5672	1.2698	1.7159	1.6441	1.7714	1.7124	1.7129	.9337
12 *	1.1458	1.6000	1.2755	1.7725	1.4008	1.7625	1.1874	
13 *	1.3622	1.6033	1.7478	1.7170	1.7650	1.3359	.9600	
14 *	1.0414	1.7644	1.5691	1.7214	1.1885	.9614		
15 *	1.2659	1.1878	1.3697	.9417				

PQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 9 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1595	1.6429	1.2557	1.5171	1.0908	1.3177	1.0064	1.2226
9 *	1.6409	1.6399	1.8077	1.1943	1.5657	1.5665	1.7280	1.1509
10 *	1.2551	1.8012	1.6489	1.6785	1.2426	1.7176	1.5327	1.3270
11 *	1.5343	1.2391	1.6841	1.6157	1.7476	1.6900	1.6954	.9151
12 *	1.1162	1.5701	1.2454	1.7487	1.3770	1.7455	1.1654	
13 *	1.3339	1.5770	1.7257	1.6945	1.7480	1.3147	.9390	
14 *	1.0187	1.7451	1.5477	1.7037	1.1664	.9404		
15 *	1.2463	1.1668	1.3513	.9230				

TABLE 2A
CORE OPERATING LIMITS REPORT
P-SUB-Q DESIGN

POD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 8 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.1217	1.5997	1.2178	1.4779	1.0567	1.2821	.9778	1.1953
9 *	1.5976	1.5977	1.7670	1.1595	1.5277	1.5308	1.6975	1.1227
10 *	1.2167	1.7600	1.6082	1.6380	1.2059	1.6848	1.5014	1.2999
11 *	1.4934	1.2020	1.6428	1.5779	1.7131	1.6567	1.6665	.8908
12 *	1.0807	1.5311	1.2083	1.7140	1.3447	1.7170	1.1361	
13 *	1.2974	1.5407	1.6925	1.6610	1.7195	1.2851	.9123	
14 *	.9896	1.7141	1.5160	1.67	.1370	.9136		
15 *	1.2186	1.1382	1.3238	.89				

POD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 7 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.0791	1.5486	1.1740	1.4310	1.0171	1.2385	.9431	1.1597
9 *	1.5464	1.5475	1.7168	1.1189	1.4808	1.4850	1.6549	1.0868
10 *	1.1725	1.7094	1.5588	1.5883	1.1625	1.6406	1.4595	1.2636
11 *	1.4447	1.1589	1.5925	1.5308	1.6677	1.6121	1.6258	.8606
12 *	1.0396	1.4833	1.1645	1.6685	1.3038	1.6765	1.09 4	
13 *	1.2530	1.4043	1.6480	1.6162	1.6788	1.2467	.8799	
14 *	.9544	1.6710	1.4737	1.6338	1.1003	.8812		
15 *	1.1823	1.1018	1.2869	.8680				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 6 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.322	1.49	1.1249	1.3763	.9722	1.1868	.9019	1.1145
9 *	1.4881	1.6894	1.6569	1.0726	1.4246	1.4285	1.5984	1.0424
10 *	1.1230	1.6492	1.5008	1.5297	1.1126	1.5839	1.4059	1.2166
11 *	1.3884	1.1100	1.5333	1.4742	1.6104	1.5552	1.5715	.8242
12 *	.9931	1.4262	1.1142	1.6110	1.2539	1.6223	1.0550	
13 *	1.2003	1.4371	1.5908	1.5590	1.6245	1.1989	.8416	
14 *	.9125	1.6139	1.4194	1.5791	1.0558	.8428		
15 *	1.1363	1.0567	1.2391	.8312				

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 5 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9817	1.4247	1.0704	1.3129	.9220	1.1263	.8533	1.0571
9 *	1.4225	1.4230	1.5855	1.0203	1.3577	1.3594	1.5244	.9873
10 *	1.0682	1.5777	1.4333	1.4620	1.0563	1.5114	1.3377	1.1556
11 *	1.3233	1.0552	1.4650	1.4071	1.5387	1.4834	1.4996	.7803
12 *	.9413	1.3585	1.0576	1.5392	1.1936	1.5506	1.0015	
13 *	1.1389	1.3672	1.5178	1.4869	1.5527	1.1392	.7963	
14 *	.8633	1.5290	1.3506	1.5068	1.0022	.7974		
15 *	1.0778	1.0008	1.1770	.7869				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 4 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.9269	1.3494	1.0093	1.2371	.8658	1.0551	.7955	.9814
9 *	1.3472	1.3445	1.4966	.9610	1.2757	1.2734	1.4242	.9171
10 *	1.0068	1.4887	1.3525	1.3825	.9929	1.4163	1.2493	1.0735
11 *	1.2458	.9930	1.3849	1.3259	1.4462	1.3909	1.4016	.7261
12 *	.8834	1.2758	.9938	1.4465	1.1199	1.4529	.9359	
13 *	1.0666	1.2804	1.4221	1.3942	1.4548	1.0629	.7417	
14 *	.8047	1.4377	1.2612	1.4082	.9365	.7427		
15 *	1.0005	.9295	1.0933	.7322				

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 3 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	.86.6	1.2518	.9354	1.1376	.7998	.9660	.7237	.8739
9 *	1.249	1.2406	1.3727	.8895	1.1667	1.1592	1.2792	.8212
10 *	.9326	1.3618	1.2452	1.2790	.9184	1.2824	1.1274	.9549
11 *	1.1442	.9178	1.2807	1.2182	1.3169	1.2639	1.2582	.6552
12 *	.8154	1.1659	.9189	1.3172	1.0249	1.3100	.8500	
13 *	.9762	1.1653	1.2874	1.2667	1.3117	.9585	.6710	
14 *	.7319	1.2912	1.1380	1.2641	.8505	.6719		
15 *	.8908	.8323	.9724	.6606				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 2 OF 18

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

	H	G	F	E	D	C	B	A

8 *	.7649	1.0879	.8251	.9836	.7074	.8315	.6214	.7062
9 *	1.0859	1.0704	1.1730	.7858	.9998	.9851	1.0494	.6756
10 *	.8221	1.1655	1.0716	1.1085	.8132	1.0760	.9406	.7687
11 *	.9877	.8611	1.1094	1.0460	1.1191	1.0672	1.0302	.5500
12 *	.7205	.9981	.8134	1.1153	.8855	1.0805	.7206	
13 *	.8400	.9900	1.0800	1.0695	1.0819	.7975	.5643	
14 *	.6283	1.0590	.9493	1.0349	.7210	.5650		
15 *	.7197	.6846	.7826	.5543				

FQD (3-D) AT: 75% POWER 4 EFPD THIS IS LEVEL 1 OF 18

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

	H	G	F	E	D	C	B	A

8 *	.5461	.7366	.5972	.7099	.5207	.5645	.4304	.4275
9 *	.7352	.7158	.8256	.5739	.7130	.6644	.6632	.4277
10 *	.5947	.8198	.7267	.7503	.5981	.7430	.6142	.4624
11 *	.7116	.5875	.7504	.7076	.7791	.7143	.6492	.3637
12 *	.5300	.7111	.5980	.7792	.6245	.6885	.4829	
13 *	.5701	.6674	.7457	.7158	.6893	.5139	.3687	
14 *	.4350	.6692	.6198	.6521	.4830	.3692		
15 *	.4355	.4333	.4705	.3664				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 18 OF 18

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

	H	G	F	E	D	C	B	A

8 *	.6331	.9839	.8548	.9777	.7831	.8196	.6313	.5821
9 *	.9836	1.0243	1.0996	.8372	.9747	.9115	.8517	.6048
10 *	.8575	1.0989	1.0223	1.0476	.8813	.9485	.8212	.6086
11 *	.9952	.8739	1.0542	.9693	.9352	.9092	.8019	.5090
12 *	.8056	.9823	.8860	.9370	.6206	.7668	.6255	
13 *	.8325	.9205	.9549	.9128	.7684	.6560	.5085	
14 *	.6404	.8618	.8302	.8067	.6264	.5094		
15 *	.5938	.6138	.6200	.5137				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 17 OF 18

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

	H	G	F	E	D	C	B	A

8 *	1.1169	1.5343	1.2064	1.3690	1.0672	1.2086	.9135	.9515
9 *	1.5337	1.5222	1.5879	1.1433	1.3789	1.3553	1.3545	.9417
10 *	1.2105	1.5878	1.5112	1.5533	1.2073	1.4003	1.2597	1.0068
11 *	1.3964	1.2013	1.1639	1.4464	1.4300	1.3942	1.2939	.7693
12 *	1.0986	1.3912	1.2138	1.4323	1.1286	1.3073	.9682	
13 *	1.2277	1.3688	1.4100	1.3995	1.3098	1.0464	.7903	
14 *	.267	1.3706	1.2737	1.3016	.9696	.7916		
15 *	.9710	.9560	1.0258	.7766				

TABLE 2A
 CORE OPERATING LIMITS REPORT
 F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPPD THIS IS LEVEL 16 OF 18

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

	H	C	F	E	D	C	B	A
8 *	1.2719	1.7511	1.3398	1.5501	1.1640	1.3605	1.0259	1.1470
9 *	1.7503	1.7303	1.8309	1.2562	1.5739	1.5588	1.6235	1.1104
10 *	1.3443	1.8308	1.7179	1.7550	1.3220	1.6479	1.4788	1.2262
11 *	1.5817	1.3215	1.7669	1.6549	1.6926	1.6386	1.5688	.8933
12 *	1.1383	1.5880	1.3290	1.6952	1.3502	1.6068	1.1342	
13 *	1.3820	1.5742	1.6591	1.6447	1.6099	1.2498	.9240	
14 *	1.0408	1.6428	1.4904	1.5782	1.1356	.9256		
15 *	1.1707	1.1274	1.2417	.9019				

FQD (3-D) AT: 50% POWER 4 EFPPD THIS IS LEVEL 15 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.3039	1.8185	1.3810	1.6215	1.1925	1.4165	1.0703	1.2418
9 *	1.8175	1.8027	1.9326	1.2947	1.6566	1.6478	1.7568	1.1897
10 *	1.3851	1.9316	1.7934	1.8254	1.3591	1.7697	1.5836	1.3368
11 *	1.6531	1.3599	1.8370	1.7372	1.8154	1.7543	1.7097	.9501
12 *	1.2271	1.6704	1.3659	1.8178	1.4384	1.7573	1.2095	
13 *	1.4385	1.6637	1.7814	1.7607	1.7606	1.3483	.9831	
14 *	1.0857	1.7775	1.6014	1.7198	1.2113	.9848		
15 *	1.2677	1.2079	1.3627	.9593				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-C DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 14 OF 18

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

	H	G	F	E	D	C	B	A

8 *	1.2969	1.8252	1.3832	1.6399	1.1938	1.4321	1.0843	1.2826
9 *	1.8240	1.8149	1.9628	1.3004	1.6835	1.6818	1.8169	1.2223
10 *	1.3865	1.9607	1.8106	1.8405	1.3640	1.8222	1.6293	1.3869
11 *	1.6696	1.3629	1.8511	1.7616	1.8643	1.8036	1.7752	.9726
12 *	1.2274	1.6961	1.3703	1.8667	1.4706	1.8264	1.2394	
13 *	1.4538	1.6974	1.8339	1.8099	1.8297	1.3907	1.0049	
14 *	1.0997	1.8380	1.6474	1.7857	1.2412	1.0066		
15 *	1.3093	1.2410	1.4138	.9820				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 13 OF 18

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

	H	G	F	E	D	C	B	A

8 *	1.2742	1.8049	1.3662	1.6309	1.1806	1.4263	1.0811	1.2932
9 *	1.8035	1.7984	1.9566	1.2883	1.6808	1.6854	1.8359	1.2285
10 *	1.3687	1.9534	1.7990	1.8288	1.3516	1.8359	1.6411	1.4025
11 *	1.6582	1.3476	1.8385	1.7566	1.8739	1.8156	1.7978	.9753
12 *	1.2127	1.6918	1.3572	1.8762	1.4740	1.8502	1.2437	
13 *	1.4473	1.7004	1.8472	1.8218	1.8535	1.4013	1.0061	
14 *	1.0962	1.8570	1.6592	1.8082	1.2455	1.0077		
15 *	1.3201	1.2473	1.4298	.9847				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 12 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.2424	1.7696	1.3376	1.6055	1.1574	1.4062	1.0661	1.2853
9 *	1.7680	1.7656	1.9295	1.2646	1.6598	1.6692	1.8295	1.2182
10 *	1.3393	1.9255	1.7704	1.8008	1.3275	1.8254	1.6313	1.3969
11 *	1.6303	1.3207	1.8094	1.7336	1.8599	1.8040	1.7938	.9654
12 *	1.1879	1.6693	1.3322	1.8619	1.4593	1.8465	1.2318	
13 *	1.4262	1.6834	1.8363	1.8100	1.8497	1.3921	.9941	
14 *	1.0808	1.8502	1.6491	1.8041	1.2335	.9957		
15 *	1.3120	1.2366	1.4241	.9746				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 11 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.2040	1.7237	1.3008	1.5687	1.1265	1.3750	1.0423	1.2646
9 *	1.7221	1.7215	1.9885	1.2323	1.6258	1.6386	1.8053	1.1962
10 *	1.3017	1.8837	1.7295	1.7606	1.2937	1.7981	1.6060	1.3771
11 *	1.5911	1.2853	1.7682	1.6975	1.8295	1.7758	1.7717	.9464
12 *	1.1552	1.6338	1.2980	1.8313	1.4319	1.8243	1.2084	
13 *	1.3940	1.6520	1.8085	1.7815	1.8274	1.3690	.9728	
14 *	1.0564	1.8255	1.6233	1.7818	1.2100	.9744		
15 *	1.2909	1.2141	1.4039	.9554				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 10 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1603	1.6694	1.2573	1.5230	1.0892	1.3347	1.0114	1.2345
9 *	1.6676	1.6684	1.8368	1.1933	1.5816	1.5966	1.7675	1.1653
10 *	1.2576	1.8313	1.6790	1.7103	1.2524	1.7578	1.5686	1.3465
11 *	1.5431	1.2429	1.7170	1.6509	1.7866	1.7346	1.7360	.9205
12 *	1.1162	1.5883	1.2562	1.7882	1.3947	1.7880	1.1763	
13 *	1.3527	1.6091	1.7676	1.7400	1.7910	1.3356	.9446	
14 *	1.0249	1.7870	1.5854	1.7457	1.1778	.9462		
15 *	1.2601	1.1827	1.3727	.9292				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 9 OF 18
WHERE: LEVEL 18 = TOP OF CORE
LEVEL 1 = BOTTOM OF CORE

	H	G	F	E	D	C	B	A
8 *	1.1121	1.6078	1.2084	1.4700	1.0467	1.2870	.9748	1.1967
9 *	1.6060	1.6081	1.7763	1.1487	1.5289	1.5452	1.7185	1.1273
10 *	1.2082	1.7703	1.6204	1.6514	1.2049	1.7068	1.5214	1.3073
11 *	1.4879	1.1950	1.6573	1.5956	1.7333	1.6828	1.6890	.8892
12 *	1.0718	1.5344	1.2081	1.7347	1.3493	1.7403	1.1372	
13 *	1.3039	1.5568	1.7160	1.6879	1.7432	1.2939	.9109	
14 *	.9875	1.7371	1.5375	1.6983	1.1385	.9123		
15 *	1.2213	1.1440	1.3327	.8974				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 8 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.0605	1.5404	1.1551	1.4109	.9999	1.2330	.9332	1.1520
9 *	1.5384	1.5415	1.7084	1.0995	1.4691	1.4856	1.6595	1.0831
10 *	1.1544	1.7020	1.5550	1.5853	1.1520	1.6465	1.4656	1.2606
11 *	1.4267	1.1424	1.5904	1.5328	1.6710	1.6217	1.6322	.8530
12 *	1.0232	1.4734	1.1547	1.6722	1.2971	1.6826	1.0920	
13 *	1.2486	1.4962	1.6550	1.6265	1.6853	1.2450	.8725	
14 *	.9453	1.6772	1.4809	1.6411	1.0932	.8739		
15 *	1.1757	1.0990	1.2850	.8609				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 7 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.0062	1.4681	1.0983	1.3465	.9494	1.1732	.8872	1.1010
9 *	1.4661	1.4699	1.6340	1.0465	1.4029	1.4185	1.5910	1.0330
10 *	1.0971	1.6273	1.4838	1.5130	1.0946	1.5773	1.4016	1.2065
11 *	1.3603	1.0860	1.5173	1.4634	1.6005	1.5520	1.5660	.8126
12 *	.9709	1.4061	1.0968	1.6015	1.2385	1.6153	1.0414	
13 *	1.1877	1.4282	1.5852	1.5564	1.6179	1.1895	.8299	
14 *	.8985	1.6077	1.4161	1.5744	1.0425	.8312		
15 *	1.1236	1.0481	1.2299	.8200				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 6 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.9500	1.3920	1.0385	1.2774	.8959	1.1081	.8369	1.0429
9 *	1.3900	1.3940	1.5536	.9901	1.3305	1.3439	1.5122	.9767
10 *	1.0370	1.5467	1.4074	1.4353	1.0333	1.4990	1.3291	1.1445
11 *	1.2893	1.0264	1.4390	1.3880	1.5216	1.4135	1.4896	.7677
12 *	.9156	1.3327	1.0351	1.5224	1.1737	1.5379	.9854	
13 *	1.1215	1.3528	1.5063	1.4776	1.5402	1.1272	.7832	
14 *	.8473	1.5279	1.3428	1.4975	.9864	.7844		
15 *	1.0642	.9909	1.1667	.7746				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 5 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.8927	1.3128	.9764	1.2031	.8395	1.0377	.7817	.9758
9 *	1.3100	1.3137	1.4662	.9306	1.2512	1.2609	1.4205	.9129
10 *	.9745	1.4592	1.3256	1.3527	.9686	1.4096	1.2463	1.0721
11 *	1.2133	.9637	1.3557	1.3062	1.4329	1.3847	1.4003	.7176
12 *	.8575	1.2526	.9700	1.4335	1.1022	1.4477	.9232	
13 *	1.0499	1.2689	1.4162	1.3884	1.4499	1.0565	.7318	
14 *	.7913	1.4351	1.2590	1.4076	.9241	.7329		
15 *	.9957	.9260	1.0928	.7240				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 4 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.8342	1.2284	.9109	1.1208	.7800	.9606	.7205	.8948
9 *	1.2265	1.2263	1.3669	.8672	1.1617	1.1662	1.3092	.8377
10 *	.9087	1.3598	1.2356	1.2632	.9003	1.3034	1.1487	.9835
11 *	1.1293	.8971	1.2656	1.2153	1.3292	1.2811	1.2910	.6601
12 *	.7962	1.1623	.9013	1.3297	1.0215	1.3379	.8526	
13 *	.9715	1.1732	1.3093	1.2844	1.3399	.9736	.6740	
14 *	.7292	1.3224	1.1602	1.2976	.9534	.6750		
15 *	.9129	.8497	1.0023	.6660				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 3 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.7698	1.1280	.8367	1.0208	.7143	.8705	.6492	.7883
9 *	1.1261	1.1200	1.2405	.7956	1.0516	1.0501	1.1620	.7423
10 *	.8343	1.2335	1.1258	1.1563	.8249	1.1666	1.0249	.8652
11 *	1.0272	.8216	1.1580	1.1047	1.1967	1.1507	1.1453	.5898
12 *	.7286	1.0514	.8256	1.1971	.9253	1.1920	.7666	
13 *	.8801	1.0561	1.1717	1.1536	1.1937	.8686	.6039	
14 *	.6568	1.1735	1.0350	1.1511	.7672	.6047		
15 *	.8041	.7528	.8817	.5949				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 2 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.6786	.9727	.7332	.8760	.6276	.7434	.5533	.6314
9 *	.9709	.9586	1.0509	.6983	.8538	.8846	.9440	.6054
10 *	.7306	1.0443	.9609	.9940	.7254	.9696	.8472	.6901
11 *	.8800	.7186	.9948	.9405	1.0041	.9626	.9287	.4911
12 *	.6396	.8927	.7257	1.0043	.7931	.9736	.6447	
13 *	.7514	.8893	.9736	.9650	.9750	.7155	.5038	
14 *	.5597	.9532	.8554	.9332	.6452	.5045		
15 *	.6439	.6118	.7030	.4952				

FQD (3-D) AT: 50% POWER 4 EFPD THIS IS LEVEL 1 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.4829	.6549	.5284	.6286	.4601	.5019	.3814	.0795
9 *	.6537	.6470	.7348	.5079	.6334	.5927	.5922	.3807
10 *	.5263	.7297	.6477	.6688	.5311	.6646	.5494	.4121
11 *	.6303	.5202	.6689	.6323	.6966	.6398	.5808	.3228
12 *	.4685	.6320	.5312	.6967	.5564	.6157	.4294	
13 *	.5071	.5957	.6672	.6413	.6166	.4586	.3272	
14 *	.3857	.5978	.5546	.5836	.4297	.3276		
15 *	.3868	.3858	.4196	.3253				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 18 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.6711	1.0727	.9107	1.0490	.8297	.8838	.6713	.6199
9 *	1.0726	1.1184	1.2024	.8910	1.0527	.9925	.9321	.6452
10 *	.9141	1.2024	1.1161	1.1457	.9477	1.0428	.8975	.6530
11 *	1.0697	.9345	1.1537	1.0627	1.0279	1.0001	.8776	.5371
12 *	.8547	1.0626	.9534	1.0303	.6660	.8410	.6655	
13 *	.8990	1.0037	1.0510	1.0047	.8430	.7050	.5342	
14 *	.6819	.9445	.9086	.8837	.6669	.5352		
15 *	.6335	.6559	.6662	.5426				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 17 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.1737	1.6587	1.2737	1.4535	1.1203	1.2938	.9646	1.0104
9 *	1.6583	1.6477	1.7173	1.2047	1.4744	1.4661	1.4741	1.0012
10 *	1.2787	1.7181	1.6372	1.6854	1.2847	1.5251	1.3693	1.0773
11 *	1.4849	1.2715	1.6978	1.5730	1.5560	1.5241	1.4090	.8091
12 *	1.1547	1.4896	1.2925	1.5591	1.2094	1.4260	1.0260	
13 *	1.3160	1.4827	1.5371	1.5309	1.4292	1.1200	.8280	
14 *	.9798	1.4938	1.3863	1.4187	1.0280	.8296		
15 *	1.0328	1.0179	1.0994	.8176				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 16 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.3278	1.8733	1.4003	1.6303	1.2097	1.4431	1.0744	1.2112
9 *	1.8726	1.8535	1.9613	1.3102	1.6679	1.6714	1.7542	1.1736
10 *	1.4056	1.9620	1.8426	1.8850	1.3917	1.7799	1.5947	1.3047
11 *	1.6660	1.3841	1.8986	1.7821	1.8259	1.7758	1.6966	.9344
12 *	1.2468	1.6849	1.3999	1.8293	1.4346	1.7403	1.1943	
13 *	1.4676	1.6900	1.7937	1.7834	1.7441	1.3293	.9633	
14 *	1.0913	1.7774	1.6145	1.7082	1.1967	651		
15 *	1.2384	1.1933	1.3318	.9442				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 15 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.3465	1.9232	1.4287	1.6887	1.2274	1.4877	1.1111	1.3016
9 *	1.9224	1.9094	2.0485	1.3369	1.7387	1.7495	1.8810	1.2480
10 *	1.4335	2.0483	1.9024	1.9388	1.4161	1.3934	1.6918	1.4116
11 *	1.7238	1.4096	1.9519	1.8506	1.9391	1.8825	1.8327	.9868
12 *	1.2642	1.7552	1.4240	1.9424	1.5140	1.8862	1.2638	
13 *	1.5125	1.7684	1.9076	1.8904	1.8903	1.4227	1.0180	
14 *	1.1284	1.9056	1.7126	1.8451	1.2663	1.0199		
15 *	1.3308	1.2688	1.4410	.9972				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 14 OF 18

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

	I	G	F	E	D	C	B	A
8 *	1.3248	1.9073	1.4161	1.6901	1.2167	1.4886	1.1152	1.3323
9 *	1.9063	1.8998	2.0577	1.3294	1.7489	1.7668	1.9250	1.2707
10 *	1.4200	2.0556	1.8985	1.9321	1.4066	1.9292	1.7225	1.4511
11 *	1.7228	1.3980	1.9440	1.8555	1.9702	1.9145	1.8835	1.0016
12 *	1.2921	1.7638	1.4138	1.9733	1.5324	1.9399	1.2835	
13 *	1.5127	1.7851	1.9431	1.9222	1.9440	1.4540	1.0321	
14 *	1.1323	1.9498	1.7435	1.8960	1.2859	1.0341		
15 *	1.3622	1.2919	1.4813	1.0122				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 13 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.2874	1.8632	1.3839	1.6628	1.1913	1.4	1.1009	1.3299
9 *	1.8619	1.8598	2.0263	1.3035	1.7273	1.7507	1.9229	1.2645
10 *	1.3869	2.0238	1.8639	1.8969	1.3791	1.9215	1.7155	1.4523
11 *	1.6924	1.3677	1.9075	1.8284	1.9577	1.9047	1.8858	.9951
12 *	1.2247	1.7407	1.3854	1.9605	1.5194	1.9426	1.2753	
13 *	1.4895	1.7680	1.9349	1.9122	1.9466	1.4500	1.0238	
14 *	1.1174	1.9472	1.7361	1.8982	1.2776	1.0257		
15 *	1.3596	1.2854	1.4825	1.0055				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (L-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 12 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.2415	1.8042	1.3402	1.6188	1.1559	1.4295	1.0742	1.3073
9 *	1.8027	1.8034	1.9740	1.2660	1.6865	1.7135	1.8927	1.2403
10 *	1.3424	1.9705	1.8118	1.8449	1.3395	1.8875	1.6847	1.4304
11 *	1.6454	1.3258	1.8543	1.7824	1.9191	1.8693	1.6508	.9748
12 *	1.1872	1.6976	1.3450	1.9220	1.4873	1.9149	1.2496	
13 *	1.4511	1.7296	1.9002	1.8764	1.9187	1.4244	1.0015	
14 *	1.0900	1.9162	1.7046	1.8708	1.2518	1.0033		
15 *	1.2364	1.2605	1.4600	.9849				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 11 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.1898	1.7355	1.2889	1.5637	1.1130	1.3814	1.0385	1.2715
9 *	1.7339	1.7365	1.9081	1.2203	1.6327	1.6614	1.8437	1.2040
10 *	1.2902	1.9038	1.7480	1.7811	1.2908	1.8359	1.6376	1.3933
11 *	1.5875	1.2759	1.7893	1.7234	1.8644	1.8164	1.8124	.9452
12 *	1.1422	1.6421	1.2957	1.8666	1.4421	1.8673	1.2121	
13 *	1.4016	1.6763	1.8477	1.8230	1.8709	1.3844	.9697	
14 *	1.0535	1.8662	1.6567	1.8239	1.2141	.9714		
15 *	1.2995	1.2234	1.4221	.9549				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 10 OF 18

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

	H		F	E	D	C	B	A

8 *	1.1337	1.6596	1.2319	1.5006	1.0644	1.3248	.9962	1.2962
9 *	1.6579	1.6619	1.8325	1.1686	1.5694	1.5984	1.7811	1.1590
10 *	1.2325	1.8275	1.6756	1.7082	1.2352	1.7714	1.5787	1.3455
11 *	1.5277	1.2199	1.7154	1.6547	1.7972	1.7508	1.7523	.9089
12 *	1.0915	1.5772	1.2394	1.7991	1.3875	1.8057	1.1661	
13 *	1.3437	1.6121	1.7824	1.7570	1.8091	1.3341	.9310	
14 *	1.0103	1.8024	1.5969	1.7632	1.1679	.9326		
15 *	1.2531	1.1775	1.3732	.9181				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 9 OF 18

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

	H	G	F	E	D	C	B	A

8 *	1.0745	1.5783	1.1706	1.4314	1.0115	1.2618	.9488	1.1738
9 *	1.5765	1.5815	1.7497	1.1123	1.4987	1.5270	1.7082	1.1074
10 *	1.1707	1.7443	1.5967	1.6283	1.1744	1.6973	1.5109	1.2898
11 *	1.4499	1.1594	1.6345	1.5787	1.7207	1.6757	1.6819	.8676
12 *	1.0365	1.5051	1.1779	1.7224	1.3258	1.7336	1.1137	
13 *	1.2792	1.5396	1.7074	1.6814	1.7368	1.2763	.8874	
14 *	.9620	1.7283	1.5281	1.6922	1.1154	.889		
15 *	1.1994	1.1249	1.3162	.8763				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 8 OF 18

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

	H	G	F	E	D	C	B	A
8 *	1.0131	1.4931	1.1064	1.3577	.9555	1.1938	.8975	1.1157
9 *	1.4913	1.4971	1.6616	1.0527	1.4225	1.4491	1.6270	1.0507
10 *	1.1059	1.6557	1.5129	1.5431	1.1096	1.6154	1.4360	1.2277
11 *	1.3738	1.0957	1.5484	1.4970	1.6370	1.5930	1.6032	.8224
12 *	.9784	1.4276	1.1126	1.6385	1.2585	1.6530	1.0564	
13 *	1.2099	1.4635	1.6243	1.5983	1.6560	1.2125	.8399	
14 *	.9098	1.6458	1.4521	1.6128	1.0580	.8414		
15 *	1.1400	1.0672	1.2527	.8306				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 7 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.9506	1.4055	1.0401	1.2806	.8971	1.1220	.8430	1.0527
9 *	1.4037	1.4099	1.5694	.9907	1.3418	1.3658	1.5386	.9895
10 *	1.0393	1.5633	1.4256	1.4541	1.0419	1.5270	1.3550	1.1599
11 *	1.2946	1.0297	1.4585	1.4110	1.5474	1.5040	1.5172	.7740
12 *	.9180	1.3457	1.0444	1.5487	1.1867	1.3652	.9951	
13 *	1.1366	1.3761	1.5356	1.5089	1.5679	1.1438	.7894	
14 *	.8544	1.5561	1.3700	1.5261	.9965	.7907		
15 *	1.0755	1.0049	1.1834	.7816				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 6 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.8879	1.3167	.9728	1.2009	.8372	1.0469	.7857	.9846
9 *	1.3149	1.3210	1.4740	.9270	1.2573	1.2776	1.4427	.9240
10 *	.9716	1.4677	1.3357	1.3624	.9722	1.4323	1.2681	1.0862
11 *	1.2129	.9623	1.3661	1.3215	1.4522	1.4091	1.4238	.7225
12 *	.8561	1.2602	.9743	1.4533	1.1110	1.4701	.9302	
13 *	1.0602	1.2869	1.4400	1.4136	1.4726	1.0703	.7362	
14 *	.7962	1.4589	1.2820	1.4321	.9315	.7374		
15 *	1.0058	.9383	1.1082	.7295				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 5 OF 13

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

	H	G	F	E	D	C	B	A
8 *	.8258	1.2275	.9050	1.1185	.7761	.9688	.7255	.9099
9 *	1.2757	1.2306	1.3748	.8621	1.1687	1.1840	1.3376	.8531
10 *	.9035	1.3684	1.2435	1.2687	.9012	1.3299	1.1740	1.0048
11 *	1.1287	.8939	1.2718	1.2287	1.3506	1.3074	1.3211	.6674
12 *	.7933	1.1707	.9029	1.3515	1.0309	1.3659	.8613	
13 *	.9809	1.1923	1.3368	1.3114	1.3682	.9910	.6800	
14 *	.7350	1.3524	1.1867	1.3287	.8524	.6611		
15 *	.9294	.8662	1.0250	.6739				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 4 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.7643	1.1365	.8361	1.0313	.7139	.8869	.6614	.8245
9 *	1.1347	1.1365	1.2676	.7955	1.0732	1.0824	1.2176	.7738
10 *	.8343	1.2613	1.1464	1.1717	.8269	1.2150	1.0690	.9107
11 *	1.0397	.8238	1.1741	1.1304	1.2383	1.1951	1.2030	.6072
12 *	.7292	1.0745	.8302	1.2390	.9449	1.2468	.7866	
13 *	.8976	1.0896	1.2211	1.1986	1.2488	.9027	.6194	
14 *	.6699	1.2308	1.0804	1.2098	.7875	.6204		
15 *	.8421	.7855	.9289	.6130				

FQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 3 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.6995	1.0337	.7614	.9304	.6479	.7956	.5901	.7184
9 *	1.0320	1.0281	1.1390	.7234	.9618	.9643	1.0684	.6783
10 *	.7594	1.1328	1.0344	1.1419	.7525	1.0755	.9433	.7923
11 *	.9368	.7478	1.0637	1.0171	1.1030	1.0617	1.0552	.5369
12 *	.6613	.9622	.7534	1.1036	.8475	1.0983	.7000	
13 *	.8050	.9704	1.0807	1.0647	1.1000	.7968	.5493	
14 *	.5975	1.0798	.9532	1.0610	.7008	.5502		
15 *	.7335	.6884	.8080	.5419				

TABLE 2A
CORE OPERATING LIMITS REPORT
F-SUB-Q DESIGN

PQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 2 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.6127	.8842	.6624	.7920	.5651	.6736	.4988	.5697
9 *	.8827	.8728	.9565	.6304	.8103	.8048	.8591	.5478
10 *	.6603	.9507	.8755	.9050	.6567	.3852	.7721	.6256
11 *	.7960	.6492	.9060	.8584	.9168	.8797	.8469	.4430
12 *	.6762	.8098	.6572	.9172	.7203	.8881	.5834	
13 *	.6812	.8096	.8892	.8821	.8895	.6510	.4542	
14 *	.5049	.8681	.7801	.8515	.5840	.4548		
15 *	.5815	.5559	.6378	.4470				

PQD (3-D) AT: 30% POWER 4 EFPD THIS IS LEVEL 1 OF 18

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

	H	G	F	E	D	C	B	A
8 *	.4339	.5914	.4717	.5645	.4120	.4515	.3416	.3395
9 *	.5903	.5850	.6638	.4560	.5701	.5351	.5342	.3415
10 *	.4729	.6593	.5860	.6047	.4781	.6016	.4965	.3703
11 *	.5662	.4673	.6049	.5729	.6309	.5799	.5250	.2889
12 *	.4197	.5691	.4783	.6312	.5020	.5569	.3857	
13 *	.4565	.5381	.6043	.5815	.5577	.4133	.2927	
14 *	.3457	.5398	.5016	.5278	.3860	.2932		
15 *	.3464	.3465	.3773	.2914				

TABLE 5A
CORE OPERATING LIMITS REPORT
F-DELTA-H DESIGN

FDHD (2-D) AT: 100% POWER 4 EFPD

	H	G	F	E	D	C	B	A
8 *	.9857	1.3571	1.0674	1.2658	.9324	1.0821	.8335	.9691
9 *	1.3854	1.3495	1.4757	1.0156	1.2864	1.2602	1.3511	.9212
10 *	1.0668	1.4701	1.3499	1.3757	1.0467	1.3616	1.2106	1.0402
11 *	1.2795	1.0506	1.3801	1.3094	1.3926	1.3361	1.3191	.7464
12 *	.9537	1.2894	1.0488	1.3933	1.1102	1.3562	.9459	
13 *	1.0947	1.2678	1.3673	1.3391	1.3579	1.0457	.7684	
14 *	.8430	1.3632	1.2214	1.3249	.9465	.7695		
15 *	.9866	.9329	1.0578	.7523				

FDHD (2-D) AT: 75% POWER 4 EFPD

	H	G	F	E	D	C	B	A
8 *	.9673	1.3572	1.0500	1.2508	.9137	1.0770	.8219	.9622
9 *	1.3856	1.3517	1.4774	.9976	1.2787	1.2640	1.3624	.9155
10 *	1.0500	1.4726	1.3534	1.3803	1.0362	1.3726	1.2198	1.0385
11 *	1.2661	1.0357	1.3854	1.3170	1.4019	1.3503	1.3313	.7357
12 *	.9357	1.2831	1.0389	1.4029	1.1049	1.3692	.9366	
13 *	1.0906	1.2728	1.3793	1.3539	1.3712	1.0435	.7560	
14 *	.8321	1.3760	1.2317	1.3379	.9374	.7571		
15 *	.9806	.9280	1.0573	.7419				

TABLE 5A
CORE OPERATING LIMITS REPORT
F-DELTA-H DESIGN

FDHD (2-D) AT: 50% POWER 4 EFPD

	H	G	F	E	D	C	B	A
8 *	.9470	1.3558	1.0310	1.2343	.8941	1.0715	.8100	.9550
9 *	1.3544	1.3528	1.4785	.9783	1.2705	1.2681	1.3747	.9100
10 *	1.0315	1.4744	1.3563	1.3846	1.0248	1.3850	1.2299	1.0371
11 *	1.2511	1.0193	1.3904	1.3248	1.4121	1.3658	1.3447	.7252
12 *	.9165	1.2762	1.0281	1.4134	1.0990	1.3833	.9273	
13 *	1.0861	1.2792	1.3927	1.3701	1.3856	1.0417	.7438	
14 *	.8208	1.3898	1.2430	1.3522	.9284	.7450		
15 *	.9746	.9235	1.0571	.7319				

FDHD (2-D) AT: 30% POWER 4 EFPD

	H	G	F	E	D	C	B	A
8 *	.9301	1.3547	1.0150	1.2201	.8773	1.0666	.7994	.9475
9 *	1.3534	1.3541	1.4800	.9620	1.2635	1.2716	1.3845	.9047
10 *	1.0159	1.4764	1.3593	1.3885	1.0152	1.3962	1.2383	1.0348
11 *	1.2381	1.0053	1.3949	1.3321	1.4215	1.3795	1.3558	.7157
12 *	.9002	1.2705	1.0190	1.4232	1.0935	1.3949	.9190	
13 *	1.0822	1.2830	1.4051	1.3845	1.3976	1.0397	.7326	
14 *	.8108	1.4012	1.2527	1.3643	.9204	.7339		
15 *	.9682	.9191	1.0560	.7229				