Catawba Unit 1 Cycle 21

Core Operating Limits Report
Revision 0

October 2012

Calculation Number: CNC-1553.05-00-0582

		Date
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Approved By:	RC Harvey	10/23/2012

QA Condition 1

The information presented in this report has been prepared and issued in accordance with Catawba Technical Specification 5.6.5.

Catawba 1 Cycle 21 Core Operating Limits Report

INSPECTION OF ENGINEERING INSTRUCTIONS

Inspection Waived By: R C Harvey (Sponsor) Date: 10/23/2012

CATAWBA

	Inspection Waived	
MCE (Mechanical & Civil)	☑	Inspected By/Date: _____
RES (Electrical Only)	☑	Inspected By/Date: _____
RES (Reactor)	☑	Inspected By/Date: _____
MOD	☑	Inspected By/Date: _____
Other (_____)	☐	Inspected By/Date: _____

OCONEE

	Inspection Waived	
MCE (Mechanical & Civil)	☐	Inspected By/Date: _____
RES (Electrical Only)	☐	Inspected By/Date: _____
RES (Reactor)	☐	Inspected By/Date: _____
MOD	☐	Inspected By/Date: _____
Other (_____)	☐	Inspected By/Date: _____

MCGUIRE

	Inspection Waived	
MCE (Mechanical & Civil)	☐	Inspected By/Date: _____
RES (Electrical Only)	☐	Inspected By/Date: _____
RES (Reactor)	☐	Inspected By/Date: _____
MOD	☐	Inspected By/Date: _____
Other (_____)	☐	Inspected By/Date: _____

Catawba 1 Cycle 21 Core Operating Limits Report

Implementation Instructions for Revision 0

Revision Description and PIP Tracking

Revision 0 of the Catawba Unit 1 Cycle 21 COLR contains limits specific to the reload core. There is no PIP associated with this revision.

Implementation Schedule

Revision 0 may become effective any time during No MODE between Cycles 20 and 21 but must become effective prior to entering MODE 6 which starts Cycle 21. The Catawba Unit 1 Cycle 21 COLR will cease to be effective during No MODE between Cycles 21 and 22.

Data files to be Implemented

No data files are transmitted as part of this document.

Catawba 1 Cycle 21 Core Operating Limits Report

REVISION LOG

Revision	Effective Date	Pages Affected	COLR
0	October 2012	1-32, Appendix A*	C1C21 COLR, Rev. 0

*Appendix A contains power distribution monitoring factors used in Technical Specification Surveillance. Appendix A is included only in the electronic COLR copy sent to the NRC.

Catawba 1 Cycle 21 Core Operating Limits Report

1.0 Core Operating Limits Report

This Core Operating Limits Report (COLR) has been prepared in accordance with the requirements of Technical Specification 5.6.5. The Technical Specifications that reference this report are listed below:

TS Section	Technical Specifications	COLR Parameter	COLR Section	COLR Page
2.1.1	Reactor Core Safety Limits	RCS Temperature and Pressure Safety Limits	2.1	9
3.1.1	Shutdown Margin	SDM	2.2	9
3.1.3	Moderator Temperature Coefficient	MTC	2.3	11
3.1.4	Rod Group Alignment Limits	SDM	2.2	9
3.1.5	Shutdown Bank Insertion Limit	SDM Rod Insertion Limits	2.2 2.4	9 11
3.1.6	Control Bank Insertion Limit	SDM Rod Insertion Limits	2.2 2.5	9 15
3.1.8	Physics Tests Exceptions	SDM	2.2	9
3.2.1	Heat Flux Hot Channel Factor	F_Q AFD OTΔT Penalty Factors	2.6 2.8 2.9 2.6	15 21 24 19
3.2.2	Nuclear Enthalpy Rise Hot Channel Factor	FΔH Penalty Factors	2.7 2.6	20 19
3.2.3	Axial Flux Difference	AFD	2.8	21
3.3.1	Reactor Trip System Instrumentation	OTΔT OPΔT	2.9 2.9	24 25
3.3.9	Boron Dilution Mitigation System	Reactor Makeup Water Flow Rate	2.10	26
3.4.1	RCS Pressure, Temperature and Flow limits for DNB	RCS Pressure, Temperature and Flow	2.11	26
3.5.1	Accumulators	Max and Min Boron Conc.	2.12	26
3.5.4	Refueling Water Storage Tank	Max and Min Boron Conc.	2.13	28
3.7.15	Spent Fuel Pool Boron Concentration	Min Boron Concentration	2.14	28
3.9.1	Refueling Operations - Boron Concentration	Min Boron Concentration	2.15	28
5.6.5	Core Operating Limits Report (COLR)	Analytical Methods	1.1	6

The Selected License Commitments that reference this report are listed below:

SLC Section	Selected Licensing Commitment	COLR Parameter	COLR Section	COLR Page
16.7-9	Standby Shutdown System	Standby Makeup Pump Water Supply	2.16	29
16.9-11	Boration Systems – Borated Water Source – Shutdown	Borated Water Volume and Conc. for BAT/RWST	2.17	29
16.9-12	Boration Systems – Borated Water Source – Operating	Borated Water Volume and Conc. for BAT/RWST	2.18	30

Catawba 1 Cycle 21 Core Operating Limits Report

1.1 Analytical Methods

Analytical methods used to determine core operating limits for parameters identified in Technical Specifications and previously reviewed and approved by the NRC, as specified in Technical Specification 5.6.5, are as follows.

1. WCAP-9272-P-A, "WESTINGHOUSE RELOAD SAFETY EVALUATION METHODOLOGY," (W Proprietary).

   Revision 0
   Report Date: July 1985
   Not Used

2. WCAP-10054-P-A, "Westinghouse Small Break ECCS Evaluation Model using the NOTRUMP Code, " (W Proprietary).

   Revision 0
   Report Date: August 1985

3. WCAP-10266-P-A, "THE 1981 VERSION OF WESTINGHOUSE EVALUATION MODEL USING BASH CODE", (W Proprietary).

   Revision 2
   Report Date: March 1987
   Not Used

4. WCAP-12945-P-A, Volume 1 and Volumes 2-5, "Code Qualification Document for Best-Estimate Loss of Coolant Analysis," (W Proprietary).

   Revision: Volume 1 (Revision 2) and Volumes 2-5 (Revision 1)
   Report Date: March 1998

5. BAW-10168P-A, "B&W Loss-of-Coolant Accident Evaluation Model for Recirculating Steam Generator Plants," (B&W Proprietary).

   Revision 1
   SER Date: January 22, 1991
   Revision 2
   SER Dates: August 22, 1996 and November 26, 1996.
   Revision 3
   SER Date: June 15, 1994.
   Not Used

Catawba 1 Cycle 21 Core Operating Limits Report

1.1 Analytical Methods (continued)

6. DPC-NE-3000-PA, “Thermal-Hydraulic Transient Analysis Methodology,” (DPC Proprietary).

   Revision 5a
   Report Date: October 2012

7. DPC-NE-3001-PA, "Multidimensional Reactor Transients and Safety Analysis Physics Parameter Methodology," (DPC Proprietary).

   Revision 0a
   Report Date: May 2009

8. DPC-NE-3002-A, "UFSAR Chapter 15 System Transient Analysis Methodology".

   Revision 4b
   Report Date: September 2010

9. DPC-NE-2004P-A, "Duke Power Company McGuire and Catawba Nuclear Stations Core Thermal-Hydraulic Methodology using VIPRE-01," (DPC Proprietary).

   Revision 2a
   Report Date: December 2008

10. DPC-NE-2005P-A, "Thermal Hydraulic Statistical Core Design Methodology," (DPC Proprietary).

    Revision 4a
    Report Date: December 2008

11. DPC-NE-2008P-A, "Fuel Mechanical Reload Analysis Methodology Using TACO3," (DPC Proprietary).

    Revision 1a
    Report Date: December 2008
    Not Used

12. DPC-NE-2009-P-A, "Westinghouse Fuel Transition Report,” (DPC Proprietary).

    Revision 3a
    Report Date: September 2011

13. DPC-NE-1004A, "Nuclear Design Methodology Using CASMO-3/SIMULATE-3P."

    Revision 1a
    Report Date: January 2009
    Not Used

Catawba 1 Cycle 21 Core Operating Limits Report

1.1 Analytical Methods (continued)

14. DPC-NF-2010-A, "Duke Power Company McGuire Nuclear Station Catawba Nuclear Station Nuclear Physics Methodology for Reload Design."

    Revision 2a
    Report Date: December 2009

15. DPC-NE-2011-PA, "Duke Power Company Nuclear Design Methodology for Core Operating Limits of Westinghouse Reactors," (DPC Proprietary).

    Revision 1a
    Report Date: June 2009

16. DPC-NE-1005-P-A, "Nuclear Design Methodology Using CASMO-4 / SIMULATE-3 MOX", (DPC Proprietary).

    Revision 1
    Report Date: November 12, 2008

17. BAW-10231P-A, "COPERNIC Fuel Rod Design Computer Code" (Framatome ANP Proprietary)

    Revision 1
    SER Date: January 14, 2004
    Not Used

Catawba 1 Cycle 21 Core Operating Limits Report

2.0 Operating Limits

The cycle-specific parameter limits for the specifications listed in Section 1.0 are presented in the following subsections. These limits have been developed using NRC approved methodologies specified in Section 1.1.

2.1 Reactor Core Safety Limits (TS 2.1.1)

The Reactor Core Safety Limits are shown in Figure 1.

2.2 Shutdown Margin - SDM (TS 3.1.1, TS 3.1.4, TS 3.1.5, TS 3.1.6, TS 3.1.8)

2.2.1 For TS 3.1.1, SDM shall be greater than or equal to 1.3% ΔK/K in MODE 2 with Keff < 1.0 and in MODES 3 and 4.

2.2.2 For TS 3.1.1, SDM shall be greater than or equal to 1.0% ΔK/K in MODE 5.

2.2.3 For TS 3.1.4, SDM shall be greater than or equal to 1.3% ΔK/K in MODE 1 and MODE 2.

2.2.4 For TS 3.1.5, SDM shall be greater than or equal to 1.3% ΔK/K in MODE 1 and MODE 2 with any control bank not fully inserted.

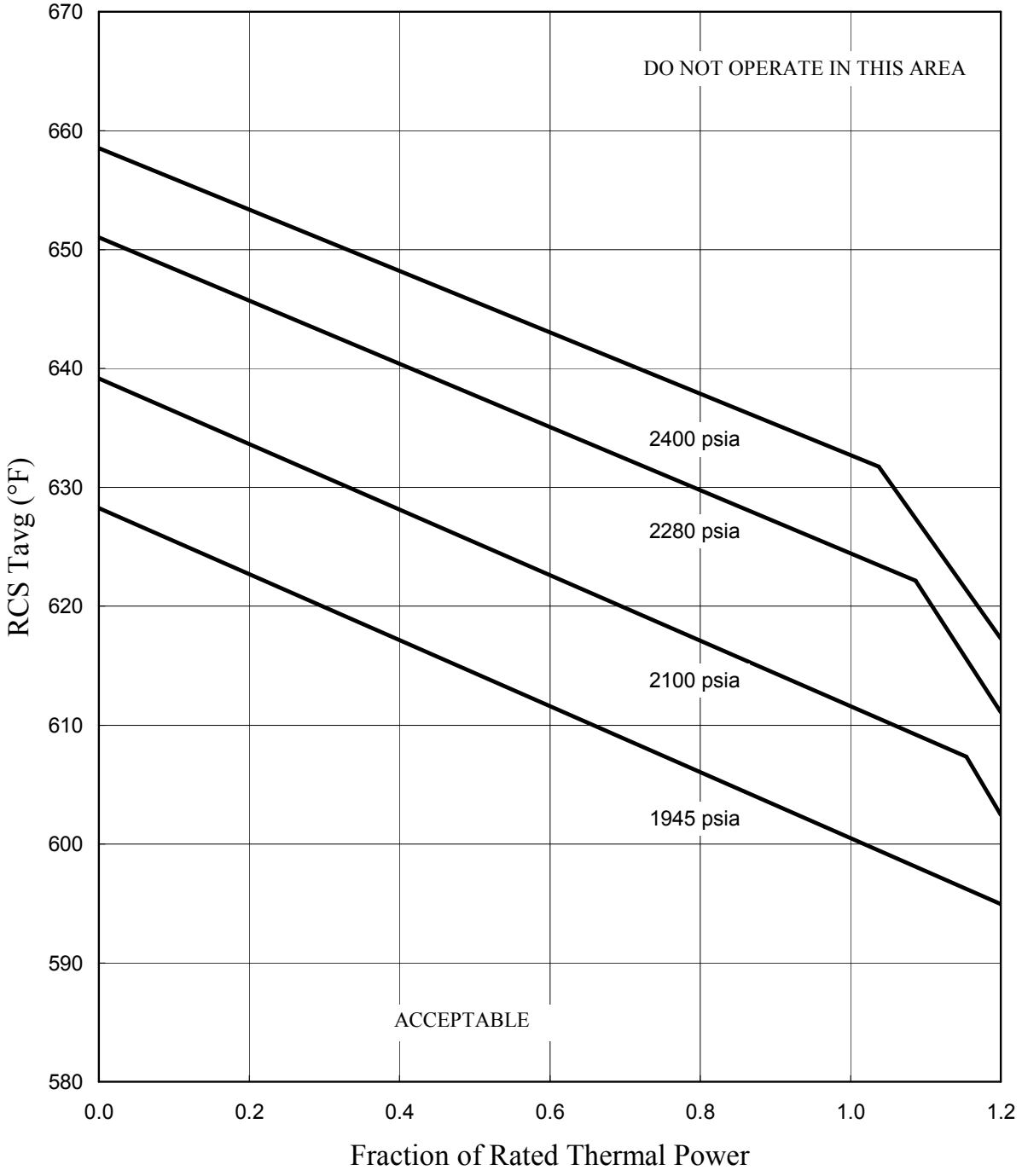
2.2.5 For TS 3.1.6, SDM shall be greater than or equal to 1.3% ΔK/K in MODE 1 and MODE 2 with Keff ≥ 1.0.

2.2.6 For TS 3.1.8, SDM shall be greater than or equal to 1.3% ΔK/K in MODE 2 during PHYSICS TESTS.

Catawba 1 Cycle 21 Core Operating Limits Report

Figure 1

Reactor Core Safety Limits
Four Loops in Operation



Catawba 1 Cycle 21 Core Operating Limits Report

2.3 Moderator Temperature Coefficient - MTC (TS 3.1.3)

2.3.1 The Moderator Temperature Coefficient (MTC) Limits are:

The MTC shall be less positive than the upper limits shown in Figure 2. The BOC, ARO, HZP MTC shall be less positive than 0.7E-04 ΔK/K/°F.

The EOC, ARO, RTP MTC shall be less negative than the -4.3E-04 ΔK/K/°F lower MTC limit.

2.3.2 The 300 ppm MTC Surveillance Limit is:

The measured 300 PPM ARO, equilibrium RTP MTC shall be less negative than or equal to -3.65E-04 ΔK/K/°F.

2.3.3 The 60 PPM MTC Surveillance Limit is:

The 60 PPM ARO, equilibrium RTP MTC shall be less negative than or equal to -4.125E-04 ΔK/K/°F.

Where:
BOC = Beginning of Cycle (burnup corresponding to most positive MTC)
EOC = End of Cycle
ARO = All Rods Out
HZP = Hot Zero Thermal Power
RTP = Rated Thermal Power
PPM = Parts per million (Boron)

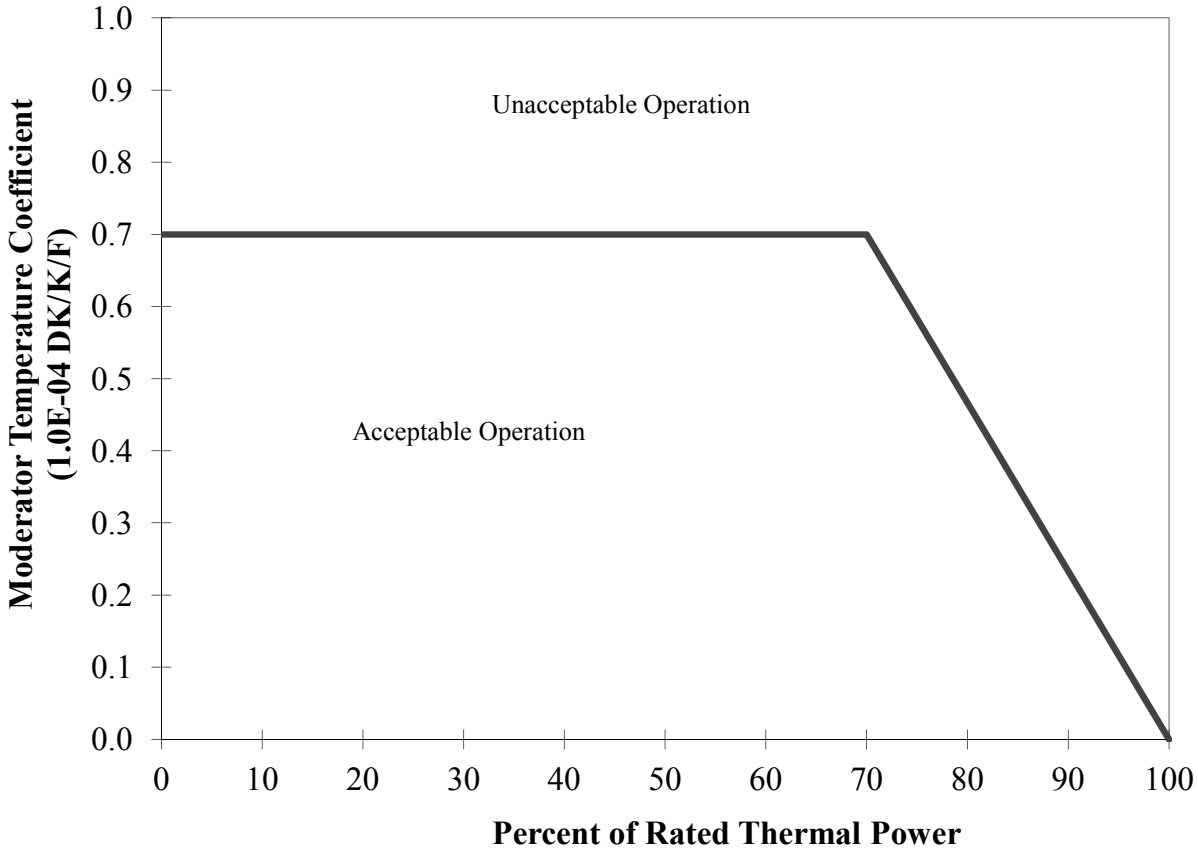
2.4 Shutdown Bank Insertion Limit (TS 3.1.5)

2.4.1 Each shutdown bank shall be withdrawn to at least 222 steps. Shutdown banks are withdrawn in sequence and with no overlap.

Catawba 1 Cycle 21 Core Operating Limits Report

Figure 2

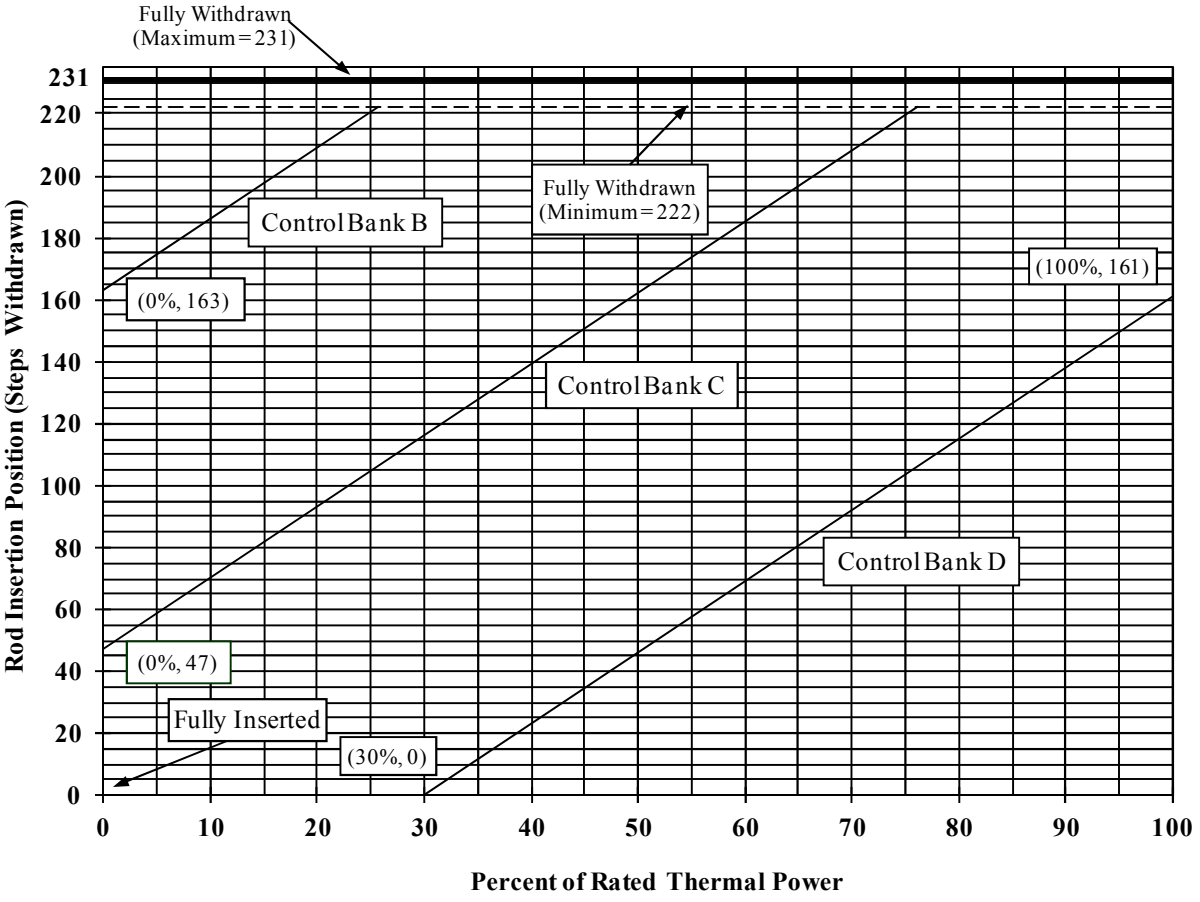
Moderator Temperature Coefficient Upper Limit Versus Power Level



NOTE: Compliance with Technical Specification 3.1.3 may require rod withdrawal limits. Refer to the Unit 1 ROD manual for details.

Catawba 1 Cycle 21 Core Operating Limits Report

Figure 3
Control Bank Insertion Limits Versus Percent Rated Thermal Power



The Rod Insertion Limits (RIL) for Control Bank D (CD), Control Bank C (CC), and Control Bank B (CB) can be calculated by:

Bank CD RIL = 2.3(P) – 69 {30 ≤ P ≤ 100}
Bank CC RIL = 2.3(P) +47 {0 ≤ P ≤ 76.1} for CC RIL = 222 {76.1 < P ≤ 100}
Bank CB RIL = 2.3(P) +163 {0 ≤ P ≤ 25.7} for CB RIL = 222 {25.7 < P ≤ 100}

where P = %Rated Thermal Power

NOTES: Compliance with Technical Specification 3.1.3 may require rod withdrawal limits. Refer to the Unit 1 ROD manual for details.

Catawba 1 Cycle 21 Core Operating Limits Report

Table 1
Control Bank Withdrawal Steps and Sequence

Fully Withdrawn at 222 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
222 Stop	106	0	0
222	116	0 Start	0
222	222 Stop	106	0
222	222	116	0 Start
222	222	222 Stop	106

Fully Withdrawn at 223 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
223 Stop	107	0	0
223	116	0 Start	0
223	223 Stop	107	0
223	223	116	0 Start
223	223	223 Stop	107

Fully Withdrawn at 224 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
224 Stop	108	0	0
224	116	0 Start	0
224	224 Stop	108	0
224	224	116	0 Start
224	224	224 Stop	108

Fully Withdrawn at 225 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
225 Stop	109	0	0
225	116	0 Start	0
225	225 Stop	109	0
225	225	116	0 Start
225	225	225 Stop	109

Fully Withdrawn at 226 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
226 Stop	110	0	0
226	116	0 Start	0
226	226 Stop	110	0
226	226	116	0 Start
226	226	226 Stop	110

Fully Withdrawn at 227 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
227 Stop	111	0	0
227	116	0 Start	0
227	227 Stop	111	0
227	227	116	0 Start
227	227	227 Stop	111

Fully Withdrawn at 228 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
228 Stop	112	0	0
228	116	0 Start	0
228	228 Stop	112	0
228	228	116	0 Start
228	228	228 Stop	112

Fully Withdrawn at 229 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
229 Stop	113	0	0
229	116	0 Start	0
229	229 Stop	113	0
229	229	116	0 Start
229	229	229 Stop	113

Fully Withdrawn at 230 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
230 Stop	114	0	0
230	116	0 Start	0
230	230 Stop	114	0
230	230	116	0 Start
230	230	230 Stop	114

Fully Withdrawn at 231 Steps

Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
231 Stop	115	0	0
231	116	0 Start	0
231	231 Stop	115	0
231	231	116	0 Start
231	231	231 Stop	115

Catawba 1 Cycle 21 Core Operating Limits Report

2.5 Control Bank Insertion Limits (TS 3.1.6)

2.5.1 Control banks shall be within the insertion, sequence, and overlap limits shown in Figure 3. Specific control bank withdrawal and overlap limits as a function of the fully withdrawn position are shown in Table 1.

2.6 Heat Flux Hot Channel Factor - $F_Q(X,Y,Z)$ (TS 3.2.1)

2.6.1 $F_Q(X,Y,Z)$ steady-state limits are defined by the following relationships:

$F_Q^{RTP} * K(Z)/P$ for $P > 0.5$

$F_Q^{RTP} * K(Z)/0.5$ for $P \leq 0.5$

where,

P = (Thermal Power)/(Rated Power)

Note: The measured $F_Q(X,Y,Z)$ shall be increased by 3% to account for manufacturing tolerances and 5% to account for measurement uncertainty when comparing against the LCO limit. The manufacturing tolerance and measurement uncertainty are implicitly included in the F_Q surveillance limits as defined for COLR Sections 2.6.5 and 2.6.6.

2.6.2 $F_Q^{RTP} = 2.70 \times K(BU)$

2.6.3 K(Z) is the normalized $F_Q(X,Y,Z)$ as a function of core height. K(Z) for Westinghouse RFA fuel is provided in Figure 4.

2.6.4 K(BU) is the normalized $F_Q(X,Y,Z)$ as a function of burnup. F_Q^{RTP} with the K(BU) penalty for Westinghouse RFA fuel is set to 1.0 at all burnups.

The following parameters are required for core monitoring per the Surveillance Requirements of Technical Specification 3.2.1:

2.6.5 $$[F_Q^L(X,Y,Z)]^{OP} = \frac{F_Q^D(X,Y,Z) * M_Q(X,Y,Z)}{UMT * MT * TILT}$$

where:

$[F_Q^L(X,Y,Z)]^{OP}$ = Cycle dependent maximum allowable design peaking factor that ensures $F_Q(X,Y,Z)$ LOCA limit is not exceeded for operation within the AFD, RIL, and QPTR limits. $F_Q^L(X,Y,Z)^{OP}$ includes allowances for calculational and measurement uncertainties.

Catawba 1 Cycle 21 Core Operating Limits Report

F_Q^D(X,Y,Z) = Design power distribution for F_Q. F_Q^D(X,Y,Z) is provided in Appendix Table A-1 for normal operating conditions and in Appendix Table A-4 for power escalation testing during initial startup operation.

M_Q(X,Y,Z) = Margin remaining in core location X,Y,Z to the LOCA limit in the transient power distribution. M_Q(X,Y,Z) is provided in Appendix Table A-1 for normal operating conditions and in Appendix Table A-4 for power escalation testing during initial startup operation.

UMT = Total Peak Measurement Uncertainty. (UMT = 1.05)

MT = Engineering Hot Channel Factor. (MT = 1.03).

TILT = Peaking penalty that accounts for allowable quadrant power tilt ratio of 1.02. (TILT = 1.035)

2.6.6 $$[F_Q^L(X,Y,Z)]^{RPS} = \frac{F_Q^D(X,Y,Z) * M_C(X,Y,Z)}{UMT * MT * TILT}$$

where:

$[F_Q^L(X,Y,Z)]^{RPS}$ = Cycle dependent maximum allowable design peaking factor that ensures F_Q(X,Y,Z) Centerline Fuel Melt (CFM) limit is not exceeded for operation within the AFD, RIL, and QPTR limits. $[F_Q^L(X,Y,Z)]^{RPS}$ includes allowances for calculational and measurement uncertainties.

F_Q^D(X,Y,Z) = Design power distributions for F_Q. F_Q^D(X,Y,Z) is provided in Appendix Table A-1 for normal operating conditions and in Appendix Table A-4 for power escalation testing during initial startup operations.

M_C(X,Y,Z) = Margin remaining to the CFM limit in core location X,Y,Z from the transient power distribution. M_C(X,Y,Z) is provided in Appendix Table A-2 for normal operating conditions and in Appendix Table A-5 for power escalation testing during initial startup operations.

Catawba 1 Cycle 21 Core Operating Limits Report

UMT = Total Peak Measurement Uncertainty. (UMT = 1.05)

MT = Engineering Hot Channel Factor. (MT = 1.03).

TILT = Peaking penalty that accounts for allowable quadrant power tilt ratio of 1.02. (TILT = 1.035)

2.6.7 KSLOPE = 0.0725

where:

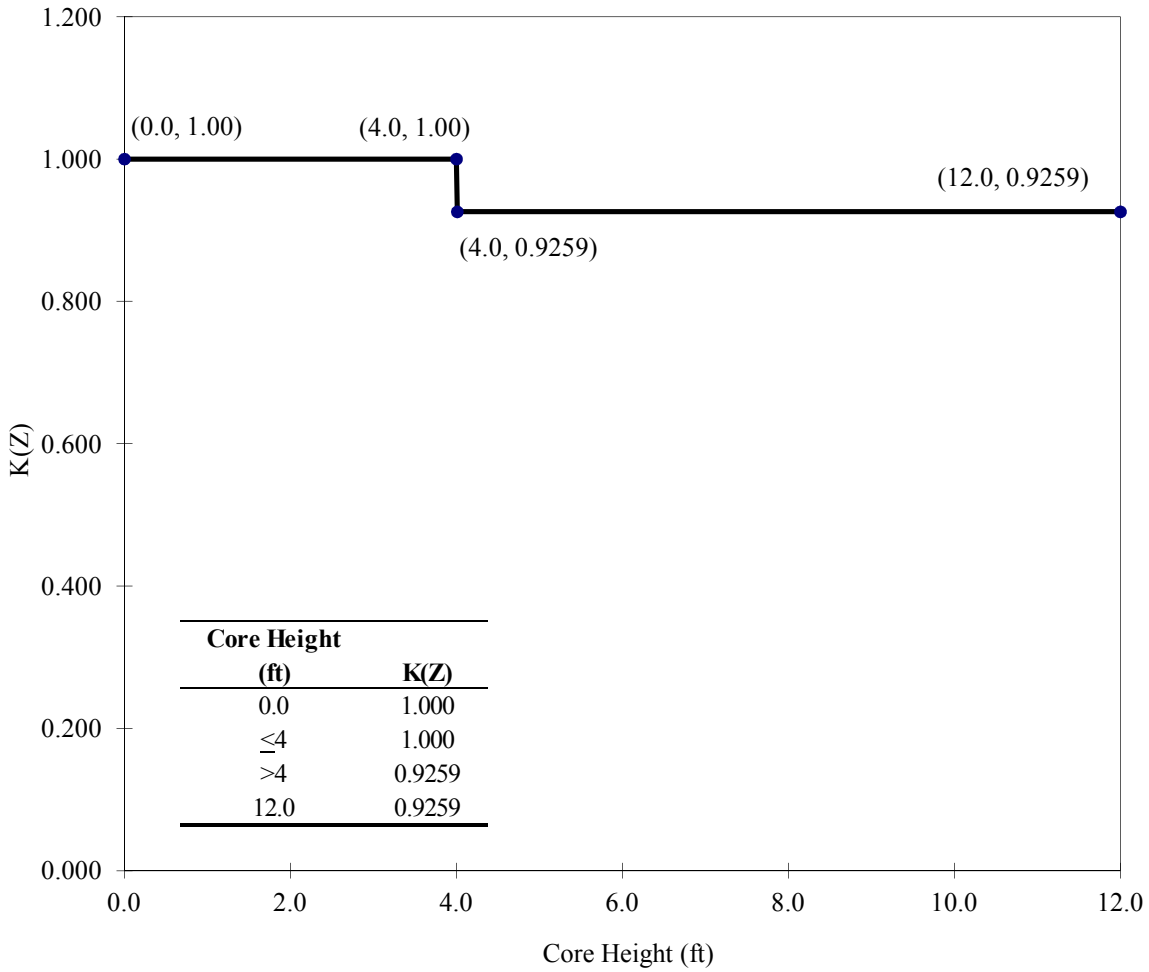
KSLOPE = Adjustment to K_1 value from OTΔT trip setpoint required to compensate for each 1% F_Q^M (X,Y,Z) exceeds F_Q^L (X,Y,Z)^{RPS}.

2.6.8 F_Q(X,Y,Z) Penalty Factors for Technical Specification Surveillances 3.2.1.2 and 3.2.1.3 are provided in Table 2.

Catawba 1 Cycle 21 Core Operating Limits Report

Figure 4

K(Z), Normalized $F_Q(X,Y,Z)$ as a Function of Core Height for Westinghouse RFA Fuel



Core Height (ft)	K(Z)
0.0	1.000
≤4	1.000
>4	0.9259
12.0	0.9259

Catawba 1 Cycle 21 Core Operating Limits Report

Table 2

$F_Q(X,Y,Z)$ and $F_{\Delta H}(X,Y)$ Penalty Factors
For Tech Spec Surveillances 3.2.1.2, 3.2.1.3 and 3.2.2.2

Burnup (EFPD)	$F_Q(X,Y,Z)$ Penalty Factor (%)	$F_{\Delta H}(X,Y)$ Penalty Factor (%)
4	2.00	2.00
12	2.00	2.00
25	2.00	2.00
50	2.00	2.00
75	2.00	2.00
100	2.00	2.00
125	2.00	2.00
150	2.00	2.00
175	2.00	2.00
200	2.00	2.00
225	2.00	2.00
250	2.00	2.00
275	2.00	2.00
300	2.00	2.00
325	2.00	2.00
350	2.00	2.00
375	2.00	2.00
400	2.00	2.00
425	2.00	2.00
450	2.00	2.00
460	2.00	2.00
475	2.00	2.00
485	2.00	2.00
490	2.00	2.00
500	2.00	2.00
510	2.00	2.00

Note: Linear interpolation is adequate for intermediate cycle burnups. All cycle burnups outside the range of the table shall use a 2% penalty factor for both $F_Q(X,Y,Z)$ and $F_{\Delta H}(X,Y)$ for compliance with the Tech Spec Surveillances 3.2.1.2, 3.2.1.3 and 3.2.2.2.

Catawba 1 Cycle 21 Core Operating Limits Report

2.7 Nuclear Enthalpy Rise Hot Channel Factor - $F_{\Delta H}(X,Y)$ (TS 3.2.2)

$F_{\Delta H}$ steady-state limits referred to in Technical Specification 3.2.2 are defined by the following relationship.

2.7.1 $$[F^{L}_{\Delta H}(X,Y)]^{LCO} = MARP(X,Y) * \left[1.0 + \frac{1}{RRH} * (1.0 - P)\right]$$

where:

$[F^{L}_{\Delta H}(X,Y)]^{LCO}$ is the steady-state, maximum allowed radial peak and includes allowances for calculation/measurement uncertainty.

MARP(X,Y) = Cycle-specific operating limit Maximum Allowable Radial Peaks. MARP(X,Y) radial peaking limits are provided in Table 3.

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

RRH = Thermal Power reduction required to compensate for each 1% measured radial peak, $F^{M}_{\Delta H}(X,Y)$, exceeds the limit.
(RRH = 3.34, $0.0 < P \leq 1.0$)

The following parameters are required for core monitoring per the surveillance requirements of Technical Specification 3.2.2.

2.7.2 $$[F^{L}_{\Delta H}(X,Y)]^{SURV} = \frac{F^{D}_{\Delta H}(X,Y) * M_{\Delta H}(X,Y)}{UMR * TILT}$$

where:

$[F^{L}_{\Delta H}(X,Y)]^{SURV}$ = Cycle dependent maximum allowable design peaking factor that ensures $F_{\Delta H}(X,Y)$ limit is not exceeded for operation within the AFD, RIL, and QPTR limits. $F^{L}_{\Delta H}(X,Y)^{SURV}$ includes allowances for calculational and measurement uncertainty.

$F^{D}_{\Delta H}(X,Y)$ = Design radial power distribution for $F_{\Delta H}$. $F^{D}_{\Delta H}(X,Y)$ is provided in Appendix Table A-3 for normal operation and in Appendix Table A-6 for power escalation testing during initial startup operation.

Catawba 1 Cycle 21 Core Operating Limits Report

$M_{\Delta H}(X,Y)$ = Margin remaining in core location X,Y relative to Operational DNB limits in the transient power distribution. $M_{\Delta H}(X,Y)$ is provided in Appendix Table A-3 for normal operation and in Appendix Table A-6 for power escalation testing during initial startup operation.

UMR = Uncertainty value for measured radial peaks (UMR = 1.0). UMR is set to 1.0 since a factor of 1.04 is implicitly included in the variable $M_{\Delta H}(X,Y)$.

TILT = Peaking penalty that accounts for allowable quadrant power tilt ratio of 1.02. (TILT = 1.035)

2.7.3 RRH = 3.34

where:

RRH = Thermal Power reduction required to compensate for each 1% measured radial peak, $F^{M}_{\Delta H}(X,Y)$ exceeds its limit. ($0 < P \leq 1.0$)

2.7.4 TRH = 0.04

where:

TRH = Reduction in OTΔT K_1 setpoint required to compensate for each 1% measured radial peak, $F^{M}_{\Delta H}(X,Y)$ exceeds its limit.

2.7.5 $F_{\Delta H}(X,Y)$ Penalty Factors for Technical Specification Surveillance 3.2.2.2 are provided in Table 2.

2.8 Axial Flux Difference – AFD (TS 3.2.3)

2.8.1 Axial Flux Difference (AFD) Limits are provided in Figure 5.

Catawba 1 Cycle 21 Core Operating Limits Report

Table 3
Maximum Allowable Radial Peaks (MARPS)

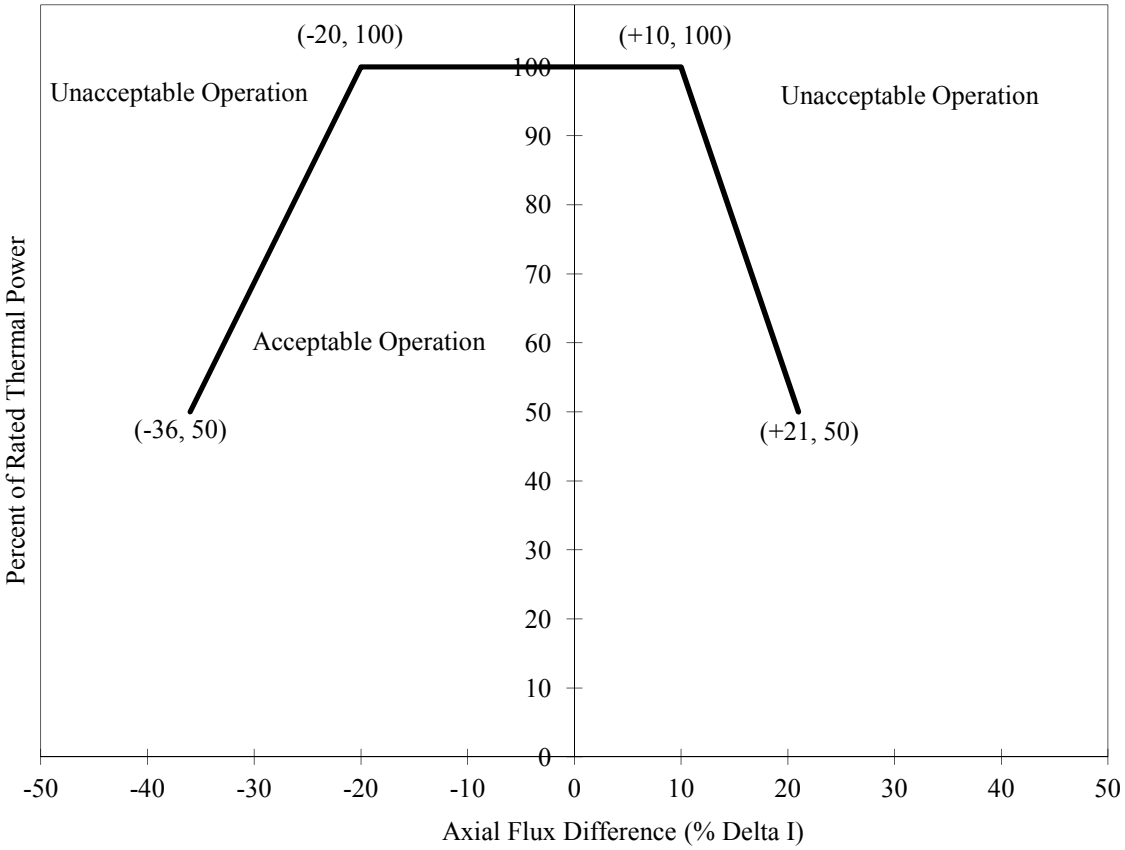
RFA Fuel MARPs
100% Full Power

Core Height (ft)	Axial Peak 1.05	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.1	3.0	3.25
0.12	1.8092	1.8553	1.9489	1.9953	1.9741	2.1073	2.0498	2.0090	1.9333	1.8625	1.7780	1.3151	1.2461
1.20	1.8102	1.8540	1.9401	1.9953	1.9741	2.1073	2.0191	1.9775	1.9009	1.8306	1.7852	1.3007	1.2235
2.40	1.8093	1.8525	1.9312	1.9779	1.9741	2.0735	1.9953	1.9519	1.8760	1.8054	1.7320	1.4633	1.4616
3.60	1.8098	1.8514	1.9204	1.9641	1.9741	2.0495	1.9656	1.9258	1.8524	1.7855	1.6996	1.4675	1.3874
4.80	1.8097	1.8514	1.9058	1.9449	1.9741	2.0059	1.9441	1.9233	1.8538	1.7836	1.6714	1.2987	1.2579
6.00	1.8097	1.8514	1.8921	1.9212	1.9455	1.9336	1.8798	1.8625	1.8024	1.7472	1.6705	1.3293	1.2602
7.20	1.8070	1.8438	1.8716	1.8930	1.8872	1.8723	1.8094	1.7866	1.7332	1.6812	1.5982	1.2871	1.2195
8.40	1.8073	1.8319	1.8452	1.8571	1.8156	1.7950	1.7359	1.7089	1.6544	1.6010	1.5127	1.2182	1.1578
9.60	1.8072	1.8102	1.8093	1.7913	1.7375	1.7182	1.6572	1.6347	1.5808	1.5301	1.4444	1.1431	1.0914
10.80	1.7980	1.7868	1.7611	1.7163	1.6538	1.6315	1.5743	1.5573	1.5088	1.4624	1.3832	1.1009	1.0470
11.40	1.7892	1.7652	1.7250	1.6645	1.6057	1.5826	1.5289	1.5098	1.4637	1.4218	1.3458	1.0670	1.0142

Catawba 1 Cycle 21 Core Operating Limits Report

Figure 5

Percent of Rated Thermal Power Versus Percent Axial Flux Difference Limits



NOTE: Compliance with Technical Specification 3.2.1 may require more restrictive AFD limits. Refer to the Unit 1 ROD manual for operational AFD limits.

Catawba 1 Cycle 21 Core Operating Limits Report

2.9 Reactor Trip System Instrumentation Setpoints (TS 3.3.1) Table 3.3.1-1

2.9.1 Overtemperature ΔT Setpoint Parameter Values

Parameter	Nominal Value
Nominal Tavg at RTP	T' ≤ 585.1 °F
Nominal RCS Operating Pressure	P' = 2235 psig
Overtemperature ΔT reactor trip setpoint	K_1 = 1.1978
Overtemperature ΔT reactor trip heatup setpoint penalty coefficient	K_2 = 0.03340/°F
Overtemperature ΔT reactor trip depressurization setpoint penalty coefficient	K_3 = 0.001601/psi
Time constants utilized in the lead-lag compensator for ΔT	τ_1 = 8 sec. τ_2 = 3 sec.
Time constant utilized in the lag compensator for ΔT	τ_3 = 0 sec.
Time constants utilized in the lead-lag compensator for T_{avg}	τ_4 = 22 sec. τ_5 = 4 sec.
Time constant utilized in the measured T_{avg} lag compensator	τ_6 = 0 sec.
$f_1(\Delta I)$ "positive" breakpoint	= 19.0 %ΔI
$f_1(\Delta I)$ "negative" breakpoint	= N/A*
$f_1(\Delta I)$ "positive" slope	= 1.769 $\%\Delta T_0$/ %ΔI
$f_1(\Delta I)$ "negative" slope	= N/A*

* The $f_1(\Delta I)$ negative breakpoints and slopes for OTΔT are less restrictive than the OPΔT $f_2(\Delta I)$ negative breakpoint and slope. Therefore, during a transient which challenges the negative imbalance limits the OPΔT $f_2(\Delta I)$ limits will result in a reactor trip before the OTΔT $f_1(\Delta I)$ limits are reached. This makes implementation of an OTΔT $f_1(\Delta I)$ negative breakpoint and slope unnecessary.

Catawba 1 Cycle 21 Core Operating Limits Report

2.9.2 Overpower ΔT Setpoint Parameter Values

Parameter	Nominal Value
Nominal Tavg at RTP	T" ≤ 585.1 ºF
Overpower ΔT reactor trip setpoint	K_4 = 1.0864
Overpower ΔT reactor trip penalty	K_5 = 0.02 / °F for increasing Tavg K_5 = 0.00 / °F for decreasing Tavg
Overpower ΔT reactor trip heatup setpoint penalty coefficient (for T>T")	K_6 = 0.001179/°F for T > T" K_6 = 0.0 /°F for T ≤ T"
Time constants utilized in the lead-lag compensator for ΔT	τ_1 = 8 sec. τ_2 = 3 sec.
Time constant utilized in the lag compensator for ΔT	τ_3 = 0 sec.
Time constant utilized in the measured T_{avg} lag compensator	τ_6 = 0 sec.
Time constant utilized in the rate-lag controller for T_{avg}	τ_7 = 10 sec.
$f_2(\Delta I)$ "positive" breakpoint	= 35.0 %ΔI
$f_2(\Delta I)$ "negative" breakpoint	= -35.0 %ΔI
$f_2(\Delta I)$ "positive" slope	= 7.0 $\%\Delta T_0$/ %ΔI
$f_2(\Delta I)$ "negative" slope	= 7.0 $\%\Delta T_0$/ %ΔI

Catawba 1 Cycle 21 Core Operating Limits Report

2.10 Boron Dilution Mitigation System – BDMS (TS 3.3.9)

2.10.1 Reactor Makeup Water Pump combined flow rate limits:

Applicable MODE	Limit
MODE 3	≤ 110 gpm
MODE 4 or 5	≤ 70 gpm

2.11 RCS Pressure, Temperature and Flow DNB Limits (TS 3.4.1)

The RCS pressure, temperature and flow limits for DNB are shown in Table 4.

2.12 Accumulators (TS 3.5.1)

2.12.1 Boron concentration limits during MODES 1 and 2, and MODE 3 with RCS pressure >1000 psi:

Parameter	Applicable Burnup	Limit
Accumulator **minimum** boron concentration.	0 - 200 EFPD	2,500 ppm
Accumulator **minimum** boron concentration.	200.1 - 250 EFPD	2,400 ppm
Accumulator **minimum** boron concentration.	250.1 - 300 EFPD	2,341 ppm
Accumulator **minimum** boron concentration.	300.1 - 350 EFPD	2,273 ppm
Accumulator **minimum** boron concentration.	350.1 - 400 EFPD	2,206 ppm
Accumulator **minimum** boron concentration.	400.1 - 450 EFPD	2,139 ppm
Accumulator **minimum** boron concentration.	450.1 - 500 EFPD	2,073 ppm
Accumulator **minimum** boron concentration.	500.1 - 510 EFPD	2,007 ppm
Accumulator **maximum** boron concentration.	0 - 510 EFPD	3,075 ppm

Catawba 1 Cycle 21 Core Operating Limits Report

Table 4

Reactor Coolant System DNB Parameters

PARAMETER	INDICATION	No. Operable CHANNELS	LIMITS
1. Indicated RCS Average Temperature	meter	4	≤ 587.2 ºF
	meter	3	≤ 586.9 ºF
	computer	4	≤ 587.7 ºF
	computer	3	≤ 587.5 ºF
2. Indicated Pressurizer Pressure	meter	4	≥ 2219.8 psig
	meter	3	≥ 2222.1 psig
	computer	4	≥ 2215.8 psig
	computer	3	≥ 2217.5 psig
3. RCS Total Flow Rate			≥ 388,000 gpm

Catawba 1 Cycle 21 Core Operating Limits Report

2.13 Refueling Water Storage Tank - RWST (TS 3.5.4)

2.13.1 Boron concentration limits during MODES 1, 2, 3, and 4:

Parameter	Limit
RWST minimum boron concentration.	2,700 ppm
RWST maximum boron concentration.	3,075 ppm

2.14 Spent Fuel Pool Boron Concentration (TS 3.7.15)

2.14.1 Minimum boron concentration limit for the spent fuel pool. Applicable when fuel assemblies are stored in the spent fuel pool.

Parameter	Limit
Spent fuel pool minimum boron concentration.	2,700 ppm

2.15 Refueling Operations - Boron Concentration (TS 3.9.1)

2.15.1 Minimum boron concentration limit for filled portions of the Reactor Coolant System, refueling canal, and refueling cavity for MODE 6 conditions. The minimum boron concentration limit and plant refueling procedures ensure that core K_{eff} remains within the MODE 6 reactivity requirement of $K_{eff} \leq 0.95$.

Parameter	Limit
Minimum Boron concentration of the Reactor Coolant System, the refueling canal, and the refueling cavity.	2,700 ppm

Catawba 1 Cycle 21 Core Operating Limits Report

2.16 Standby Shutdown System - (SLC-16.7-9)

2.16.1 Minimum boron concentration limit for the spent fuel pool required for Standby Makeup Pump Water Supply. Applicable for MODES 1, 2, and 3.

Parameter	Limit
Spent fuel pool minimum boron concentration for TR 16.7-9.3.	2,700 ppm

2.17 Boration Systems Borated Water Source – Shutdown (SLC 16.9-11)

2.17.1 Volume and boron concentrations for the Boric Acid Tank (BAT) and the Refueling Water Storage Tank (RWST) during MODE 4 with any RCS cold leg temperature ≤ 210°F, and MODES 5 and 6.

Parameter	Limit
BAT minimum boron concentration	7,000 ppm
Volume of 7,000 ppm boric acid solution required to maintain SDM at 68°F	2,000 gallons
BAT Minimum Shutdown Volume (Includes the additional volumes listed in SLC 16.9-11)	13,086 gallons (14.9%)

NOTE: When cycle burnup is ≥ 471 EFPD, Figure 6 may be used to determine the required BAT Minimum Level.

RWST minimum boron concentration	2,700 ppm
Volume of 2,700 ppm boric acid solution required to maintain SDM at 68 °F	7,000 gallons
RWST Minimum Shutdown Volume (Includes the additional volumes listed in SLC 16.9-11)	48,500 gallons (8.7%)

Catawba 1 Cycle 21 Core Operating Limits Report

2.18 Boration Systems Borated Water Source - Operating (SLC 16.9-12)

2.18.1 Volume and boron concentrations for the Boric Acid Tank (BAT) and the Refueling Water Storage Tank (RWST) during MODES 1, 2, and 3 and MODE 4 with all RCS cold leg temperatures > 210°F.

Parameter	Limit
BAT minimum boron concentration	7,000 ppm
Volume of 7,000 ppm boric acid solution required to maintain SDM at 210°F	13,500 gallons
BAT Minimum Shutdown Volume (Includes the additional volumes listed in SLC 16.9-12)	25,200 gallons (45.8%)

NOTE: When cycle burnup is ≥ 471 EFPD, Figure 6 may be used to determine the required BAT Minimum Level.

RWST minimum boron concentration	2,700 ppm
Volume of 2,700 ppm boric acid solution required to maintain SDM at 210 °F	57,107 gallons
RWST Minimum Shutdown Volume (Includes the additional volumes listed in SLC 16.9-12)	98,607 gallons (22.0%)

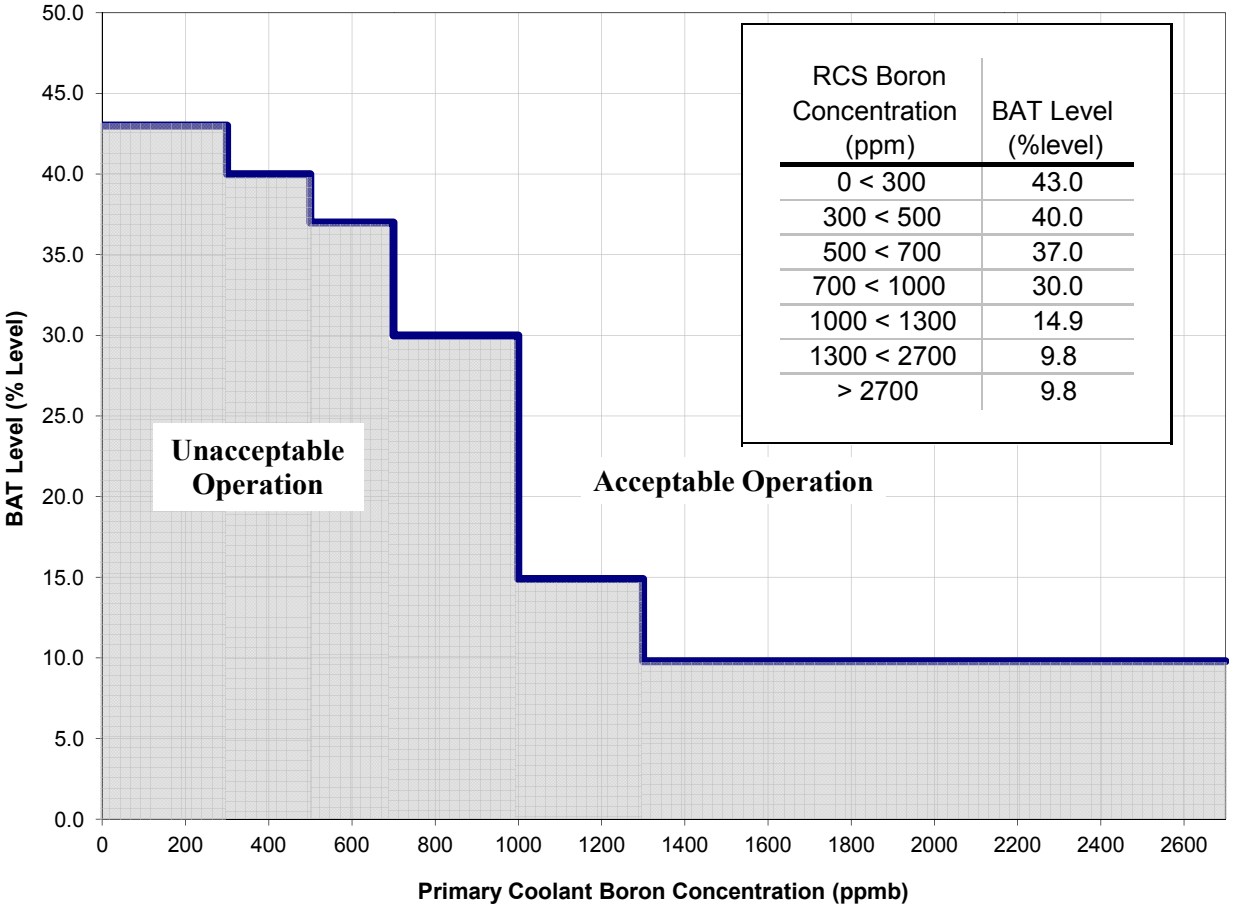
Catawba 1 Cycle 21 Core Operating Limits Report

Figure 6

Boric Acid Storage Tank Indicated Level Versus Primary Coolant Boron Concentration

(Valid When Cycle Burnup is ≥ 471 EFPD)

This figure includes additional volumes listed in SLC 16.9-11 and 16.9-12



RCS Boron Concentration (ppm)	BAT Level (%level)
0 < 300	43.0
300 < 500	40.0
500 < 700	37.0
700 < 1000	30.0
1000 < 1300	14.9
1300 < 2700	9.8
> 2700	9.8

Catawba 1 Cycle 21 Core Operating Limits Report

Appendix A

Power Distribution Monitoring Factors

Appendix A contains power distribution monitoring factors used in Technical Specification Surveillance. This data was generated in the Catawba 1 Cycle 21 Maneuvering Analysis calculation file, CNC-1553.05-00-0579. Due to the size of the monitoring factor data, Appendix A is controlled electronically within Duke and is not included in the Duke internal copies of the COLR. The Catawba Reactor and Electrical Systems Engineering Section controls this information via computer files and should be contacted if there is a need to access this information.

Appendix A is included in the COLR copy transmitted to the NRC.

Appendix A

Power Distribution Monitoring Factors

TABLE A-1

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

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

	H	G	F	E	D	C	B	A
8	.5762	.5921	.5926	.5968	.6808	.5837	.5726	.3136
	2.7779	3.1667	3.2917	3.1651	2.7507	3.1893	3.2183	5.3694
9	.5921	.6756	.6159	.6831	.5903	.5676	.5716	.3156
	3.1667	2.8853	3.1288	2.7928	3.1968	3.2895	3.2408	5.2956
10	.5926	.6158	.5793	.6071	.6512	.5557	.5264	.2928
	3.2917	3.1291	3.3601	3.1704	2.9710	3.4660	3.5951	5.7809
11	.5968	.6832	.6072	.6419	.5490	.5711	.4079	.2128
	3.1651	2.7924	3.1699	3.0456	3.5363	3.3373	4.4135	8.2754
12	.6808	.5904	.6514	.5491	.4653	.5029	.3269	
	2.7507	3.1960	2.9698	3.5357	3.7905	3.5347	5.2503	
13	.5837	.5687	.5561	.5713	.5029	.4369	.2444	
	3.1893	3.2832	3.4636	3.3366	3.5347	3.9938	6.8354	
14	.5726	.5723	.5268	.4080	.3268	.2499		
	3.2183	3.2368	3.5925	4.4127	5.2520	6.6901		
15	.3136	.3158	.2929	.2128	F-SUB-Q			
	5.3694	5.2933	5.7789	8.2724	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.3689	1.2059	1.3023	1.2070	1.4312	1.2059	1.3633	.6613
	1.3473	1.5850	1.5348	1.5961	1.3358	1.5775	1.3816	2.6049
9	1.2059	1.4138	1.3430	1.4150	1.2761	1.2681	1.3639	.6862
	1.5850	1.3911	1.4701	1.3793	1.5090	1.5030	1.3872	2.4892
10	1.3023	1.3427	1.2998	1.3059	1.3025	1.2251	1.2741	.6513
	1.5348	1.4704	1.5279	1.5090	1.5186	1.6008	1.5175	2.6571
11	1.2070	1.4151	1.3060	1.2909	1.1961	1.3082	.8778	.4484
	1.5961	1.3791	1.5088	1.5241	1.6343	1.4832	2.0788	4.0097
12	1.4312	1.2767	1.3030	1.1963	1.0721	1.2427	.7195	
	1.3358	1.5083	1.5181	1.6340	1.7086	1.4935	2.4319	
13	1.2059	1.2705	1.2259	1.3085	1.2428	1.0982	.5712	
	1.5775	1.5004	1.5997	1.4829	1.4934	1.6738	2.9893	
14	1.3633	1.3653	1.2748	.8779	.7194	.5742		
	1.3816	1.3857	1.5166	2.0786	2.4326	2.9761		
15	.6613	.6867	.6514	.4485	F-SUB-Q			
	2.6049	2.4879	2.6565	4.0084	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4242 * 1.3871 * 1.5206 * 1.3703 * 1.4095 * 1.3775 * 1.4568 *  .7310 *
   * 1.3938 * 1.4362 * 1.3352 * 1.4455 * 1.3721 * 1.3993 * 1.3127 * 2.3897 *
   ************************************************************************
 9 * 1.3871 * 1.5192 * 1.5377 * 1.4577 * 1.4739 * 1.4853 * 1.4220 *  .7653 *
   * 1.4362 * 1.3347 * 1.3045 * 1.3654 * 1.3188 * 1.3026 * 1.3482 * 2.2584 *
   ************************************************************************
10 * 1.5206 * 1.5374 * 1.5565 * 1.4936 * 1.4041 * 1.4217 * 1.4220 *  .7478 *
   * 1.3352 * 1.3048 * 1.2929 * 1.3404 * 1.4158 * 1.3975 * 1.3768 * 2.3472 *
   ************************************************************************
11 * 1.3703 * 1.4577 * 1.4937 * 1.4199 * 1.3889 * 1.3081 * 1.0050 *  .5157 *
   * 1.4455 * 1.3654 * 1.3402 * 1.4263 * 1.4212 * 1.5148 * 1.8404 * 3.5361 *
   ************************************************************************
12 * 1.4095 * 1.4754 * 1.4046 * 1.3892 * 1.3421 * 1.3159 *  .8039 *
   * 1.3721 * 1.3174 * 1.4147 * 1.4211 * 1.4399 * 1.4638 * 2.2175 *
   ****************************************************************
13 * 1.3775 * 1.4880 * 1.4227 * 1.3085 * 1.3161 * 1.3360 *  .6744 *
   * 1.3993 * 1.3002 * 1.3964 * 1.5145 * 1.4636 * 1.4123 * 2.5832 *
   ****************************************************************
14 * 1.4568 * 1.4235 * 1.4229 * 1.0051 *  .8038 *  .6861 *
   * 1.3127 * 1.3467 * 1.3758 * 1.8403 * 2.2179 * 2.5409 *
   ********************************************************
15 *  .7310 *  .7659 *  .7480 *  .5158 * F-SUB-Q
   * 2.3897 * 2.2571 * 2.3466 * 3.5350 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5347 * 1.4762 * 1.6378 * 1.4562 * 1.5098 * 1.4710 * 1.5829 *  .7429 *
   * 1.3268 * 1.3953 * 1.2600 * 1.3794 * 1.2962 * 1.3268 * 1.2238 * 2.3834 *
   ************************************************************************
 9 * 1.4762 * 1.6451 * 1.6533 * 1.5789 * 1.5795 * 1.6057 * 1.5468 *  .7780 *
   * 1.3953 * 1.2539 * 1.2304 * 1.2814 * 1.2470 * 1.2204 * 1.2569 * 2.2522 *
   ************************************************************************
10 * 1.6378 * 1.6529 * 1.6842 * 1.6033 * 1.5145 * 1.5343 * 1.5566 *  .7720 *
   * 1.2600 * 1.2306 * 1.2103 * 1.2670 * 1.3249 * 1.3113 * 1.2736 * 2.3043 *
   ************************************************************************
11 * 1.4562 * 1.5789 * 1.6034 * 1.5384 * 1.4886 * 1.4145 * 1.0496 *  .5322 *
   * 1.3794 * 1.2815 * 1.2669 * 1.3365 * 1.3409 * 1.4275 * 1.7904 * 3.4714 *
   ************************************************************************
12 * 1.5098 * 1.5812 * 1.5158 * 1.4888 * 1.4602 * 1.4306 *  .8237 *
   * 1.2962 * 1.2456 * 1.3238 * 1.3407 * 1.3521 * 1.3754 * 2.2065 *
   ****************************************************************
13 * 1.4710 * 1.6088 * 1.5354 * 1.4150 * 1.4309 * 1.4934 *  .7112 *
   * 1.3268 * 1.2181 * 1.3102 * 1.4271 * 1.3752 * 1.2902 * 2.4994 *
   ****************************************************************
14 * 1.5829 * 1.5487 * 1.5577 * 1.0497 *  .8237 *  .7253 *
   * 1.2238 * 1.2555 * 1.2726 * 1.7902 * 2.2066 * 2.4528 *
   ********************************************************
15 *  .7429 *  .7786 *  .7722 *  .5323 * F-SUB-Q
   * 2.3834 * 2.2508 * 2.3037 * 3.4701 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5765 * 1.4999 * 1.6720 * 1.4815 * 1.5573 * 1.5011 * 1.6363 *  .7509 *
   * 1.3203 * 1.3993 * 1.2543 * 1.3769 * 1.2763 * 1.3202 * 1.2017 * 2.3960 *
   ************************************************************************
 9 * 1.4999 * 1.6927 * 1.6916 * 1.6261 * 1.6136 * 1.6439 * 1.6017 *  .7894 *
   * 1.3993 * 1.2363 * 1.2201 * 1.2639 * 1.2392 * 1.2084 * 1.2329 * 2.2553 *
   ************************************************************************
10 * 1.6720 * 1.6912 * 1.7239 * 1.6393 * 1.5611 * 1.5739 * 1.6149 *  .7854 *
   * 1.2543 * 1.2204 * 1.1995 * 1.2574 * 1.3046 * 1.2966 * 1.2446 * 2.2996 *
   ************************************************************************
11 * 1.4815 * 1.6261 * 1.6395 * 1.5843 * 1.5283 * 1.4610 * 1.0739 *  .5365 *
   * 1.3769 * 1.2639 * 1.2573 * 1.3203 * 1.3317 * 1.4066 * 1.7804 * 3.4928 *
   ************************************************************************
12 * 1.5573 * 1.6156 * 1.5625 * 1.5285 * 1.5000 * 1.4845 *  .8396 *
   * 1.2763 * 1.2377 * 1.3034 * 1.3316 * 1.3433 * 1.3531 * 2.2105 *
   ****************************************************************
13 * 1.5011 * 1.6472 * 1.5752 * 1.4616 * 1.4848 * 1.5662 *  .7305 *
   * 1.3202 * 1.2064 * 1.2954 * 1.4062 * 1.3528 * 1.2561 * 2.4876 *
   ****************************************************************
14 * 1.6363 * 1.6038 * 1.6161 * 1.0742 *  .8397 *  .7459 *
   * 1.2017 * 1.2316 * 1.2436 * 1.7800 * 2.2103 * 2.4384 *
   ********************************************************
15 *  .7509 *  .7899 *  .7856 *  .5367 * F-SUB-Q
   * 2.3960 * 2.2540 * 2.2990 * 3.4911 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5878 * 1.5022 * 1.6803 * 1.4873 * 1.5752 * 1.5107 * 1.6582 *  .7564 *
   * 1.3354 * 1.4179 * 1.2663 * 1.3951 * 1.2846 * 1.3358 * 1.2066 * 2.4225 *
   ************************************************************************
 9 * 1.5022 * 1.7071 * 1.7038 * 1.6422 * 1.6250 * 1.6572 * 1.6251 *  .7965 *
   * 1.4179 * 1.2444 * 1.2307 * 1.2718 * 1.2519 * 1.2147 * 1.2368 * 2.2756 *
   ************************************************************************
10 * 1.6803 * 1.7034 * 1.7363 * 1.6516 * 1.5784 * 1.5891 * 1.6404 *  .7926 *
   * 1.2663 * 1.2310 * 1.2096 * 1.2679 * 1.3111 * 1.3037 * 1.2441 * 2.3171 *
   ************************************************************************
11 * 1.4873 * 1.6422 * 1.6518 * 1.6004 * 1.5447 * 1.4804 * 1.0882 *  .5376 *
   * 1.3951 * 1.2718 * 1.2678 * 1.3212 * 1.3425 * 1.4106 * 1.7802 * 3.5364 *
   ************************************************************************
12 * 1.5752 * 1.6271 * 1.5799 * 1.5450 * 1.5163 * 1.5090 *  .8520 *
   * 1.2846 * 1.2503 * 1.3098 * 1.3423 * 1.3557 * 1.3594 * 2.2222 *
   ****************************************************************
13 * 1.5107 * 1.6607 * 1.5905 * 1.4811 * 1.5094 * 1.6026 *  .7423 *
   * 1.3358 * 1.2127 * 1.3024 * 1.4101 * 1.3590 * 1.2578 * 2.5098 *
   ****************************************************************
14 * 1.6582 * 1.6273 * 1.6417 * 1.0886 *  .8522 *  .7582 *
   * 1.2066 * 1.2354 * 1.2431 * 1.7795 * 2.2218 * 2.4596 *
   ********************************************************
15 *  .7564 *  .7971 *  .7930 *  .5379 * F-SUB-Q
   * 2.4225 * 2.2742 * 2.3162 * 3.5345 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6073 * 1.5109 * 1.6966 * 1.4994 * 1.5993 * 1.5258 * 1.6904 *  .7551 *
   * 1.3341 * 1.4250 * 1.2668 * 1.4106 * 1.2922 * 1.3503 * 1.2083 * 2.4783 *
   ************************************************************************
 9 * 1.5109 * 1.7311 * 1.7239 * 1.6678 * 1.6444 * 1.6835 * 1.6570 *  .7938 *
   * 1.4250 * 1.2415 * 1.2378 * 1.2747 * 1.2623 * 1.2195 * 1.2379 * 2.3317 *
   ************************************************************************
10 * 1.6966 * 1.7234 * 1.7578 * 1.6719 * 1.6051 * 1.6120 * 1.6736 *  .7911 *
   * 1.2668 * 1.2381 * 1.2154 * 1.2741 * 1.3119 * 1.3070 * 1.2405 * 2.3658 *
   ************************************************************************
11 * 1.4994 * 1.6678 * 1.6721 * 1.6261 * 1.5678 * 1.5086 * 1.0916 *  .5341 *
   * 1.4106 * 1.2747 * 1.2740 * 1.3140 * 1.3472 * 1.4014 * 1.7899 * 3.6088 *
   ************************************************************************
12 * 1.5993 * 1.6466 * 1.6067 * 1.5680 * 1.5395 * 1.5399 *  .8505 *
   * 1.2922 * 1.2606 * 1.3106 * 1.3470 * 1.3605 * 1.3571 * 2.2696 *
   ****************************************************************
13 * 1.5258 * 1.6865 * 1.6134 * 1.5093 * 1.5404 * 1.6439 *  .7453 *
   * 1.3503 * 1.2173 * 1.3057 * 1.4007 * 1.3567 * 1.2499 * 2.5480 *
   ****************************************************************
14 * 1.6904 * 1.6594 * 1.6750 * 1.0921 *  .8507 *  .7614 *
   * 1.2083 * 1.2361 * 1.2394 * 1.7891 * 2.2691 * 2.4964 *
   *******************************************************
15 *  .7551 *  .7944 *  .7915 *  .5344 * F-SUB-Q
   * 2.4783 * 2.3302 * 2.3648 * 3.6067 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6130 * 1.5111 * 1.7023 * 1.5030 * 1.6108 * 1.5325 * 1.7073 *  .7553 *
   * 1.3531 * 1.4518 * 1.2867 * 1.4380 * 1.3145 * 1.3772 * 1.2252 * 2.5383 *
   ************************************************************************
 9 * 1.5111 * 1.7404 * 1.7330 * 1.6793 * 1.6533 * 1.6990 * 1.6742 *  .7926 *
   * 1.4518 * 1.2546 * 1.2532 * 1.2908 * 1.2849 * 1.2367 * 1.2533 * 2.3915 *
   ************************************************************************
10 * 1.7023 * 1.7325 * 1.7679 * 1.6816 * 1.6179 * 1.6241 * 1.6920 *  .7905 *
   * 1.2867 * 1.2536 * 1.2289 * 1.2883 * 1.3260 * 1.3187 * 1.2507 * 2.4187 *
   ************************************************************************
11 * 1.5030 * 1.6792 * 1.6817 * 1.6376 * 1.5799 * 1.5227 * 1.0946 *  .5322 *
   * 1.4380 * 1.2908 * 1.2882 * 1.3294 * 1.3552 * 1.4109 * 1.8165 * 3.6695 *
   ************************************************************************
12 * 1.6108 * 1.6557 * 1.6195 * 1.5802 * 1.5518 * 1.5564 *  .8509 *
   * 1.3145 * 1.2830 * 1.3247 * 1.3550 * 1.3708 * 1.3640 * 2.2977 *
   ****************************************************************
13 * 1.5325 * 1.7021 * 1.6256 * 1.5236 * 1.5569 * 1.6688 *  .7480 *
   * 1.3772 * 1.2344 * 1.3174 * 1.4102 * 1.3636 * 1.2559 * 2.5853 *
   ****************************************************************
14 * 1.7073 * 1.6767 * 1.6936 * 1.0952 *  .8512 *  .7640 *
   * 1.2252 * 1.2514 * 1.2496 * 1.8155 * 2.2970 * 2.5334 *
   *******************************************************
15 *  .7553 *  .7932 *  .7909 *  .5325 * F-SUB-Q
   * 2.5383 * 2.3899 * 2.4175 * 3.6671 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6227 * 1.5140 * 1.7114 * 1.5091 * 1.6256 * 1.5418 * 1.7278 *  .7532 *
   * 1.3867 * 1.4832 * 1.3044 * 1.4686 * 1.3394 * 1.4080 * 1.2446 * 2.6168 *
   ************************************************************************
 9 * 1.5140 * 1.7543 * 1.7454 * 1.6949 * 1.6651 * 1.7170 * 1.6946 *  .7883 *
   * 1.4832 * 1.2702 * 1.2726 * 1.3081 * 1.3103 * 1.2571 * 1.2713 * 2.4712 *
   ************************************************************************
10 * 1.7114 * 1.7448 * 1.7813 * 1.6941 * 1.6344 * 1.6387 * 1.7133 *  .7877 *
   * 1.3044 * 1.2730 * 1.2467 * 1.3070 * 1.3417 * 1.3346 * 1.2633 * 2.4875 *
   ************************************************************************
11 * 1.5091 * 1.6949 * 1.6943 * 1.6532 * 1.5942 * 1.5402 * 1.0952 *  .5286 *
   * 1.4686 * 1.3081 * 1.3068 * 1.3416 * 1.3780 * 1.4304 * 1.8514 * 3.7642 *
   ************************************************************************
12 * 1.6256 * 1.6675 * 1.6361 * 1.5945 * 1.5661 * 1.5754 *  .8484 *
   * 1.3394 * 1.3082 * 1.3403 * 1.3778 * 1.3957 * 1.3812 * 2.3605 *
   ***************************************************************
13 * 1.5418 * 1.7202 * 1.6403 * 1.5411 * 1.5760 * 1.6947 *  .7481 *
   * 1.4080 * 1.2547 * 1.3333 * 1.4297 * 1.3809 * 1.2667 * 2.6456 *
   ***************************************************************
14 * 1.7278 * 1.6972 * 1.7150 * 1.0958 *  .8488 *  .7642 *
   * 1.2446 * 1.2694 * 1.2621 * 1.8502 * 2.3597 * 2.5921 *
   ********************************************************
15 *  .7532 *  .7889 *  .7882 *  .5290 * F-SUB-Q
   * 2.6168 * 2.4696 * 2.4863 * 3.7617 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5974 * 1.4955 * 1.6937 * 1.4938 * 1.6091 * 1.5291 * 1.7104 *  .7563 *
   * 1.4469 * 1.5402 * 1.3547 * 1.5285 * 1.3979 * 1.4666 * 1.2981 * 2.6899 *
   ************************************************************************
 9 * 1.4955 * 1.7325 * 1.7300 * 1.6757 * 1.6506 * 1.7067 * 1.6799 *  .7955 *
   * 1.5402 * 1.3224 * 1.3217 * 1.3618 * 1.3633 * 1.3048 * 1.3224 * 2.5268 *
   ************************************************************************
10 * 1.6937 * 1.7294 * 1.7658 * 1.6801 * 1.6170 * 1.6270 * 1.6995 *  .7940 *
   * 1.3547 * 1.3221 * 1.2941 * 1.3557 * 1.3943 * 1.3817 * 1.3086 * 2.5396 *
   ************************************************************************
11 * 1.4938 * 1.6756 * 1.6803 * 1.6344 * 1.5828 * 1.5241 * 1.1020 *  .5299 *
   * 1.5285 * 1.3618 * 1.3555 * 1.3928 * 1.4301 * 1.4782 * 1.8838 * 3.8514 *
   ************************************************************************
12 * 1.6091 * 1.6530 * 1.6188 * 1.5831 * 1.5554 * 1.5619 *  .8578 *
   * 1.3979 * 1.3611 * 1.3928 * 1.4298 * 1.4530 * 1.4383 * 2.4032 *
   ***************************************************************
13 * 1.5291 * 1.7099 * 1.6287 * 1.5249 * 1.5625 * 1.6841 *  .7542 *
   * 1.4666 * 1.3024 * 1.3803 * 1.4773 * 1.4380 * 1.3170 * 2.7097 *
   ***************************************************************
14 * 1.7104 * 1.6825 * 1.7013 * 1.1027 *  .8582 *  .7709 *
   * 1.2981 * 1.3204 * 1.3073 * 1.8825 * 2.4023 * 2.6531 *
   ********************************************************
15 *  .7563 *  .7961 *  .7945 *  .5303 * F-SUB-Q
   * 2.6899 * 2.5251 * 2.5382 * 3.8486 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.6198 * 1.5062 * 1.7126 * 1.5074 * 1.6346 * 1.5455 * 1.7454 *  .7502 *
   * 1.4745 * 1.5824 * 1.3871 * 1.5688 * 1.4275 * 1.5054 * 1.3190 * 2.8100 *
   ***********************************************************************
 9 * 1.5062 * 1.7599 * 1.7524 * 1.7043 * 1.6720 * 1.7351 * 1.7133 *  .7853 *
   * 1.5824 * 1.3471 * 1.3499 * 1.3844 * 1.3946 * 1.3304 * 1.3431 * 2.6512 *
   ***********************************************************************
10 * 1.7126 * 1.7518 * 1.7899 * 1.7021 * 1.6462 * 1.6511 * 1.7338 *  .7847 *
   * 1.3871 * 1.3504 * 1.3209 * 1.3840 * 1.4147 * 1.4062 * 1.3249 * 2.6561 *
   ***********************************************************************
11 * 1.5074 * 1.7043 * 1.7023 * 1.6627 * 1.6059 * 1.5537 * 1.0963 *  .5236 *
   * 1.5688 * 1.3844 * 1.3839 * 1.4150 * 1.4496 * 1.4945 * 1.9534 * 4.0166 *
   ***********************************************************************
12 * 1.6346 * 1.6749 * 1.6480 * 1.6062 * 1.5784 * 1.5920 *  .8466 *
   * 1.4275 * 1.3922 * 1.4131 * 1.4493 * 1.4713 * 1.4513 * 2.4994 *
   ***************************************************************
13 * 1.5455 * 1.7385 * 1.6529 * 1.5547 * 1.5926 * 1.7228 *  .7490 *
   * 1.5054 * 1.3277 * 1.4047 * 1.4937 * 1.4509 * 1.3276 * 2.8062 *
   ***************************************************************
14 * 1.7454 * 1.7161 * 1.7356 * 1.0971 *  .8469 *  .7649 *
   * 1.3190 * 1.3410 * 1.3235 * 1.9521 * 2.4985 * 2.7503 *
   ********************************************************
15 *  .7502 *  .7860 *  .7852 *  .5240 * F-SUB-Q
   * 2.8100 * 2.6494 * 2.6545 * 4.0136 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.6177 * 1.5013 * 1.7117 * 1.5055 * 1.6384 * 1.5464 * 1.7529 *  .7488 *
   * 1.5223 * 1.6342 * 1.4343 * 1.6224 * 1.4831 * 1.5668 * 1.3668 * 2.9270 *
   ***********************************************************************
 9 * 1.5013 * 1.7610 * 1.7546 * 1.7076 * 1.6744 * 1.7429 * 1.7213 *  .7835 *
   * 1.6342 * 1.3920 * 1.3979 * 1.4346 * 1.4489 * 1.3781 * 1.3902 * 2.7618 *
   ***********************************************************************
10 * 1.7117 * 1.7539 * 1.7926 * 1.7046 * 1.6506 * 1.6559 * 1.7427 *  .7829 *
   * 1.4343 * 1.3985 * 1.3700 * 1.4351 * 1.4643 * 1.4547 * 1.3677 * 2.7623 *
   ***********************************************************************
11 * 1.5055 * 1.7076 * 1.7048 * 1.6659 * 1.6103 * 1.5593 * 1.0963 *  .5215 *
   * 1.6224 * 1.4346 * 1.4350 * 1.4655 * 1.4972 * 1.5442 * 2.0241 * 4.1705 *
   ***********************************************************************
12 * 1.6384 * 1.6773 * 1.6525 * 1.6106 * 1.5831 * 1.5989 *  .8457 *
   * 1.4831 * 1.4464 * 1.4627 * 1.4969 * 1.5186 * 1.4915 * 2.5871 *
   ***************************************************************
13 * 1.5464 * 1.7464 * 1.6577 * 1.5603 * 1.5995 * 1.7357 *  .7491 *
   * 1.5668 * 1.3753 * 1.4532 * 1.5433 * 1.4913 * 1.3614 * 2.8965 *
   ***************************************************************
14 * 1.7529 * 1.7241 * 1.7447 * 1.0971 *  .8461 *  .7648 *
   * 1.3668 * 1.3880 * 1.3663 * 2.0226 * 2.5861 * 2.8395 *
   ********************************************************
15 *  .7488 *  .7842 *  .7835 *  .5220 * F-SUB-Q
   * 2.9270 * 2.7599 * 2.7605 * 4.1673 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5931 * 1.4827 * 1.6939 * 1.4900 * 1.6219 * 1.5333 * 1.7364 *  .7494 *
   * 1.5047 * 1.6106 * 1.4112 * 1.5953 * 1.4597 * 1.5447 * 1.3629 * 2.8963 *
   ************************************************************************
 9 * 1.4827 * 1.7401 * 1.7392 * 1.6890 * 1.6600 * 1.7324 * 1.7073 *  .7867 *
   * 1.6106 * 1.3718 * 1.3733 * 1.4124 * 1.4305 * 1.3710 * 1.3888 * 2.7261 *
   ************************************************************************
10 * 1.6939 * 1.7385 * 1.7770 * 1.6903 * 1.6339 * 1.6441 * 1.7294 *  .7861 *
   * 1.4112 * 1.3738 * 1.3460 * 1.4139 * 1.4559 * 1.4502 * 1.3756 * 2.7394 *
   ************************************************************************
11 * 1.4900 * 1.6890 * 1.6905 * 1.6478 * 1.5988 * 1.5438 * 1.0998 *  .5208 *
   * 1.5953 * 1.4125 * 1.4138 * 1.4502 * 1.5087 * 1.5509 * 2.0075 * 4.1827 *
   ************************************************************************
12 * 1.6219 * 1.6629 * 1.6358 * 1.5992 * 1.5724 * 1.5858 *  .8515 *
   * 1.4597 * 1.4281 * 1.4542 * 1.5084 * 1.5411 * 1.5229 * 2.5915 *
   ***************************************************************
13 * 1.5333 * 1.7359 * 1.6460 * 1.5448 * 1.5864 * 1.7255 *  .7527 *
   * 1.5447 * 1.3684 * 1.4486 * 1.5499 * 1.5223 * 1.4074 * 2.9471 *
   ***************************************************************
14 * 1.7364 * 1.7101 * 1.7314 * 1.1007 *  .8520 *  .7691 *
   * 1.3629 * 1.3865 * 1.3741 * 2.0058 * 2.5903 * 2.8871 *
   ********************************************************
15 *  .7494 *  .7874 *  .7867 *  .5212 * F-SUB-Q
   * 2.8963 * 2.7241 * 2.7374 * 4.1790 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6092 * 1.4881 * 1.7069 * 1.4985 * 1.6415 * 1.5444 * 1.7660 *  .7416 *
   * 1.4537 * 1.5663 * 1.3670 * 1.5489 * 1.4087 * 1.4977 * 1.3087 * 2.8511 *
   ************************************************************************
 9 * 1.4881 * 1.7615 * 1.7558 * 1.7120 * 1.6761 * 1.7555 * 1.7356 *  .7748 *
   * 1.5663 * 1.3230 * 1.3280 * 1.3605 * 1.3835 * 1.3210 * 1.3339 * 2.6963 *
   ************************************************************************
10 * 1.7069 * 1.7550 * 1.7955 * 1.7068 * 1.6577 * 1.6631 * 1.7587 *  .7751 *
   * 1.3670 * 1.3285 * 1.3004 * 1.3668 * 1.4009 * 1.3990 * 1.3199 * 2.7054 *
   ************************************************************************
11 * 1.4985 * 1.7119 * 1.7069 * 1.6705 * 1.6170 * 1.5684 * 1.0913 *  .5131 *
   * 1.5489 * 1.3605 * 1.3666 * 1.3961 * 1.4538 * 1.4884 * 1.9726 * 4.1263 *
   ************************************************************************
12 * 1.6415 * 1.6792 * 1.6597 * 1.6173 * 1.5907 * 1.6109 *  .8380 *
   * 1.4087 * 1.3810 * 1.3992 * 1.4535 * 1.4843 * 1.4603 * 2.5628 *
   ***************************************************************
13 * 1.5444 * 1.7592 * 1.6650 * 1.5694 * 1.6115 * 1.7599 *  .7460 *
   * 1.4977 * 1.3184 * 1.3975 * 1.4874 * 1.4597 * 1.3443 * 2.8934 *
   ***************************************************************
14 * 1.7660 * 1.7386 * 1.7608 * 1.0923 *  .8384 *  .7613 *
   * 1.3087 * 1.3317 * 1.3184 * 1.9708 * 2.5617 * 2.8379 *
   ********************************************************
15 *  .7416 *  .7755 *  .7758 *  .5136 * F-SUB-Q
   * 2.8511 * 2.6943 * 2.7033 * 4.1226 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6080 * 1.4830 * 1.7060 * 1.4962 * 1.6451 * 1.5445 * 1.7755 *  .7376 *
   * 1.4073 * 1.5188 * 1.3228 * 1.4980 * 1.3571 * 1.4462 * 1.2570 * 2.7642 *
   ************************************************************************
 9 * 1.4830 * 1.7639 * 1.7579 * 1.7163 * 1.6784 * 1.7635 * 1.7453 *  .7681 *
   * 1.5188 * 1.2771 * 1.2829 * 1.3117 * 1.3347 * 1.2713 * 1.2813 * 2.6229 *
   ************************************************************************
10 * 1.7060 * 1.7571 * 1.7986 * 1.7091 * 1.6632 * 1.6679 * 1.7693 *  .7697 *
   * 1.3228 * 1.2834 * 1.2559 * 1.3199 * 1.3483 * 1.3482 * 1.2673 * 2.6262 *
   ************************************************************************
11 * 1.4962 * 1.7163 * 1.7093 * 1.6748 * 1.6219 * 1.5752 * 1.0873 *  .5086 *
   * 1.4980 * 1.3117 * 1.3198 * 1.3455 * 1.4020 * 1.4312 * 1.9075 * 4.0103 *
   ************************************************************************
12 * 1.6451 * 1.6817 * 1.6653 * 1.6223 * 1.5957 * 1.6206 *  .8325 *
   * 1.3571 * 1.3323 * 1.3467 * 1.4017 * 1.4326 * 1.4044 * 2.4828 *
   ****************************************************************
13 * 1.5445 * 1.7673 * 1.6699 * 1.5763 * 1.6208 * 1.7752 *  .7432 *
   * 1.4462 * 1.2687 * 1.3466 * 1.4302 * 1.4038 * 1.2887 * 2.7947 *
   ****************************************************************
14 * 1.7755 * 1.7484 * 1.7715 * 1.0883 *  .8329 *  .7583 *
   * 1.2570 * 1.2792 * 1.2659 * 1.9057 * 2.4816 * 2.7418 *
   ********************************************************
15 *  .7376 *  .7688 *  .7704 *  .5090 * F-SUB-Q
   * 2.7642 * 2.6209 * 2.6241 * 4.0065 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5985 * 1.4733 * 1.6989 * 1.4889 * 1.6411 * 1.5392 * 1.7738 *  .7348 *
   * 1.3692 * 1.4788 * 1.2848 * 1.4567 * 1.3162 * 1.4039 * 1.2170 * 2.6856 *
   ************************************************************************
 9 * 1.4733 * 1.7579 * 1.7532 * 1.7120 * 1.6739 * 1.7633 * 1.7448 *  .7677 *
   * 1.4788 * 1.2399 * 1.2443 * 1.2723 * 1.2947 * 1.2296 * 1.2396 * 2.5400 *
   ************************************************************************
10 * 1.6989 * 1.7524 * 1.7942 * 1.7048 * 1.6600 * 1.6656 * 1.7695 *  .7683 *
   * 1.2848 * 1.2449 * 1.2179 * 1.2799 * 1.3068 * 1.3054 * 1.2249 * 2.5455 *
   ************************************************************************
11 * 1.4889 * 1.7120 * 1.7049 * 1.6705 * 1.6196 * 1.5727 * 1.0862 *  .5059 *
   * 1.4567 * 1.2723 * 1.2798 * 1.3048 * 1.3567 * 1.3855 * 1.8457 * 3.8991 *
   ************************************************************************
12 * 1.6411 * 1.6772 * 1.6621 * 1.6200 * 1.5936 * 1.6215 *  .8318 *
   * 1.3162 * 1.2923 * 1.3051 * 1.3564 * 1.3857 * 1.3570 * 2.4001 *
   ****************************************************************
13 * 1.5392 * 1.7672 * 1.6676 * 1.5738 * 1.6217 * 1.7779 *  .7426 *
   * 1.4039 * 1.2271 * 1.3038 * 1.3845 * 1.3565 * 1.2405 * 2.6987 *
   ****************************************************************
14 * 1.7738 * 1.7479 * 1.7717 * 1.0872 *  .8322 *  .7575 *
   * 1.2170 * 1.2375 * 1.2234 * 1.8439 * 2.3990 * 2.6481 *
   ********************************************************
15 *  .7348 *  .7684 *  .7690 *  .5063 * F-SUB-Q
   * 2.6856 * 2.5379 * 2.5433 * 3.8954 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5772	1.4572	1.6826	1.4749	1.6258	1.5267	1.7570	.7361
	1.4532	1.5671	1.3597	1.5423	1.3932	1.4840	1.2879	2.8122
9	1.4572	1.7381	1.7387	1.6940	1.6599	1.7523	1.7302	.7712
	1.5671	1.3149	1.3153	1.3482	1.3689	1.2968	1.3100	2.6522
10	1.6826	1.7379	1.7790	1.6908	1.6431	1.6532	1.7555	.7718
	1.3597	1.3159	1.2875	1.3527	1.3839	1.3775	1.2931	2.6570
11	1.4749	1.6940	1.6909	1.6526	1.6072	1.5567	1.0893	.5061
	1.5423	1.3482	1.3526	1.3826	1.4306	1.4657	1.9278	4.0849
12	1.6258	1.6632	1.6453	1.6075	1.5816	1.6086	.8373	
	1.3932	1.3663	1.3821	1.4303	1.4600	1.4303	2.4950	
13	1.5267	1.7561	1.6553	1.5578	1.6088	1.7653	.7453	
	1.4840	1.2941	1.3758	1.4647	1.4302	1.3038	2.8099	
14	1.7570	1.7333	1.7578	1.0904	.8378	.7609		
	1.2879	1.3078	1.2916	1.9259	2.4937	2.7550		
15	.7361	.7719	.7725	.5066	F-SUB-Q			
	2.8122	2.6501	2.6548	4.0809	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5991	1.4668	1.7001	1.4863	1.6484	1.5401	1.7893	.7275
	1.3894	1.5130	1.3081	1.4889	1.3372	1.4324	1.2314	2.7732
9	1.4668	1.7644	1.7594	1.7211	1.6784	1.7774	1.7607	.7579
	1.5130	1.2595	1.2639	1.2905	1.3175	1.2445	1.2530	2.6304
10	1.7001	1.7585	1.8010	1.7101	1.6695	1.6739	1.7867	.7600
	1.3081	1.2645	1.2367	1.3005	1.3252	1.3236	1.2361	2.6287
11	1.4863	1.7210	1.7103	1.6784	1.6261	1.5830	1.0793	.4981
	1.4889	1.2905	1.3003	1.3236	1.3722	1.4006	1.8927	4.0420
12	1.6484	1.6818	1.6717	1.6265	1.5999	1.6363	.8216	
	1.3372	1.3149	1.3235	1.3719	1.3980	1.3623	2.4712	
13	1.5401	1.7814	1.6760	1.5841	1.6365	1.7985	.7361	
	1.4324	1.2418	1.3219	1.3996	1.3622	1.2400	2.7612	
14	1.7893	1.7639	1.7890	1.0804	.8221	.7507		
	1.2314	1.2508	1.2346	1.8907	2.4700	2.7102		
15	.7275	.7586	.7607	.4986	F-SUB-Q			
	2.7732	2.6283	2.6265	4.0380	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5971 * 1.4646 * 1.7015 * 1.4849 * 1.6481 * 1.5400 * 1.7913 *  .7241 *
   * 1.3380 * 1.4609 * 1.2605 * 1.4383 * 1.2906 * 1.3824 * 1.1866 * 2.6931 *
   ************************************************************************
 9 * 1.4646 * 1.7653 * 1.7620 * 1.7226 * 1.6793 * 1.7817 * 1.7633 *  .7544 *
   * 1.4609 * 1.2146 * 1.2172 * 1.2441 * 1.2705 * 1.1973 * 1.2068 * 2.5541 *
   ************************************************************************
10 * 1.7015 * 1.7611 * 1.8037 * 1.7120 * 1.6705 * 1.6762 * 1.7894 *  .7566 *
   * 1.2605 * 1.2179 * 1.1911 * 1.2531 * 1.2779 * 1.2746 * 1.1898 * 2.5520 *
   ************************************************************************
11 * 1.4849 * 1.7226 * 1.7122 * 1.6789 * 1.6263 * 1.5831 * 1.0760 *  .4951 *
   * 1.4383 * 1.2441 * 1.2530 * 1.2764 * 1.3202 * 1.3497 * 1.8308 * 3.9345 *
   ************************************************************************
12 * 1.6481 * 1.6828 * 1.6727 * 1.6267 * 1.5999 * 1.6353 *  .8174 *
   * 1.2906 * 1.2679 * 1.2762 * 1.3199 * 1.3427 * 1.3093 * 2.3947 *
   ****************************************************************
13 * 1.5400 * 1.7857 * 1.6783 * 1.5843 * 1.6355 * 1.7986 *  .7320 *
   * 1.3824 * 1.1947 * 1.2730 * 1.3487 * 1.3092 * 1.1905 * 2.6745 *
   ****************************************************************
14 * 1.7913 * 1.7665 * 1.7917 * 1.0771 *  .8178 *  .7464 *
   * 1.1866 * 1.2046 * 1.1884 * 1.8289 * 2.3935 * 2.6254 *
   ********************************************************
15 *  .7241 *  .7552 *  .7573 *  .4956 * F-SUB-Q
   * 2.6931 * 2.5521 * 2.5498 * 3.9305 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5643 * 1.4476 * 1.6819 * 1.4671 * 1.6174 * 1.5227 * 1.7541 *  .7258 *
   * 1.3232 * 1.4330 * 1.2362 * 1.4121 * 1.2756 * 1.3560 * 1.1749 * 2.6086 *
   ************************************************************************
 9 * 1.4476 * 1.7325 * 1.7409 * 1.6907 * 1.6577 * 1.7585 * 1.7288 *  .7617 *
   * 1.4330 * 1.2003 * 1.1944 * 1.2293 * 1.2482 * 1.1757 * 1.1931 * 2.4561 *
   ************************************************************************
10 * 1.6819 * 1.7400 * 1.7810 * 1.6916 * 1.6385 * 1.6549 * 1.7542 *  .7621 *
   * 1.2362 * 1.1950 * 1.1693 * 1.2295 * 1.2634 * 1.2509 * 1.1759 * 2.4589 *
   ************************************************************************
11 * 1.4671 * 1.6906 * 1.6917 * 1.6466 * 1.6029 * 1.5495 * 1.0784 *  .4972 *
   * 1.4121 * 1.2293 * 1.2294 * 1.2620 * 1.2966 * 1.3360 * 1.7710 * 3.8036 *
   ************************************************************************
12 * 1.6174 * 1.6611 * 1.6407 * 1.6033 * 1.5770 * 1.5963 *  .8243 *
   * 1.2756 * 1.2457 * 1.2618 * 1.2963 * 1.3178 * 1.2963 * 2.3009 *
   ****************************************************************
13 * 1.5227 * 1.7625 * 1.6571 * 1.5507 * 1.5965 * 1.7547 *  .7321 *
   * 1.3560 * 1.1732 * 1.2493 * 1.3350 * 1.2962 * 1.1787 * 2.5887 *
   ****************************************************************
14 * 1.7541 * 1.7320 * 1.7565 * 1.0795 *  .8248 *  .7473 *
   * 1.1749 * 1.1910 * 1.1744 * 1.7692 * 2.2997 * 2.5385 *
   ********************************************************
15 *  .7258 *  .7624 *  .7628 *  .4977 * F-SUB-Q
   * 2.6086 * 2.4542 * 2.4569 * 3.7998 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5704 * 1.4541 * 1.6904 * 1.4725 * 1.6166 * 1.5274 * 1.7558 *  .7168 *
   * 1.2845 * 1.3909 * 1.1988 * 1.3721 * 1.2456 * 1.3180 * 1.1442 * 2.5784 *
   ************************************************************************
 9 * 1.4541 * 1.7338 * 1.7478 * 1.6928 * 1.6641 * 1.7639 * 1.7279 *  .7481 *
   * 1.3909 * 1.1695 * 1.1596 * 1.1970 * 1.2122 * 1.1421 * 1.1634 * 2.4410 *
   ************************************************************************
10 * 1.6904 * 1.7469 * 1.7868 * 1.6993 * 1.6402 * 1.6613 * 1.7508 *  .7463 *
   * 1.1988 * 1.1602 * 1.1360 * 1.1930 * 1.2305 * 1.2150 * 1.1479 * 2.4510 *
   ************************************************************************
11 * 1.4725 * 1.6928 * 1.6994 * 1.6484 * 1.6066 * 1.5515 * 1.0612 *  .4889 *
   * 1.3721 * 1.1971 * 1.1929 * 1.2290 * 1.2597 * 1.3001 * 1.7548 * 3.7769 *
   ************************************************************************
12 * 1.6166 * 1.6675 * 1.6424 * 1.6070 * 1.5797 * 1.5898 *  .8075 *
   * 1.2456 * 1.2097 * 1.2289 * 1.2594 * 1.2808 * 1.2687 * 2.2897 *
   ****************************************************************
13 * 1.5274 * 1.7679 * 1.6634 * 1.5526 * 1.5905 * 1.7396 *  .7142 *
   * 1.3180 * 1.1396 * 1.2135 * 1.2992 * 1.2681 * 1.1561 * 2.5854 *
   ****************************************************************
14 * 1.7558 * 1.7311 * 1.7530 * 1.0623 *  .8079 *  .7281 *
   * 1.1442 * 1.1614 * 1.1465 * 1.7531 * 2.2887 * 2.5383 *
   ********************************************************
15 *  .7168 *  .7489 *  .7470 *  .4894 * F-SUB-Q
   * 2.5784 * 2.4390 * 2.4489 * 3.7732 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5322 * 1.4170 * 1.6301 * 1.4338 * 1.5681 * 1.4798 * 1.6907 *  .7131 *
   * 1.2478 * 1.3991 * 1.2182 * 1.3814 * 1.2189 * 1.3333 * 1.1643 * 2.5437 *
   ************************************************************************
 9 * 1.4170 * 1.6643 * 1.6885 * 1.6268 * 1.6099 * 1.6981 * 1.6616 *  .7393 *
   * 1.3991 * 1.1942 * 1.1762 * 1.2206 * 1.2277 * 1.1622 * 1.1854 * 2.4244 *
   ************************************************************************
10 * 1.6301 * 1.6877 * 1.7112 * 1.6466 * 1.5771 * 1.6035 * 1.6735 *  .7292 *
   * 1.2182 * 1.1767 * 1.1622 * 1.2059 * 1.2545 * 1.2334 * 1.1765 * 2.4620 *
   ************************************************************************
11 * 1.4338 * 1.6268 * 1.6468 * 1.5835 * 1.5500 * 1.5017 * 1.0344 *  .4743 *
   * 1.3814 * 1.2207 * 1.2058 * 1.2539 * 1.2788 * 1.2807 * 1.7655 * 3.8247 *
   ************************************************************************
12 * 1.5681 * 1.6129 * 1.5791 * 1.5504 * 1.5172 * 1.5354 *  .7988 *
   * 1.2189 * 1.2255 * 1.2530 * 1.2785 * 1.3060 * 1.2858 * 2.2698 *
   ****************************************************************
13 * 1.4798 * 1.7019 * 1.6055 * 1.5028 * 1.5361 * 1.6396 *  .6866 *
   * 1.3333 * 1.1597 * 1.2319 * 1.2799 * 1.2852 * 1.2006 * 2.6378 *
   ****************************************************************
14 * 1.6907 * 1.6646 * 1.6757 * 1.0354 *  .7992 *  .6993 *
   * 1.1643 * 1.1833 * 1.1750 * 1.7639 * 2.2687 * 2.5920 *
   ********************************************************
15 *  .7131 *  .7400 *  .7298 *  .4747 * F-SUB-Q
   * 2.5437 * 2.4224 * 2.4600 * 3.8209 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5579	1.2584	1.3881	1.2635	1.5918	1.2830	1.5878	.6506
	1.2478	1.5476	1.4089	1.5402	1.2189	1.5139	1.2197	2.7524
9	1.2584	1.5249	1.4629	1.5635	1.3677	1.4599	1.5977	.6787
	1.5476	1.2802	1.3358	1.2467	1.4241	1.3304	1.2126	2.6061
10	1.3881	1.4622	1.4096	1.4301	1.4519	1.3720	1.4909	.6486
	1.4089	1.3364	1.3892	1.3661	1.3407	1.4192	1.3003	2.7317
11	1.2635	1.5637	1.4303	1.4421	1.3252	1.5171	.9231	.4156
	1.5402	1.2466	1.3659	1.3521	1.4723	1.2807	1.9502	4.3126
12	1.5918	1.3689	1.4530	1.3258	1.2476	1.4970	.7395	
	1.2189	1.4229	1.3397	1.4717	1.5637	1.2975	2.4182	
13	1.2830	1.4629	1.3737	1.5181	1.4977	1.3562	.5892	
	1.5139	1.3276	1.4176	1.2799	1.2968	1.4303	3.0337	
14	1.5878	1.6001	1.4927	.9240	.7400	.6001		
	1.2197	1.2109	1.2988	1.9484	2.4169	2.9809		
15	.6506	.6795	.6492	.4160	F-SUB-Q			
	2.7524	2.6036	2.7295	4.3085	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.6754	.5772	.5767	.5787	.6840	.5713	.6022	.2956
	2.8536	3.3442	3.3539	3.3307	2.8122	3.3684	3.1868	6.0105
9	.5772	.6595	.6054	.6785	.5764	.5859	.6035	.3011
	3.3443	2.9289	3.1935	2.8427	3.3426	3.2820	3.1808	5.8310
10	.5767	.6052	.5670	.6012	.6538	.5678	.5544	.2816
	3.3539	3.1946	3.4130	3.2113	2.9490	3.3936	3.4656	6.2452
11	.5787	.6787	.6015	.6452	.5514	.6047	.4086	.1884
	3.3307	2.8420	3.2101	2.9929	3.5002	3.1838	4.3675	9.4496
12	.6840	.5768	.6543	.5516	.5104	.5678	.3262	
	2.8122	3.3402	2.9472	3.4989	3.7809	3.3894	5.4398	
13	.5713	.5870	.5684	.6051	.5681	.4942	.2512	
	3.3684	3.2758	3.3900	3.1816	3.3876	3.8919	7.0635	
14	.6022	.6044	.5551	.4090	.3264	.2552		
	3.1868	3.1764	3.4615	4.3640	5.4359	6.9585		
15	.2956	.3014	.2819	.1886	F-SUB-Q			
	6.0105	5.8260	6.2395	9.4401	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.5093	.5208	.5231	.5282	.6025	.5147	.5133	.2836
	3.1288	3.5737	3.7050	3.5492	3.0833	3.5835	3.5542	5.8689
9	.5208	.5957	.5434	.6052	.5212	.5067	.5123	.2839
	3.5737	3.2493	3.5375	3.1322	3.5903	3.6503	3.5811	5.8072
10	.5231	.5432	.5131	.5370	.5842	.4984	.4750	.2645
	3.7050	3.5379	3.7685	3.5652	3.2866	3.8336	3.9529	6.3315
11	.5282	.6053	.5371	.5752	.4900	.5159	.3663	.1944
	3.5492	3.1318	3.5646	3.3758	3.9346	3.6695	4.8621	8.9722
12	.6025	.5214	.5844	.4901	.4199	.4564	.2969	
	3.0833	3.5889	3.2854	3.9339	4.1531	3.8706	5.7327	
13	.5147	.5076	.4987	.5160	.4564	.4003	.2238	
	3.5835	3.6437	3.8310	3.6688	3.8706	4.3404	7.4189	
14	.5133	.5129	.4753	.3663	.2969	.2287		
	3.5542	3.5772	3.9502	4.8613	5.7346	7.2616		
15	.2836	.2841	.2646	.1944	F-SUB-Q			
	5.8689	5.8056	6.3296	8.9691	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2332	1.0838	1.1696	1.0914	1.2888	1.0812	1.2373	.6121
	1.4940	1.7635	1.7000	1.7541	1.4733	1.7446	1.5089	2.7837
9	1.0838	1.2782	1.2092	1.2831	1.1585	1.1502	1.2376	.6311
	1.7635	1.5331	1.6266	1.5126	1.6503	1.6395	1.5154	2.6731
10	1.1696	1.2089	1.1709	1.1831	1.1979	1.1180	1.1621	.5989
	1.7000	1.6269	1.6861	1.6579	1.6475	1.7419	1.6501	2.8597
11	1.0914	1.2832	1.1832	1.1878	1.0987	1.1966	.8010	.4173
	1.7541	1.5125	1.6578	1.6478	1.7699	1.6131	2.2564	4.2698
12	1.2888	1.1590	1.1983	1.0989	.9882	1.1436	.6663	
	1.4733	1.6496	1.6470	1.7696	1.8475	1.6174	2.6082	
13	1.0812	1.1523	1.1186	1.1969	1.1437	1.0177	.5305	
	1.7446	1.6368	1.7407	1.6128	1.6173	1.8006	3.2031	
14	1.2373	1.2388	1.1627	.8011	.6662	.5334		
	1.5089	1.5139	1.6492	2.2563	2.6090	3.1866		
15	.6121	.6315	.5990	.4174	F-SUB-Q			
	2.7837	2.6718	2.8592	4.2686	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3629	1.2848	1.3953	1.2702	1.3724	1.2858	1.3841	.7043
	1.4427	1.5457	1.4511	1.5321	1.4010	1.4884	1.3701	2.4566
9	1.2848	1.4157	1.4206	1.3687	1.3789	1.3818	1.3571	.7346
	1.5457	1.4097	1.4068	1.4312	1.4007	1.3904	1.4074	2.3302
10	1.3953	1.4203	1.4291	1.3923	1.3395	1.3326	1.3512	.7121
	1.4511	1.4070	1.4020	1.4322	1.4792	1.4820	1.4386	2.4425
11	1.2702	1.3687	1.3924	1.3376	1.3153	1.2743	.9502	.4931
	1.5321	1.4309	1.4320	1.5079	1.5006	1.5418	1.9308	3.6683
12	1.3724	1.3802	1.3400	1.3155	1.2653	1.2723	.7756	
	1.4010	1.3993	1.4786	1.5005	1.5231	1.5099	2.2852	
13	1.2858	1.3842	1.3335	1.2747	1.2724	1.2715	.6434	
	1.4884	1.3879	1.4809	1.5414	1.5097	1.4809	2.6974	
14	1.3841	1.3587	1.3520	.9502	.7755	.6544		
	1.3701	1.4058	1.4377	1.9308	2.2856	2.6523		
15	.7043	.7351	.7123	.4932	F-SUB-Q			
	2.4566	2.3290	2.4419	3.6672	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5113	1.3918	1.5277	1.3758	1.5248	1.4071	1.5494	.7416
	1.3368	1.4625	1.3489	1.4372	1.2784	1.3804	1.2419	2.3684
9	1.3918	1.5659	1.5547	1.5180	1.5139	1.5254	1.5208	.7724
	1.4625	1.3099	1.3046	1.3168	1.2947	1.2729	1.2739	2.2501
10	1.5277	1.5544	1.5709	1.5219	1.4756	1.4693	1.5198	.7566
	1.3489	1.3049	1.2940	1.3299	1.3589	1.3635	1.2967	2.3333
11	1.3758	1.5180	1.5221	1.4824	1.4408	1.4204	1.0200	.5222
	1.4372	1.3165	1.3297	1.3835	1.3869	1.4091	1.8299	3.5137
12	1.5248	1.5155	1.4761	1.4411	1.4060	1.4272	.8202	
	1.2784	1.2933	1.3577	1.3867	1.4020	1.3762	2.2057	
13	1.4071	1.5282	1.4704	1.4209	1.4275	1.4564	.6947	
	1.3804	1.2710	1.3625	1.4087	1.3760	1.3215	2.5519	
14	1.5494	1.5226	1.5208	1.0201	.8202	.7085		
	1.2419	1.2723	1.2958	1.8297	2.2058	2.5031		
15	.7416	.7729	.7567	.5223	F-SUB-Q			
	2.3684	2.2488	2.3328	3.5124	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5846 * 1.4383 * 1.5805 * 1.4253 * 1.6066 * 1.4633 * 1.6349 *  .7673 *
   * 1.3045 * 1.4474 * 1.3274 * 1.4109 * 1.2345 * 1.3507 * 1.1969 * 2.3300 *
   ************************************************************************
 9 * 1.4383 * 1.6352 * 1.6141 * 1.5890 * 1.5759 * 1.5956 * 1.6075 *  .8020 *
   * 1.4474 * 1.2828 * 1.2772 * 1.2777 * 1.2652 * 1.2354 * 1.2251 * 2.2059 *
   ************************************************************************
10 * 1.5805 * 1.6137 * 1.6283 * 1.5810 * 1.5479 * 1.5336 * 1.6079 *  .7864 *
   * 1.3274 * 1.2775 * 1.2679 * 1.3013 * 1.3154 * 1.3269 * 1.2449 * 2.2830 *
   ************************************************************************
11 * 1.4253 * 1.5890 * 1.5812 * 1.5523 * 1.5034 * 1.5026 * 1.0653 *  .5377 *
   * 1.4109 * 1.2774 * 1.3011 * 1.3461 * 1.3555 * 1.3596 * 1.7853 * 3.4667 *
   ************************************************************************
12 * 1.6066 * 1.5777 * 1.5486 * 1.5038 * 1.4706 * 1.5128 *  .8555 *
   * 1.2345 * 1.2637 * 1.3142 * 1.3553 * 1.3701 * 1.3270 * 2.1623 *
   ****************************************************************
13 * 1.4633 * 1.5981 * 1.5348 * 1.5031 * 1.5131 * 1.5562 *  .7274 *
   * 1.3507 * 1.2334 * 1.3258 * 1.3591 * 1.3267 * 1.2646 * 2.4946 *
   ****************************************************************
14 * 1.6349 * 1.6095 * 1.6091 * 1.0655 *  .8556 *  .7428 *
   * 1.1969 * 1.2236 * 1.2440 * 1.7849 * 2.1622 * 2.4440 *
   ********************************************************
15 *  .7673 *  .8025 *  .7866 *  .5379 * F-SUB-Q
   * 2.3300 * 2.2047 * 2.2824 * 3.4652 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6191 * 1.4600 * 1.6045 * 1.4523 * 1.6502 * 1.4939 * 1.6828 *  .7866 *
   * 1.3033 * 1.4529 * 1.3298 * 1.4125 * 1.2262 * 1.3500 * 1.1861 * 2.3202 *
   ************************************************************************
 9 * 1.4600 * 1.6676 * 1.6442 * 1.6245 * 1.6088 * 1.6373 * 1.6566 *  .8234 *
   * 1.4529 * 1.2770 * 1.2765 * 1.2721 * 1.2638 * 1.2272 * 1.2116 * 2.1925 *
   ************************************************************************
10 * 1.6045 * 1.6438 * 1.6566 * 1.6124 * 1.5871 * 1.5699 * 1.6581 *  .8069 *
   * 1.3298 * 1.2768 * 1.2674 * 1.2988 * 1.3057 * 1.3189 * 1.2284 * 2.2675 *
   ************************************************************************
11 * 1.4523 * 1.6245 * 1.6125 * 1.5884 * 1.5400 * 1.5502 * 1.0965 *  .5477 *
   * 1.4125 * 1.2717 * 1.2987 * 1.3330 * 1.3492 * 1.3417 * 1.7602 * 3.4602 *
   ************************************************************************
12 * 1.6502 * 1.6108 * 1.5877 * 1.5404 * 1.5078 * 1.5630 *  .8827 *
   * 1.2262 * 1.2622 * 1.3045 * 1.3490 * 1.3653 * 1.3135 * 2.1413 *
   ****************************************************************
13 * 1.4939 * 1.6399 * 1.5712 * 1.5509 * 1.5634 * 1.6160 *  .7509 *
   * 1.3500 * 1.2252 * 1.3177 * 1.3412 * 1.3132 * 1.2497 * 2.4802 *
   ****************************************************************
14 * 1.6828 * 1.6587 * 1.6594 * 1.0969 *  .8829 *  .7666 *
   * 1.1861 * 1.2100 * 1.2274 * 1.7596 * 2.1410 * 2.4303 *
   ********************************************************
15 *  .7866 *  .8240 *  .8072 *  .5480 * F-SUB-Q
   * 2.3202 * 2.1912 * 2.2668 * 3.4585 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6550 * 1.4795 * 1.6316 * 1.4796 * 1.6964 * 1.5243 * 1.7359 *  .7960 *
   * 1.2961 * 1.4577 * 1.3238 * 1.4183 * 1.2212 * 1.3548 * 1.1769 * 2.3480 *
   ************************************************************************
 9 * 1.4795 * 1.7048 * 1.6769 * 1.6647 * 1.6442 * 1.6814 * 1.7094 *  .8317 *
   * 1.4577 * 1.2666 * 1.2766 * 1.2678 * 1.2650 * 1.2223 * 1.2005 * 2.2222 *
   ************************************************************************
10 * 1.6316 * 1.6764 * 1.6891 * 1.6464 * 1.6296 * 1.6087 * 1.7118 *  .8154 *
   * 1.3238 * 1.2769 * 1.2666 * 1.2970 * 1.2958 * 1.3124 * 1.2134 * 2.2926 *
   ************************************************************************
11 * 1.4796 * 1.6647 * 1.6466 * 1.6291 * 1.5797 * 1.6002 * 1.1132 *  .5510 *
   * 1.4183 * 1.2674 * 1.2968 * 1.3172 * 1.3413 * 1.3205 * 1.7545 * 3.4988 *
   ************************************************************************
12 * 1.6964 * 1.6463 * 1.6304 * 1.5800 * 1.5471 * 1.6152 *  .8928 *
   * 1.2212 * 1.2633 * 1.2946 * 1.3411 * 1.3597 * 1.2987 * 2.1621 *
   ***************************************************************
13 * 1.5243 * 1.6842 * 1.6100 * 1.6009 * 1.6156 * 1.6770 *  .7629 *
   * 1.3548 * 1.2203 * 1.3113 * 1.3199 * 1.2984 * 1.2302 * 2.4958 *
   ***************************************************************
14 * 1.7359 * 1.7117 * 1.7132 * 1.1137 *  .8930 *  .7790 *
   * 1.1769 * 1.1989 * 1.2124 * 1.7537 * 2.1617 * 2.4450 *
   ******************************************************
15 *  .7960 *  .8323 *  .8158 *  .5513 * F-SUB-Q
   * 2.3480 * 2.2210 * 2.2917 * 3.4969 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6722 * 1.4879 * 1.6451 * 1.4950 * 1.7241 * 1.5429 * 1.7695 *  .8045 *
   * 1.3087 * 1.4787 * 1.3418 * 1.4405 * 1.2345 * 1.3754 * 1.1863 * 2.3872 *
   ************************************************************************
 9 * 1.4879 * 1.7237 * 1.6952 * 1.6871 * 1.6656 * 1.7109 * 1.7432 *  .8391 *
   * 1.4787 * 1.2758 * 1.2887 * 1.2821 * 1.2817 * 1.2326 * 1.2079 * 2.2627 *
   ************************************************************************
10 * 1.6451 * 1.6947 * 1.7084 * 1.6664 * 1.6549 * 1.6333 * 1.7465 *  .8228 *
   * 1.3418 * 1.2890 * 1.2776 * 1.3072 * 1.3035 * 1.3181 * 1.2160 * 2.3279 *
   ************************************************************************
11 * 1.4950 * 1.6871 * 1.6666 * 1.6521 * 1.6048 * 1.6317 * 1.1269 *  .5543 *
   * 1.4405 * 1.2817 * 1.3071 * 1.3255 * 1.3426 * 1.3194 * 1.7695 * 3.5342 *
   ************************************************************************
12 * 1.7241 * 1.6678 * 1.6564 * 1.6051 * 1.5721 * 1.6487 *  .9025 *
   * 1.2345 * 1.2799 * 1.3023 * 1.3423 * 1.3619 * 1.2955 * 2.1743 *
   ***************************************************************
13 * 1.5429 * 1.7137 * 1.6347 * 1.6324 * 1.6492 * 1.7179 *  .7729 *
   * 1.3754 * 1.2306 * 1.3169 * 1.3188 * 1.2951 * 1.2271 * 2.5133 *
   ***************************************************************
14 * 1.7695 * 1.7457 * 1.7480 * 1.1275 *  .9027 *  .7891 *
   * 1.1863 * 1.2062 * 1.2150 * 1.7686 * 2.1738 * 2.4626 *
   ******************************************************
15 *  .8045 *  .8396 *  .8232 *  .5546 * F-SUB-Q
   * 2.3872 * 2.2614 * 2.3269 * 3.5321 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6893 * 1.4954 * 1.6588 * 1.5092 * 1.7520 * 1.5604 * 1.8029 *  .8086 *
   * 1.3409 * 1.5184 * 1.3583 * 1.4700 * 1.2532 * 1.4033 * 1.2011 * 2.4498 *
   ************************************************************************
 9 * 1.4954 * 1.7439 * 1.7133 * 1.7102 * 1.6862 * 1.7396 * 1.7766 *  .8408 *
   * 1.5184 * 1.2889 * 1.3069 * 1.3016 * 1.3044 * 1.2493 * 1.2210 * 2.3284 *
   ************************************************************************
10 * 1.6588 * 1.7128 * 1.7276 * 1.6858 * 1.6815 * 1.6571 * 1.7807 *  .8260 *
   * 1.3583 * 1.3073 * 1.2947 * 1.3241 * 1.3153 * 1.3308 * 1.2239 * 2.3845 *
   ************************************************************************
11 * 1.5092 * 1.7102 * 1.6860 * 1.6759 * 1.6288 * 1.6626 * 1.1355 *  .5545 *
   * 1.4700 * 1.3012 * 1.3239 * 1.3343 * 1.3605 * 1.3319 * 1.7931 * 3.6116 *
   ************************************************************************
12 * 1.7520 * 1.6885 * 1.6831 * 1.6291 * 1.5960 * 1.6811 *  .9062 *
   * 1.2532 * 1.3026 * 1.3141 * 1.3600 * 1.3832 * 1.3075 * 2.2259 *
   ****************************************************************
13 * 1.5604 * 1.7426 * 1.6586 * 1.6634 * 1.6817 * 1.7569 *  .7785 *
   * 1.4033 * 1.2471 * 1.3296 * 1.3312 * 1.3071 * 1.2335 * 2.5630 *
   ****************************************************************
14 * 1.8029 * 1.7791 * 1.7823 * 1.1362 *  .9064 *  .7950 *
   * 1.2011 * 1.2192 * 1.2228 * 1.7921 * 2.2253 * 2.5107 *
   ******************************************************
15 *  .8086 *  .8413 *  .8264 *  .5549 * F-SUB-Q
   * 2.4498 * 2.3271 * 2.3834 * 3.6094 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6689 * 1.4849 * 1.6446 * 1.4999 * 1.7405 * 1.5552 * 1.7936 *  .8166 *
   * 1.3998 * 1.5747 * 1.4101 * 1.5305 * 1.3071 * 1.4593 * 1.2511 * 2.5123 *
   ************************************************************************
 9 * 1.4849 * 1.7261 * 1.7023 * 1.6958 * 1.6785 * 1.7372 * 1.7701 *  .8541 *
   * 1.5747 * 1.3411 * 1.3570 * 1.3576 * 1.3562 * 1.2949 * 1.2681 * 2.3729 *
   ************************************************************************
10 * 1.6446 * 1.7018 * 1.7169 * 1.6767 * 1.6712 * 1.6524 * 1.7751 *  .8377 *
   * 1.4101 * 1.3574 * 1.3434 * 1.3728 * 1.3643 * 1.3761 * 1.2659 * 2.4278 *
   ************************************************************************
11 * 1.4999 * 1.6958 * 1.6769 * 1.6628 * 1.6243 * 1.6563 * 1.1488 *  .5590 *
   * 1.5305 * 1.3572 * 1.3726 * 1.3837 * 1.4072 * 1.3718 * 1.8208 * 3.6864 *
   ************************************************************************
12 * 1.7405 * 1.6808 * 1.6729 * 1.6246 * 1.5926 * 1.6765 *  .9220 *
   * 1.3071 * 1.3543 * 1.3629 * 1.4068 * 1.4351 * 1.3575 * 2.2556 *
   ****************************************************************
13 * 1.5552 * 1.7402 * 1.6539 * 1.6571 * 1.6771 * 1.7555 *  .7894 *
   * 1.4593 * 1.2926 * 1.3748 * 1.3711 * 1.3570 * 1.2795 * 2.6178 *
   ****************************************************************
14 * 1.7936 * 1.7726 * 1.7768 * 1.1495 *  .9223 *  .8066 *
   * 1.2511 * 1.2663 * 1.2648 * 1.8197 * 2.2548 * 2.5628 *
   ******************************************************
15 *  .8166 *  .8547 *  .8382 *  .5594 * F-SUB-Q
   * 2.5123 * 2.3715 * 2.4266 * 3.6840 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6928 * 1.4900 * 1.6621 * 1.5160 * 1.7752 * 1.5737 * 1.8364 *  .8136 *
   * 1.4279 * 1.6216 * 1.4465 * 1.5740 * 1.3337 * 1.5012 * 1.2715 * 2.6217 *
   ************************************************************************
 9 * 1.4900 * 1.7541 * 1.7246 * 1.7265 * 1.7027 * 1.7705 * 1.8115 *  .8461 *
   * 1.6216 * 1.3681 * 1.3885 * 1.3841 * 1.3900 * 1.3210 * 1.2878 * 2.4894 *
   ************************************************************************
10 * 1.6621 * 1.7240 * 1.7407 * 1.6998 * 1.7049 * 1.6800 * 1.8175 *  .8306 *
   * 1.4465 * 1.3889 * 1.3735 * 1.4036 * 1.3855 * 1.4018 * 1.2814 * 2.5390 *
   ************************************************************************
11 * 1.5160 * 1.7265 * 1.7001 * 1.6936 * 1.6518 * 1.6937 * 1.1470 *  .5544 *
   * 1.5740 * 1.3841 * 1.4035 * 1.4072 * 1.4258 * 1.3863 * 1.8873 * 3.8406 *
   ************************************************************************
12 * 1.7752 * 1.7052 * 1.7067 * 1.6521 * 1.6198 * 1.7156 *  .9142 *
   * 1.3337 * 1.3880 * 1.3841 * 1.4254 * 1.4543 * 1.3667 * 2.3432 *
   ****************************************************************
13 * 1.5737 * 1.7736 * 1.6816 * 1.6946 * 1.7162 * 1.8026 *  .7868 *
   * 1.5012 * 1.3187 * 1.4004 * 1.3856 * 1.3662 * 1.2871 * 2.7065 *
   ****************************************************************
14 * 1.8364 * 1.8142 * 1.8193 * 1.1478 *  .9145 *  .8032 *
   * 1.2715 * 1.2860 * 1.2802 * 1.8861 * 2.3425 * 2.6518 *
   ********************************************************
15 *  .8136 *  .8468 *  .8312 *  .5548 * F-SUB-Q
   * 2.6217 * 2.4879 * 2.5377 * 3.8379 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6899 * 1.4834 * 1.6592 * 1.5154 * 1.7820 * 1.5761 * 1.8481 *  .8143 *
   * 1.4660 * 1.6669 * 1.4856 * 1.6167 * 1.3748 * 1.5531 * 1.3189 * 2.7311 *
   ************************************************************************
 9 * 1.4834 * 1.7539 * 1.7253 * 1.7296 * 1.7062 * 1.7811 * 1.8237 *  .8466 *
   * 1.6669 * 1.4039 * 1.4271 * 1.4222 * 1.4378 * 1.3701 * 1.3343 * 2.5935 *
   ************************************************************************
10 * 1.6592 * 1.7247 * 1.7422 * 1.7019 * 1.7115 * 1.6865 * 1.8307 *  .8308 *
   * 1.4856 * 1.4276 * 1.4149 * 1.4479 * 1.4362 * 1.4527 * 1.3241 * 2.6416 *
   ************************************************************************
11 * 1.5154 * 1.7296 * 1.7021 * 1.6974 * 1.6585 * 1.7041 * 1.1497 *  .5534 *
   * 1.6167 * 1.4217 * 1.4477 * 1.4530 * 1.4735 * 1.4321 * 1.9565 * 3.9902 *
   ************************************************************************
12 * 1.7820 * 1.7087 * 1.7133 * 1.6588 * 1.6269 * 1.7277 *  .9159 *
   * 1.3748 * 1.4357 * 1.4348 * 1.4730 * 1.5032 * 1.4085 * 2.4257 *
   ****************************************************************
13 * 1.5761 * 1.7843 * 1.6882 * 1.7051 * 1.7283 * 1.8204 *  .7889 *
   * 1.5531 * 1.3677 * 1.4513 * 1.4314 * 1.4080 * 1.3211 * 2.7951 *
   ****************************************************************
14 * 1.8481 * 1.8265 * 1.8325 * 1.1505 *  .9162 *  .8052 *
   * 1.3189 * 1.3323 * 1.3228 * 1.9552 * 2.4249 * 2.7394 *
   ********************************************************
15 *  .8143 *  .8473 *  .8314 *  .5538 * F-SUB-Q
   * 2.7311 * 2.5918 * 2.6400 * 3.9873 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6626 * 1.4666 * 1.6385 * 1.4993 * 1.7630 * 1.5635 * 1.8319 *  .8162 *
   * 1.4548 * 1.6438 * 1.4659 * 1.5910 * 1.3529 * 1.5245 * 1.3009 * 2.6764 *
   ************************************************************************
 9 * 1.4666 * 1.7298 * 1.7072 * 1.7086 * 1.6910 * 1.7711 * 1.8100 *  .8519 *
   * 1.6438 * 1.3872 * 1.4054 * 1.4022 * 1.4127 * 1.3500 * 1.3196 * 2.5328 *
   ************************************************************************
10 * 1.6385 * 1.7065 * 1.7244 * 1.6854 * 1.6945 * 1.6745 * 1.8179 *  .8357 *
   * 1.4659 * 1.4059 * 1.3933 * 1.4251 * 1.4137 * 1.4334 * 1.3185 * 2.5929 *
   ************************************************************************
11 * 1.4993 * 1.7085 * 1.6856 * 1.6778 * 1.6476 * 1.6904 * 1.1547 *  .5533 *
   * 1.5910 * 1.4017 * 1.4249 * 1.4332 * 1.4752 * 1.4303 * 1.9211 * 3.9665 *
   ************************************************************************
12 * 1.7630 * 1.6936 * 1.6963 * 1.6482 * 1.6165 * 1.7158 *  .9233 *
   * 1.3529 * 1.4106 * 1.4122 * 1.4745 * 1.5108 * 1.4208 * 2.4068 *
   ****************************************************************
13 * 1.5635 * 1.7744 * 1.6762 * 1.6914 * 1.7165 * 1.8118 *  .7939 *
   * 1.5245 * 1.3476 * 1.4320 * 1.4295 * 1.4203 * 1.3529 * 2.8177 *
   ****************************************************************
14 * 1.8318 * 1.8128 * 1.8199 * 1.1556 *  .9237 *  .8108 *
   * 1.3009 * 1.3176 * 1.3171 * 1.9196 * 2.4058 * 2.7600 *
   ********************************************************
15 *  .8162 *  .8525 *  .8364 *  .5537 * F-SUB-Q
   * 2.6764 * 2.5311 * 2.5912 * 3.9633 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6732 * 1.4603 * 1.6438 * 1.5041 * 1.7836 * 1.5702 * 1.8615 *  .8079 *
   * 1.4113 * 1.6106 * 1.4271 * 1.5481 * 1.3064 * 1.4827 * 1.2507 * 2.6321 *
   ************************************************************************
 9 * 1.4603 * 1.7448 * 1.7170 * 1.7264 * 1.7027 * 1.7922 * 1.8388 *  .8384 *
   * 1.6106 * 1.3429 * 1.3651 * 1.3545 * 1.3706 * 1.3037 * 1.2692 * 2.5048 *
   ************************************************************************
10 * 1.6438 * 1.7163 * 1.7357 * 1.6962 * 1.7156 * 1.6900 * 1.8478 *  .8235 *
   * 1.4271 * 1.3656 * 1.3522 * 1.3832 * 1.3638 * 1.3871 * 1.2668 * 2.5609 *
   ************************************************************************
11 * 1.5041 * 1.7263 * 1.6964 * 1.6960 * 1.6650 * 1.7150 * 1.1452 *  .5448 *
   * 1.5481 * 1.3540 * 1.3831 * 1.3847 * 1.4248 * 1.3751 * 1.8887 * 3.9117 *
   ************************************************************************
12 * 1.7836 * 1.7054 * 1.7175 * 1.6656 * 1.6323 * 1.7425 *  .9090 *
   * 1.3064 * 1.3685 * 1.3623 * 1.4243 * 1.4589 * 1.3634 * 2.3807 *
   ****************************************************************
13 * 1.5702 * 1.7956 * 1.6918 * 1.7160 * 1.7432 * 1.8473 *  .7863 *
   * 1.4827 * 1.3014 * 1.3857 * 1.3742 * 1.3629 * 1.2932 * 2.7692 *
   ****************************************************************
14 * 1.8615 * 1.8417 * 1.8498 * 1.1462 *  .9094 *  .8023 *
   * 1.2507 * 1.2673 * 1.2654 * 1.8871 * 2.3797 * 2.7150 *
   ********************************************************
15 *  .8079 *  .8391 *  .8241 *  .5452 * F-SUB-Q
   * 2.6321 * 2.5032 * 2.5591 * 3.9084 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6640 * 1.4470 * 1.6340 * 1.4965 * 1.7826 * 1.5645 * 1.8669 *  .8023 *
   * 1.3676 * 1.5630 * 1.3804 * 1.4957 * 1.2567 * 1.4307 * 1.1992 * 2.5474 *
   ************************************************************************
 9 * 1.4470 * 1.7387 * 1.7106 * 1.7232 * 1.6986 * 1.7953 * 1.8447 *  .8297 *
   * 1.5630 * 1.2958 * 1.3177 * 1.3044 * 1.3213 * 1.2526 * 1.2168 * 2.4327 *
   ************************************************************************
10 * 1.6340 * 1.7099 * 1.7304 * 1.6909 * 1.7157 * 1.6891 * 1.8548 *  .8161 *
   * 1.3804 * 1.3182 * 1.3049 * 1.3347 * 1.3113 * 1.3353 * 1.2140 * 2.4826 *
   ************************************************************************
11 * 1.4965 * 1.7232 * 1.6911 * 1.6934 * 1.6660 * 1.7185 * 1.1386 *  .5387 *
   * 1.4957 * 1.3040 * 1.3345 * 1.3334 * 1.3727 * 1.3207 * 1.8242 * 3.7993 *
   ************************************************************************
12 * 1.7826 * 1.7014 * 1.7177 * 1.6667 * 1.6324 * 1.7480 *  .9008 *
   * 1.2567 * 1.3192 * 1.3099 * 1.3721 * 1.4085 * 1.3103 * 2.3051 *
   ****************************************************************
13 * 1.5645 * 1.7987 * 1.6909 * 1.7196 * 1.7488 * 1.8596 *  .7817 *
   * 1.4307 * 1.2503 * 1.3339 * 1.3199 * 1.3098 * 1.2398 * 2.6722 *
   ****************************************************************
14 * 1.8669 * 1.8477 * 1.8569 * 1.1396 *  .9012 *  .7975 *
   * 1.1992 * 1.2149 * 1.2128 * 1.8226 * 2.3041 * 2.6204 *
   ********************************************************
15 *  .8023 *  .8304 *  .8168 *  .5391 * F-SUB-Q
   * 2.5474 * 2.4311 * 2.4809 * 3.7960 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6441 * 1.4278 * 1.6165 * 1.4810 * 1.7691 * 1.5513 * 1.8567 *  .7961 *
   * 1.3331 * 1.5261 * 1.3449 * 1.4572 * 1.2206 * 1.3910 * 1.1622 * 2.4760 *
   ************************************************************************
 9 * 1.4278 * 1.7216 * 1.6953 * 1.7086 * 1.6849 * 1.7867 * 1.8359 *  .8260 *
   * 1.5261 * 1.2616 * 1.2817 * 1.2690 * 1.2841 * 1.2129 * 1.1781 * 2.3566 *
   ************************************************************************
10 * 1.6165 * 1.6945 * 1.7154 * 1.6765 * 1.7038 * 1.6783 * 1.8469 *  .8113 *
   * 1.3449 * 1.2822 * 1.2688 * 1.2975 * 1.2728 * 1.2949 * 1.1742 * 2.4079 *
   ************************************************************************
11 * 1.4810 * 1.7086 * 1.6767 * 1.6795 * 1.6560 * 1.7089 * 1.1327 *  .5336 *
   * 1.4572 * 1.2685 * 1.2974 * 1.2959 * 1.3291 * 1.2784 * 1.7662 * 3.6968 *
   ************************************************************************
12 * 1.7691 * 1.6877 * 1.7058 * 1.6567 * 1.6224 * 1.7398 *  .8972 *
   * 1.2206 * 1.2820 * 1.2714 * 1.3285 * 1.3640 * 1.2664 * 2.2272 *
   ****************************************************************
13 * 1.5513 * 1.7901 * 1.6801 * 1.7100 * 1.7405 * 1.8551 *  .7779 *
   * 1.3909 * 1.2106 * 1.2936 * 1.2776 * 1.2659 * 1.1938 * 2.5816 *
   ****************************************************************
14 * 1.8567 * 1.8389 * 1.8491 * 1.1337 *  .8976 *  .7935 *
   * 1.1622 * 1.1762 * 1.1730 * 1.7646 * 2.2262 * 2.5320 *
   ********************************************************
15 *  .7961 *  .8267 *  .8120 *  .5341 * F-SUB-Q
   * 2.4760 * 2.3550 * 2.4060 * 3.6935 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6095 * 1.4059 * 1.5877 * 1.4563 * 1.7382 * 1.5287 * 1.8266 *  .7923 *
   * 1.4192 * 1.6178 * 1.4296 * 1.5482 * 1.2972 * 1.4743 * 1.2335 * 2.5998 *
   ************************************************************************
 9 * 1.4059 * 1.6881 * 1.6675 * 1.6773 * 1.6586 * 1.7633 * 1.8080 *  .8250 *
   * 1.6178 * 1.3438 * 1.3607 * 1.3508 * 1.3624 * 1.2829 * 1.2487 * 2.4657 *
   ************************************************************************
10 * 1.5877 * 1.6667 * 1.6874 * 1.6496 * 1.6746 * 1.6540 * 1.8198 *  .8099 *
   * 1.4296 * 1.3613 * 1.3471 * 1.3770 * 1.3522 * 1.3714 * 1.2434 * 2.5193 *
   ************************************************************************
11 * 1.4563 * 1.6772 * 1.6498 * 1.6490 * 1.6324 * 1.6815 * 1.1285 *  .5304 *
   * 1.5482 * 1.3503 * 1.3768 * 1.3782 * 1.4047 * 1.3542 * 1.8496 * 3.8844 *
   ************************************************************************
12 * 1.7382 * 1.6614 * 1.6766 * 1.6331 * 1.5993 * 1.7133 *  .8970 *
   * 1.2972 * 1.3601 * 1.3507 * 1.4041 * 1.4410 * 1.3388 * 2.3217 *
   ****************************************************************
13 * 1.5287 * 1.7667 * 1.6558 * 1.6826 * 1.7141 * 1.8302 *  .7760 *
   * 1.4743 * 1.2806 * 1.3699 * 1.3534 * 1.3382 * 1.2577 * 2.6941 *
   ****************************************************************
14 * 1.8266 * 1.8110 * 1.8219 * 1.1295 *  .8975 *  .7921 *
   * 1.2335 * 1.2468 * 1.2420 * 1.8479 * 2.3206 * 2.6407 *
   ******************************************************
15 *  .7923 *  .8257 *  .8106 *  .5308 * F-SUB-Q
   * 2.5998 * 2.4640 * 2.5175 * 3.8809 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6125 * 1.3923 * 1.5852 * 1.4513 * 1.7462 * 1.5237 * 1.8417 *  .7759 *
   * 1.3613 * 1.5735 * 1.3838 * 1.5037 * 1.2496 * 1.4325 * 1.1844 * 2.5737 *
   ************************************************************************
 9 * 1.3923 * 1.6945 * 1.6678 * 1.6852 * 1.6583 * 1.7701 * 1.8219 *  .8026 *
   * 1.5735 * 1.2941 * 1.3154 * 1.3014 * 1.3189 * 1.2370 * 1.1989 * 2.4572 *
   ************************************************************************
10 * 1.5852 * 1.6669 * 1.6884 * 1.6496 * 1.6833 * 1.6564 * 1.8345 *  .7896 *
   * 1.3838 * 1.3160 * 1.3014 * 1.3308 * 1.3008 * 1.3236 * 1.1920 * 2.5038 *
   ************************************************************************
11 * 1.4513 * 1.6851 * 1.6498 * 1.6562 * 1.6350 * 1.6910 * 1.1075 *  .5168 *
   * 1.5037 * 1.3008 * 1.3307 * 1.3255 * 1.3492 * 1.2974 * 1.8197 * 3.8630 *
   ************************************************************************
12 * 1.7462 * 1.6612 * 1.6854 * 1.6356 * 1.6007 * 1.7240 *  .8719 *
   * 1.2496 * 1.3167 * 1.2993 * 1.3486 * 1.3822 * 1.2784 * 2.3016 *
   ****************************************************************
13 * 1.5237 * 1.7736 * 1.6583 * 1.6922 * 1.7247 * 1.8472 *  .7591 *
   * 1.4325 * 1.2346 * 1.3222 * 1.2965 * 1.2779 * 1.1952 * 2.6488 *
   ****************************************************************
14 * 1.8417 * 1.8250 * 1.8367 * 1.1085 *  .8724 *  .7741 *
   * 1.1844 * 1.1970 * 1.1906 * 1.8180 * 2.3006 * 2.5986 *
   ******************************************************
15 *  .7759 *  .8032 *  .7903 *  .5173 * F-SUB-Q
   * 2.5737 * 2.4555 * 2.5018 * 3.8594 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5875	1.3700	1.5642	1.4289	1.7218	1.5020	1.8186	.7619
	1.3249	1.5360	1.3492	1.4704	1.2196	1.3987	1.1541	2.5253
9	1.3700	1.6720	1.6468	1.6634	1.6358	1.7500	1.7998	.7882
	1.5360	1.2623	1.2818	1.2691	1.2867	1.2036	1.1674	2.4106
10	1.5642	1.6460	1.6671	1.6282	1.6611	1.6357	1.8127	.7755
	1.3492	1.2824	1.2683	1.2975	1.2686	1.2889	1.1598	2.4552
11	1.4289	1.6634	1.6285	1.6340	1.6127	1.6674	1.0894	.5068
	1.4704	1.2691	1.2973	1.2929	1.3128	1.2640	1.7793	3.7951
12	1.7218	1.6387	1.6632	1.6133	1.5791	1.7003	.8560	
	1.2196	1.2845	1.2671	1.3123	1.3424	1.2431	2.2532	
13	1.5020	1.7535	1.6376	1.6686	1.7011	1.8239	.7452	
	1.3987	1.2013	1.2874	1.2632	1.2426	1.1595	2.5908	
14	1.8186	1.8029	1.8149	1.0904	.8564	.7598		
	1.1541	1.1655	1.1585	1.7776	2.2522	2.5419		
15	.7619	.7888	.7762	.5072	F-SUB-Q			
	2.5253	2.4089	2.4533	3.7915	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5275	1.3352	1.5204	1.3853	1.6563	1.4594	1.7476	.7490
	1.3301	1.5221	1.3428	1.4681	1.2266	1.3930	1.1618	2.4885
9	1.3352	1.6131	1.5990	1.6045	1.5862	1.6960	1.7320	.7816
	1.5221	1.2663	1.2773	1.2732	1.2841	1.2010	1.1733	2.3548
10	1.5204	1.5983	1.6186	1.5808	1.6005	1.5866	1.7447	.7673
	1.3428	1.2779	1.2640	1.2929	1.2740	1.2847	1.1649	2.4034
11	1.3853	1.6045	1.5810	1.5751	1.5601	1.6024	1.0720	.4997
	1.4681	1.2732	1.2928	1.2978	1.3105	1.2708	1.7492	3.7291
12	1.6563	1.5890	1.6025	1.5607	1.5293	1.6338	.8474	
	1.2266	1.2818	1.2725	1.3100	1.3382	1.2489	2.2008	
13	1.4594	1.6994	1.5885	1.6035	1.6345	1.7489	.7326	
	1.3930	1.1987	1.2832	1.2700	1.2484	1.1657	2.5460	
14	1.7476	1.7350	1.7468	1.0730	.8478	.7478		
	1.1618	1.1713	1.1636	1.7476	2.1998	2.4954		
15	.7490	.7822	.7680	.5001	F-SUB-Q			
	2.4885	2.3532	2.4016	3.7257	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4930	1.3049	1.4952	1.3553	1.6130	1.4256	1.7050	.7198
	1.3236	1.5169	1.3287	1.4608	1.2257	1.3878	1.1586	2.5231
9	1.3049	1.5798	1.5696	1.5707	1.5533	1.6591	1.6881	.7464
	1.5169	1.2586	1.2662	1.2658	1.2759	1.1940	1.1709	2.4028
10	1.4952	1.5688	1.5895	1.5519	1.5637	1.5550	1.6997	.7322
	1.3287	1.2668	1.2524	1.2815	1.2689	1.2759	1.1629	2.4542
11	1.3553	1.5707	1.5521	1.5412	1.5247	1.5597	1.0290	.4793
	1.4608	1.2659	1.2813	1.2908	1.3034	1.2694	1.7736	3.7893
12	1.6130	1.5561	1.5656	1.5253	1.4950	1.5887	.8091	
	1.2257	1.2737	1.2674	1.3028	1.3304	1.2480	2.2431	
13	1.4256	1.6625	1.5567	1.5608	1.5894	1.6942	.6981	
	1.3878	1.1917	1.2745	1.2686	1.2475	1.1682	2.5992	
14	1.7050	1.6910	1.7017	1.0299	.8095	.7117		
	1.1586	1.1690	1.1615	1.7720	2.2421	2.5507		
15	.7198	.7471	.7328	.4797	F-SUB-Q			
	2.5231	2.4010	2.4522	3.7859	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.4072	1.2443	1.4073	1.2869	1.5021	1.3397	1.5822	.6869
	1.3742	1.5571	1.3817	1.5059	1.2877	1.4457	1.2217	2.5914
9	1.2443	1.4749	1.4783	1.4651	1.4578	1.5498	1.5655	.7085
	1.5571	1.3196	1.3156	1.3281	1.3304	1.2504	1.2355	2.4809
10	1.4073	1.4776	1.4882	1.4647	1.4557	1.4586	1.5705	.6904
	1.3817	1.3162	1.3089	1.3285	1.3340	1.3308	1.2313	2.5513
11	1.2869	1.4651	1.4649	1.4381	1.4295	1.4567	.9690	.4506
	1.5059	1.3281	1.3283	1.3537	1.3593	1.3294	1.8445	3.9547
12	1.5021	1.4603	1.4574	1.4301	1.3945	1.4778	.7693	
	1.2877	1.3282	1.3325	1.3587	1.3948	1.3121	2.3103	
13	1.3397	1.5529	1.4602	1.4577	1.4784	1.5477	.6508	
	1.4457	1.2480	1.3294	1.3286	1.3115	1.2502	2.7310	
14	1.5822	1.5681	1.5723	.9698	.7697	.6630		
	1.2217	1.2335	1.2299	1.8430	2.3093	2.6817		
15	.6869	.7092	.6909	.4509	F-SUB-Q			
	2.5914	2.4789	2.5494	3.9512	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3281	1.0670	1.1695	1.0987	1.3962	1.1170	1.4190	.5971
	1.4331	1.7875	1.6363	1.7356	1.3629	1.7062	1.3402	2.9401
9	1.0670	1.3104	1.2425	1.3655	1.1961	1.2848	1.4272	.6178
	1.7875	1.4582	1.5396	1.3981	1.5961	1.4832	1.3330	2.8055
10	1.1695	1.2420	1.1980	1.2410	1.3029	1.2103	1.3340	.5887
	1.6363	1.5403	1.5996	1.5412	1.4653	1.5781	1.4270	2.9505
11	1.0987	1.3659	1.2414	1.2901	1.1795	1.3687	.8284	.3822
	1.7356	1.3977	1.5406	1.4818	1.6219	1.3932	2.1253	4.6029
12	1.3962	1.1971	1.3038	1.1800	1.1193	1.3630	.6776	
	1.3629	1.5949	1.4643	1.6212	1.7073	1.3990	2.5849	
13	1.1170	1.2873	1.2116	1.3695	1.3636	1.2371	.5404	
	1.7062	1.4804	1.5765	1.3924	1.3984	1.5395	3.2434	
14	1.4190	1.4291	1.3354	.8290	.6780	.5505		
	1.3402	1.3312	1.4255	2.1235	2.5836	3.1851		
15	.5971	.6184	.5892	.3825	F-SUB-Q			
	2.9401	2.8031	2.9484	4.5990	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.5639	.4806	.4794	.4922	.5865	.4902	.5287	.2639
	3.3456	3.9307	3.9476	3.8364	3.2152	3.8487	3.5623	6.5991
9	.4806	.5529	.5069	.5795	.4932	.5075	.5298	.2672
	3.9307	3.4215	3.7327	3.2611	3.8313	3.7162	3.5558	6.4373
10	.4794	.5068	.4768	.5148	.5688	.4926	.4889	.2500
	3.9476	3.7338	3.9734	3.6742	3.3222	3.8349	3.8567	6.8948
11	.4922	.5797	.5150	.5599	.4799	.5349	.3595	.1696
	3.8364	3.2601	3.6729	3.3795	3.9408	3.5296	4.8541	10.2965
12	.5865	.4936	.5692	.4801	.4488	.5072	.2916	
	3.2152	3.8288	3.3202	3.9393	4.2158	3.7230	5.9584	
13	.4902	.5084	.4931	.5353	.5074	.4442	.2262	
	3.8487	3.7098	3.8313	3.5275	3.7212	4.2495	7.6897	
14	.5287	.5305	.4894	.3598	.2918	.2298		
	3.5623	3.5512	3.8527	4.8508	5.9546	7.5720		
15	.2639	.2674	.2502	.1698	F-SUB-Q			
	6.5991	6.4325	6.8893	10.2873	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4660	.4726	.4764	.4811	.5480	.4684	.4744	.2634
	3.3841	3.8812	4.0294	3.8534	3.3517	3.8877	3.7998	6.1960
9	.4726	.5415	.4948	.5516	.4769	.4664	.4738	.2636
	3.8812	3.5208	3.8461	3.3973	3.8822	3.9184	3.8266	6.1536
10	.4764	.4947	.4685	.4936	.5406	.4615	.4442	.2467
	4.0294	3.8468	4.0742	3.8423	3.5142	4.0939	4.1790	6.6854
11	.4811	.5517	.4937	.5336	.4512	.4828	.3393	.1846
	3.8534	3.3967	3.8415	3.5958	4.1761	3.8745	5.1514	9.3136
12	.5480	.4770	.5408	.4513	.3918	.4299	.2796	
	3.3517	3.8807	3.5130	4.1755	4.3553	4.0595	5.9973	
13	.4684	.4672	.4617	.4828	.4299	.3812	.2133	
	3.8877	3.9118	4.0915	3.8740	4.0596	4.5095	7.6702	
14	.4744	.4744	.4445	.3394	.2795	.2178		
	3.7998	3.8224	4.1766	5.1510	5.9995	7.5281		
15	.2634	.2637	.2467	.1846	F-SUB-Q			
	6.1960	6.1523	6.6841	9.3114	M-SUB-Q			

AT 100% POWER, 125 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1186	.9890	1.0654	1.0007	1.1703	.9884	1.1341	.5735
	1.6315	1.9115	1.8454	1.8952	1.6084	1.8858	1.6281	2.9164
9	.9890	1.1689	1.1034	1.1762	1.0648	1.0580	1.1347	.5902
	1.9115	1.6591	1.7673	1.6323	1.7770	1.7621	1.6349	2.8141
10	1.0654	1.1031	1.0685	1.0932	1.1195	1.0383	1.0754	.5611
	1.8454	1.7677	1.8264	1.7774	1.7484	1.8575	1.7639	3.0091
11	1.0007	1.1763	1.0934	1.1124	1.0291	1.1115	.7439	.3978
	1.8952	1.6322	1.7771	1.7393	1.8691	1.7176	2.3873	4.4182
12	1.1703	1.0652	1.1198	1.0293	.9292	1.0705	.6312	
	1.6084	1.7763	1.7479	1.8689	1.9461	1.7115	2.7151	
13	.9884	1.0598	1.0389	1.1117	1.0705	.9624	.5053	
	1.8858	1.7597	1.8564	1.7174	1.7115	1.8878	3.3167	
14	1.1341	1.1358	1.0759	.7439	.6310	.5083		
	1.6281	1.6334	1.7631	2.3872	2.7160	3.3043		
15	.5735	.5905	.5612	.3979	F-SUB-Q			
	2.9164	2.8129	3.0088	4.4174	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3237 * 1.2009 * 1.2884 * 1.1987 * 1.3396 * 1.2028 * 1.3188 *  .6819 *
   * 1.4695 * 1.6335 * 1.5530 * 1.6080 * 1.4247 * 1.5748 * 1.4230 * 2.4918 *
   ************************************************************************
 9 * 1.2009 * 1.3393 * 1.3233 * 1.3070 * 1.3036 * 1.2899 * 1.2976 *  .7111 *
   * 1.6335 * 1.4681 * 1.4980 * 1.4757 * 1.4747 * 1.4664 * 1.4530 * 2.3719 *
   ************************************************************************
10 * 1.2884 * 1.3230 * 1.3213 * 1.3090 * 1.2907 * 1.2599 * 1.2893 *  .6858 *
   * 1.5530 * 1.4982 * 1.5003 * 1.5095 * 1.5207 * 1.5521 * 1.4925 * 2.5009 *
   ************************************************************************
11 * 1.1987 * 1.3073 * 1.3091 * 1.2744 * 1.2632 * 1.2652 *  .9076 *  .4786 *
   * 1.6080 * 1.4754 * 1.5094 * 1.5648 * 1.5522 * 1.5367 * 1.9874 * 3.7295 *
   ************************************************************************
12 * 1.3396 * 1.3041 * 1.2911 * 1.2634 * 1.2075 * 1.2415 *  .7612 *
   * 1.4247 * 1.4741 * 1.5202 * 1.5520 * 1.5820 * 1.5326 * 2.2972 *
   ****************************************************************
13 * 1.2028 * 1.2917 * 1.2607 * 1.2655 * 1.2416 * 1.2221 *  .6244 *
   * 1.5748 * 1.4643 * 1.5511 * 1.5364 * 1.5324 * 1.5286 * 2.7426 *
   ****************************************************************
14 * 1.3188 * 1.2990 * 1.2900 *  .9076 *  .7611 *  .6349 *
   * 1.4230 * 1.4515 * 1.4916 * 1.9875 * 2.2977 * 2.7027 *
   ********************************************************
15 *  .6819 *  .7115 *  .6859 *  .4787 * F-SUB-Q
   * 2.4918 * 2.3708 * 2.5006 * 3.7287 * M-SUB-Q
   ************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5037 * 1.3244 * 1.4252 * 1.3237 * 1.5231 * 1.3357 * 1.5043 *  .7353 *
   * 1.3271 * 1.5181 * 1.4308 * 1.4791 * 1.2685 * 1.4399 * 1.2657 * 2.3462 *
   ************************************************************************
 9 * 1.3244 * 1.5114 * 1.4665 * 1.4756 * 1.4495 * 1.4493 * 1.4853 *  .7660 *
   * 1.5181 * 1.3318 * 1.3725 * 1.3274 * 1.3458 * 1.3243 * 1.2862 * 2.2360 *
   ************************************************************************
10 * 1.4252 * 1.4663 * 1.4682 * 1.4526 * 1.4544 * 1.4076 * 1.4747 *  .7426 *
   * 1.4308 * 1.3728 * 1.3708 * 1.3811 * 1.3707 * 1.4098 * 1.3231 * 2.3445 *
   ************************************************************************
11 * 1.3237 * 1.4759 * 1.4527 * 1.4372 * 1.4101 * 1.4478 *  .9928 *  .5152 *
   * 1.4791 * 1.3271 * 1.3810 * 1.4120 * 1.4134 * 1.3690 * 1.8492 * 3.5147 *
   ************************************************************************
12 * 1.5231 * 1.4502 * 1.4549 * 1.4104 * 1.3608 * 1.4257 *  .8238 *
   * 1.2685 * 1.3444 * 1.3702 * 1.4132 * 1.4367 * 1.3571 * 2.1672 *
   ****************************************************************
13 * 1.3357 * 1.4512 * 1.4085 * 1.4482 * 1.4259 * 1.4183 *  .6837 *
   * 1.4399 * 1.3226 * 1.4089 * 1.3687 * 1.3569 * 1.3466 * 2.5595 *
   ****************************************************************
14 * 1.5043 * 1.4869 * 1.4755 *  .9928 *  .8237 *  .6975 *
   * 1.2657 * 1.2849 * 1.3224 * 1.8492 * 2.1675 * 2.5144 *
   ********************************************************
15 *  .7353 *  .7665 *  .7427 *  .5153 * F-SUB-Q
   * 2.3462 * 2.2349 * 2.3443 * 3.5138 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5954 * 1.3827 * 1.4858 * 1.3883 * 1.6254 * 1.4011 * 1.6039 *  .7721 *
   * 1.2787 * 1.4877 * 1.4000 * 1.4356 * 1.2096 * 1.3973 * 1.2074 * 2.2749 *
   ************************************************************************
 9 * 1.3827 * 1.5985 * 1.5355 * 1.5669 * 1.5241 * 1.5322 * 1.5915 *  .8059 *
   * 1.4877 * 1.2883 * 1.3333 * 1.2722 * 1.3034 * 1.2738 * 1.2202 * 2.1638 *
   ************************************************************************
10 * 1.4858 * 1.5352 * 1.5360 * 1.5244 * 1.5458 * 1.4829 * 1.5742 *  .7808 *
   * 1.4000 * 1.3335 * 1.3324 * 1.3383 * 1.3118 * 1.3603 * 1.2592 * 2.2679 *
   ************************************************************************
11 * 1.3883 * 1.5672 * 1.5245 * 1.5224 * 1.4895 * 1.5532 * 1.0492 *  .5369 *
   * 1.4356 * 1.2719 * 1.3382 * 1.3583 * 1.3642 * 1.3031 * 1.7842 * 3.4271 *
   ************************************************************************
12 * 1.6254 * 1.5248 * 1.5464 * 1.4898 * 1.4378 * 1.5366 *  .8719 *
   * 1.2096 * 1.3022 * 1.3113 * 1.3640 * 1.3906 * 1.2875 * 2.0944 *
   ****************************************************************
13 * 1.4011 * 1.5342 * 1.4839 * 1.5536 * 1.5369 * 1.5279 *  .7234 *
   * 1.3973 * 1.2722 * 1.3593 * 1.3027 * 1.2872 * 1.2786 * 2.4770 *
   ****************************************************************
14 * 1.6039 * 1.5932 * 1.5751 * 1.0494 *  .8719 *  .7384 *
   * 1.2074 * 1.2189 * 1.2584 * 1.7840 * 2.0944 * 2.4319 *
   ********************************************************
15 *  .7721 *  .8063 *  .7810 *  .5371 * F-SUB-Q
   * 2.2749 * 2.1629 * 2.2676 * 3.4260 * M-SUB-Q
   *************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6440 * 1.4130 * 1.5170 * 1.4251 * 1.6837 * 1.4384 * 1.6619 *  .7978 *
   * 1.2680 * 1.4872 * 1.3958 * 1.4261 * 1.1919 * 1.3895 * 1.1889 * 2.2480 *
   ************************************************************************
 9 * 1.4130 * 1.6427 * 1.5734 * 1.6192 * 1.5669 * 1.5815 * 1.6547 *  .8344 *
   * 1.4872 * 1.2805 * 1.3254 * 1.2566 * 1.2936 * 1.2585 * 1.1966 * 2.1333 *
   ************************************************************************
10 * 1.5170 * 1.5730 * 1.5731 * 1.5662 * 1.5985 * 1.5276 * 1.6327 *  .8078 *
   * 1.3958 * 1.3257 * 1.3247 * 1.3262 * 1.2923 * 1.3443 * 1.2358 * 2.2351 *
   ************************************************************************
11 * 1.4251 * 1.6195 * 1.5665 * 1.5703 * 1.5378 * 1.6168 * 1.0886 *  .5514 *
   * 1.4261 * 1.2563 * 1.3258 * 1.3354 * 1.3481 * 1.2760 * 1.7470 * 3.3950 *
   ************************************************************************
12 * 1.6837 * 1.5676 * 1.5991 * 1.5381 * 1.4840 * 1.6045 *  .9069 *
   * 1.1919 * 1.2929 * 1.2918 * 1.3479 * 1.3764 * 1.2628 * 2.0594 *
   ****************************************************************
13 * 1.4384 * 1.5836 * 1.5286 * 1.6173 * 1.6049 * 1.5948 *  .7516 *
   * 1.3895 * 1.2568 * 1.3433 * 1.2756 * 1.2625 * 1.2576 * 2.4482 *
   ****************************************************************
14 * 1.6619 * 1.6565 * 1.6337 * 1.0888 *  .9070 *  .7671 *
   * 1.1889 * 1.1953 * 1.2350 * 1.7466 * 2.0592 * 2.4038 *
   ********************************************************
15 *  .7978 *  .8348 *  .8080 *  .5515 * F-SUB-Q
   * 2.2480 * 2.1324 * 2.2347 * 3.3938 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6914 * 1.4389 * 1.5478 * 1.4584 * 1.7412 * 1.4720 * 1.7210 *  .8121 *
   * 1.2567 * 1.4868 * 1.3860 * 1.4270 * 1.1810 * 1.3913 * 1.1759 * 2.2634 *
   ************************************************************************
 9 * 1.4389 * 1.6862 * 1.6103 * 1.6727 * 1.6074 * 1.6294 * 1.7185 *  .8476 *
   * 1.4868 * 1.2699 * 1.3216 * 1.2474 * 1.2906 * 1.2501 * 1.1790 * 2.1516 *
   ************************************************************************
10 * 1.5478 * 1.6099 * 1.6103 * 1.6085 * 1.6502 * 1.5709 * 1.6919 *  .8202 *
   * 1.3860 * 1.3219 * 1.3203 * 1.3172 * 1.2778 * 1.3333 * 1.2170 * 2.2509 *
   ************************************************************************
11 * 1.4584 * 1.6730 * 1.6089 * 1.6191 * 1.5837 * 1.6806 * 1.1108 *  .5575 *
   * 1.4270 * 1.2471 * 1.3169 * 1.3104 * 1.3339 * 1.2483 * 1.7348 * 3.4197 *
   ************************************************************************
12 * 1.7412 * 1.6082 * 1.6508 * 1.5841 * 1.5282 * 1.6720 *  .9234 *
   * 1.1810 * 1.2899 * 1.2773 * 1.3336 * 1.3650 * 1.2397 * 2.0670 *
   ****************************************************************
13 * 1.4720 * 1.6316 * 1.5719 * 1.6811 * 1.6724 * 1.6605 *  .7668 *
   * 1.3913 * 1.2484 * 1.3323 * 1.2479 * 1.2394 * 1.2355 * 2.4569 *
   ****************************************************************
14 * 1.7210 * 1.7204 * 1.6930 * 1.1111 *  .9235 *  .7830 *
   * 1.1759 * 1.1777 * 1.2162 * 1.7343 * 2.0668 * 2.4112 *
   ******************************************************
15 *  .8121 *  .8480 *  .8204 *  .5577 * F-SUB-Q
   * 2.2634 * 2.1507 * 2.2504 * 3.4184 * M-SUB-Q
   *************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7168 * 1.4522 * 1.5640 * 1.4785 * 1.7761 * 1.4929 * 1.7589 *  .8240 *
   * 1.2644 * 1.5046 * 1.4032 * 1.4461 * 1.1910 * 1.4112 * 1.1818 * 2.2946 *
   ************************************************************************
 9 * 1.4522 * 1.7091 * 1.6320 * 1.7053 * 1.6323 * 1.6610 * 1.7598 *  .8587 *
   * 1.5046 * 1.2793 * 1.3313 * 1.2580 * 1.3054 * 1.2599 * 1.1828 * 2.1840 *
   ************************************************************************
10 * 1.5640 * 1.6315 * 1.6323 * 1.6351 * 1.6822 * 1.5984 * 1.7306 *  .8308 *
   * 1.4032 * 1.3317 * 1.3297 * 1.3222 * 1.2822 * 1.3382 * 1.2179 * 2.2796 *
   ************************************************************************
11 * 1.4785 * 1.7055 * 1.6355 * 1.6522 * 1.6134 * 1.7224 * 1.1285 *  .5630 *
   * 1.4461 * 1.2577 * 1.3219 * 1.3125 * 1.3336 * 1.2431 * 1.7461 * 3.4468 *
   ************************************************************************
12 * 1.7761 * 1.6332 * 1.6828 * 1.6139 * 1.5570 * 1.7172 *  .9378 *
   * 1.1910 * 1.3047 * 1.2817 * 1.3333 * 1.3643 * 1.2316 * 2.0733 *
   ****************************************************************
13 * 1.4930 * 1.6633 * 1.5996 * 1.7231 * 1.7177 * 1.7049 *  .7793 *
   * 1.4112 * 1.2582 * 1.3373 * 1.2427 * 1.2313 * 1.2305 * 2.4684 *
   ****************************************************************
14 * 1.7589 * 1.7618 * 1.7317 * 1.1289 *  .9379 *  .7957 *
   * 1.1818 * 1.1815 * 1.2170 * 1.7456 * 2.0730 * 2.4226 *
   ******************************************************
15 *  .8240 *  .8591 *  .8311 *  .5632 * F-SUB-Q
   * 2.2946 * 2.1830 * 2.2790 * 3.4454 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7409 * 1.4631 * 1.5792 * 1.4957 * 1.8094 * 1.5114 * 1.7962 *  .8309 *
   * 1.2930 * 1.5438 * 1.4216 * 1.4752 * 1.2080 * 1.4406 * 1.1944 * 2.3511 *
   ************************************************************************
 9 * 1.4631 * 1.7307 * 1.6521 * 1.7364 * 1.6547 * 1.6902 * 1.7990 *  .8631 *
   * 1.5438 * 1.3052 * 1.3496 * 1.2757 * 1.3283 * 1.2778 * 1.1942 * 2.2439 *
   ************************************************************************
10 * 1.5792 * 1.6516 * 1.6529 * 1.6590 * 1.7121 * 1.6238 * 1.7677 *  .8364 *
   * 1.4216 * 1.3501 * 1.3474 * 1.3370 * 1.2935 * 1.3517 * 1.2255 * 2.3321 *
   ************************************************************************
11 * 1.4957 * 1.7367 * 1.6594 * 1.6831 * 1.6402 * 1.7623 * 1.1401 *  .5646 *
   * 1.4752 * 1.2754 * 1.3367 * 1.3220 * 1.3510 * 1.2522 * 1.7661 * 3.5203 *
   ************************************************************************
12 * 1.8094 * 1.6556 * 1.7127 * 1.6407 * 1.5833 * 1.7599 *  .9448 *
   * 1.2080 * 1.3276 * 1.2930 * 1.3507 * 1.3840 * 1.2393 * 2.1197 *
   ****************************************************************
13 * 1.5114 * 1.6925 * 1.6250 * 1.7629 * 1.7604 * 1.7463 *  .7869 *
   * 1.4406 * 1.2760 * 1.3507 * 1.2517 * 1.2389 * 1.2376 * 2.5165 *
   ****************************************************************
14 * 1.7962 * 1.8010 * 1.7689 * 1.1405 *  .9449 *  .8037 *
   * 1.1944 * 1.1928 * 1.2246 * 1.7654 * 2.1194 * 2.4691 *
   ********************************************************
15 *  .8309 *  .8637 *  .8367 *  .5648 * F-SUB-Q
   * 2.3511 * 2.2426 * 2.3315 * 3.5188 * M-SUB-Q
   *************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7251 * 1.4535 * 1.5684 * 1.4921 * 1.8019 * 1.5088 * 1.7930 *  .8407 *
   * 1.3499 * 1.6019 * 1.4749 * 1.5332 * 1.2594 * 1.4985 * 1.2421 * 2.4116 *
   ************************************************************************
 9 * 1.4535 * 1.7133 * 1.6445 * 1.7278 * 1.6496 * 1.6901 * 1.7965 *  .8803 *
   * 1.6019 * 1.3584 * 1.4010 * 1.3264 * 1.3812 * 1.3253 * 1.2402 * 2.2826 *
   ************************************************************************
10 * 1.5684 * 1.6439 * 1.6460 * 1.6552 * 1.7056 * 1.6221 * 1.7651 *  .8513 *
   * 1.4749 * 1.4014 * 1.3977 * 1.3844 * 1.3415 * 1.3975 * 1.2680 * 2.3711 *
   ************************************************************************
11 * 1.4921 * 1.7281 * 1.6557 * 1.6782 * 1.6392 * 1.7601 * 1.1569 *  .5709 *
   * 1.5332 * 1.3262 * 1.3841 * 1.3639 * 1.3910 * 1.2879 * 1.7922 * 3.5900 *
   ************************************************************************
12 * 1.8019 * 1.6505 * 1.7063 * 1.6396 * 1.5839 * 1.7606 *  .9635 *
   * 1.2594 * 1.3804 * 1.3410 * 1.3905 * 1.4348 * 1.2856 * 2.1445 *
   ****************************************************************
13 * 1.5088 * 1.6924 * 1.6233 * 1.7608 * 1.7611 * 1.7480 *  .8003 *
   * 1.4985 * 1.3234 * 1.3965 * 1.2874 * 1.2852 * 1.2844 * 2.5683 *
   ****************************************************************
14 * 1.7930 * 1.7986 * 1.7663 * 1.1573 *  .9637 *  .8179 *
   * 1.2421 * 1.2388 * 1.2672 * 1.7915 * 2.1441 * 2.5181 *
   ********************************************************
15 *  .8407 *  .8808 *  .8516 *  .5711 * F-SUB-Q
   * 2.4116 * 2.2814 * 2.3704 * 3.5884 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7549 * 1.4640 * 1.5858 * 1.5085 * 1.8415 * 1.5269 * 1.8394 *  .8401 *
   * 1.3752 * 1.6486 * 1.5148 * 1.5804 * 1.2860 * 1.5450 * 1.2628 * 2.5155 *
   ************************************************************************
 9 * 1.4640 * 1.7409 * 1.6667 * 1.7647 * 1.6738 * 1.7225 * 1.8433 *  .8731 *
   * 1.6486 * 1.3854 * 1.4354 * 1.3491 * 1.4180 * 1.3552 * 1.2597 * 2.3978 *
   ************************************************************************
10 * 1.5858 * 1.6661 * 1.6686 * 1.6807 * 1.7404 * 1.6494 * 1.8094 *  .8450 *
   * 1.5148 * 1.4359 * 1.4318 * 1.4161 * 1.3652 * 1.4267 * 1.2852 * 2.4836 *
   ************************************************************************
11 * 1.5085 * 1.7650 * 1.6811 * 1.7137 * 1.6675 * 1.8064 * 1.1568 *  .5672 *
   * 1.5804 * 1.3489 * 1.4157 * 1.3857 * 1.4157 * 1.3006 * 1.8598 * 3.7406 *
   ************************************************************************
12 * 1.8415 * 1.6747 * 1.7411 * 1.6679 * 1.6139 * 1.8098 *  .9590 *
   * 1.2860 * 1.4172 * 1.3647 * 1.4153 * 1.4549 * 1.2913 * 2.2266 *
   ****************************************************************
13 * 1.5269 * 1.7249 * 1.6506 * 1.8071 * 1.8103 * 1.7963 *  .7987 *
   * 1.5450 * 1.3534 * 1.4257 * 1.3001 * 1.2908 * 1.2924 * 2.6547 *
   ****************************************************************
14 * 1.8394 * 1.8455 * 1.8107 * 1.1573 *  .9592 *  .8155 *
   * 1.2628 * 1.2583 * 1.2843 * 1.8590 * 2.2262 * 2.6052 *
   ********************************************************
15 *  .8401 *  .8736 *  .8453 *  .5674 * F-SUB-Q
   * 2.5155 * 2.3968 * 2.4828 * 3.7388 * M-SUB-Q
   *************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7564 * 1.4602 * 1.5843 * 1.5107 * 1.8517 * 1.5304 * 1.8555 *  .8429 *
   * 1.4121 * 1.6968 * 1.5565 * 1.6243 * 1.3259 * 1.6012 * 1.3102 * 2.6215 *
   ************************************************************************
 9 * 1.4602 * 1.7406 * 1.6690 * 1.7728 * 1.6784 * 1.7337 * 1.8600 *  .8758 *
   * 1.6968 * 1.4227 * 1.4761 * 1.3901 * 1.4641 * 1.4085 * 1.3060 * 2.4988 *
   ************************************************************************
10 * 1.5843 * 1.6684 * 1.6713 * 1.6861 * 1.7490 * 1.6572 * 1.8249 *  .8470 *
   * 1.5565 * 1.4766 * 1.4755 * 1.4633 * 1.4088 * 1.4814 * 1.3299 * 2.5856 *
   ************************************************************************
11 * 1.5107 * 1.7731 * 1.6866 * 1.7233 * 1.6758 * 1.8227 * 1.1622 *  .5674 *
   * 1.6243 * 1.3898 * 1.4629 * 1.4369 * 1.4660 * 1.3441 * 1.9285 * 3.8892 *
   ************************************************************************
12 * 1.8517 * 1.6794 * 1.7497 * 1.6763 * 1.6249 * 1.8294 *  .9636 *
   * 1.3259 * 1.4632 * 1.4083 * 1.4656 * 1.5044 * 1.3297 * 2.3061 *
   ****************************************************************
13 * 1.5304 * 1.7361 * 1.6584 * 1.8234 * 1.8300 * 1.8161 *  .8026 *
   * 1.6012 * 1.4065 * 1.4804 * 1.3435 * 1.3293 * 1.3296 * 2.7448 *
   ****************************************************************
14 * 1.8555 * 1.8622 * 1.8263 * 1.1628 *  .9638 *  .8193 *
   * 1.3102 * 1.3045 * 1.3290 * 1.9275 * 2.3057 * 2.6943 *
   ********************************************************
15 *  .8429 *  .8763 *  .8474 *  .5677 * F-SUB-Q
   * 2.6215 * 2.4977 * 2.5847 * 3.8873 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7323 * 1.4433 * 1.5663 * 1.4992 * 1.8360 * 1.5204 * 1.8449 *  .8467 *
   * 1.4014 * 1.6730 * 1.5344 * 1.5937 * 1.3021 * 1.5697 * 1.2954 * 2.5681 *
   ************************************************************************
 9 * 1.4433 * 1.7153 * 1.6537 * 1.7555 * 1.6653 * 1.7261 * 1.8501 *  .8847 *
   * 1.6730 * 1.4071 * 1.4518 * 1.3683 * 1.4372 * 1.3869 * 1.2934 * 2.4353 *
   ************************************************************************
10 * 1.5663 * 1.6531 * 1.6567 * 1.6738 * 1.7342 * 1.6478 * 1.8153 *  .8552 *
   * 1.5344 * 1.4523 * 1.4510 * 1.4370 * 1.3849 * 1.4590 * 1.3233 * 2.5323 *
   ************************************************************************
11 * 1.4992 * 1.7559 * 1.6743 * 1.7101 * 1.6677 * 1.8121 * 1.1705 *  .5688 *
   * 1.5937 * 1.3680 * 1.4366 * 1.4127 * 1.4541 * 1.3396 * 1.8893 * 3.8584 *
   ************************************************************************
12 * 1.8360 * 1.6663 * 1.7350 * 1.6683 * 1.6193 * 1.8223 *  .9731 *
   * 1.3021 * 1.4364 * 1.3843 * 1.4537 * 1.5151 * 1.3451 * 2.2821 *
   ****************************************************************
13 * 1.5204 * 1.7286 * 1.6490 * 1.8129 * 1.8229 * 1.8108 *  .8100 *
   * 1.5697 * 1.3850 * 1.4579 * 1.3390 * 1.3447 * 1.3571 * 2.7556 *
   ****************************************************************
14 * 1.8449 * 1.8523 * 1.8166 * 1.1711 *  .9734 *  .8273 *
   * 1.2954 * 1.2919 * 1.3223 * 1.8883 * 2.2816 * 2.7038 *
   ********************************************************
15 *  .8467 *  .8853 *  .8555 *  .5691 * F-SUB-Q
   * 2.5681 * 2.4340 * 2.5313 * 3.8563 * M-SUB-Q
   *************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7481 * 1.4428 * 1.5719 * 1.5046 * 1.8613 * 1.5276 * 1.8786 *  .8406 *
   * 1.3560 * 1.6344 * 1.4933 * 1.5509 * 1.2554 * 1.5264 * 1.2434 * 2.5207 *
   ************************************************************************
 9 * 1.4428 * 1.7289 * 1.6637 * 1.7780 * 1.6771 * 1.7471 * 1.8844 *  .8721 *
   * 1.6344 * 1.3635 * 1.4099 * 1.3201 * 1.3946 * 1.3393 * 1.2409 * 2.4078 *
   ************************************************************************
10 * 1.5719 * 1.6630 * 1.6672 * 1.6865 * 1.7557 * 1.6634 * 1.8478 *  .8436 *
   * 1.4933 * 1.4105 * 1.4090 * 1.3934 * 1.3367 * 1.4120 * 1.2698 * 2.5008 *
   ************************************************************************
11 * 1.5046 * 1.7783 * 1.6870 * 1.7323 * 1.6853 * 1.8448 * 1.1627 *  .5611 *
   * 1.5509 * 1.3199 * 1.3930 * 1.3618 * 1.4052 * 1.2838 * 1.8562 * 3.8024 *
   ************************************************************************
12 * 1.8613 * 1.6782 * 1.7565 * 1.6859 * 1.6381 * 1.8593 *  .9619 *
   * 1.2554 * 1.3938 * 1.3361 * 1.4047 * 1.4601 * 1.2850 * 2.2506 *
   ****************************************************************
13 * 1.5276 * 1.7496 * 1.6647 * 1.8456 * 1.8600 * 1.8481 *  .8032 *
   * 1.5264 * 1.3375 * 1.4109 * 1.2833 * 1.2845 * 1.2960 * 2.7053 *
   ****************************************************************
14 * 1.8786 * 1.8867 * 1.8492 * 1.1634 *  .9621 *  .8197 *
   * 1.2434 * 1.2395 * 1.2689 * 1.8551 * 2.2501 * 2.6565 *
   ********************************************************
15 *  .8406 *  .8726 *  .8441 *  .5614 * F-SUB-Q
   * 2.5207 * 2.4066 * 2.4997 * 3.8003 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7424 * 1.4317 * 1.5630 * 1.4988 * 1.8636 * 1.5233 * 1.8883 *  .8369 *
   * 1.3126 * 1.5849 * 1.4442 * 1.4971 * 1.2059 * 1.4722 * 1.1904 * 2.4336 *
   ************************************************************************
 9 * 1.4317 * 1.7215 * 1.6582 * 1.7782 * 1.6739 * 1.7512 * 1.8947 *  .8651 *
   * 1.5849 * 1.3167 * 1.3606 * 1.2699 * 1.3440 * 1.2863 * 1.1879 * 2.3328 *
   ************************************************************************
10 * 1.5630 * 1.6576 * 1.6623 * 1.6836 * 1.7566 * 1.6634 * 1.8574 *  .8380 *
   * 1.4442 * 1.3611 * 1.3593 * 1.3433 * 1.2852 * 1.3592 * 1.2163 * 2.4191 *
   ************************************************************************
11 * 1.4988 * 1.7785 * 1.6841 * 1.7342 * 1.6882 * 1.8533 * 1.1583 *  .5557 *
   * 1.4971 * 1.2697 * 1.3430 * 1.3098 * 1.3534 * 1.2323 * 1.7904 * 3.6877 *
   ************************************************************************
12 * 1.8636 * 1.6750 * 1.7574 * 1.6887 * 1.6419 * 1.8719 *  .9553 *
   * 1.2059 * 1.3432 * 1.2847 * 1.3529 * 1.4091 * 1.2336 * 2.1772 *
   ****************************************************************
13 * 1.5233 * 1.7538 * 1.6647 * 1.8541 * 1.8725 * 1.8626 *  .8000 *
   * 1.4722 * 1.2846 * 1.3582 * 1.2318 * 1.2332 * 1.2429 * 2.6105 *
   ****************************************************************
14 * 1.8883 * 1.8970 * 1.8588 * 1.1589 *  .9556 *  .8164 *
   * 1.1904 * 1.1866 * 1.2154 * 1.7893 * 2.1767 * 2.5637 *
   ********************************************************
15 *  .8369 *  .8658 *  .8384 *  .5560 * F-SUB-Q
   * 2.4336 * 2.3314 * 2.4181 * 3.6855 * M-SUB-Q
   *************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7231 * 1.4138 * 1.5463 * 1.4851 * 1.8518 * 1.5114 * 1.8816 *  .8316 *
   * 1.2784 * 1.5465 * 1.4075 * 1.4570 * 1.1697 * 1.4306 * 1.1512 * 2.3622 *
   ************************************************************************
 9 * 1.4138 * 1.7013 * 1.6435 * 1.7645 * 1.6604 * 1.7438 * 1.8886 *  .8627 *
   * 1.5465 * 1.2818 * 1.3237 * 1.2338 * 1.3066 * 1.2452 * 1.1483 * 2.2562 *
   ************************************************************************
10 * 1.5463 * 1.6428 * 1.6480 * 1.6705 * 1.7444 * 1.6535 * 1.8515 *  .8341 *
   * 1.4075 * 1.3243 * 1.3222 * 1.3053 * 1.2478 * 1.3178 * 1.1753 * 2.3434 *
   ************************************************************************
11 * 1.4851 * 1.7648 * 1.6710 * 1.7230 * 1.6798 * 1.8457 * 1.1540 *  .5513 *
   * 1.4570 * 1.2336 * 1.3049 * 1.2705 * 1.3108 * 1.1910 * 1.7309 * 3.5829 *
   ************************************************************************
12 * 1.8518 * 1.6615 * 1.7452 * 1.6803 * 1.6344 * 1.8674 *  .9534 *
   * 1.1697 * 1.3057 * 1.2472 * 1.3103 * 1.3619 * 1.1890 * 2.0996 *
   ****************************************************************
13 * 1.5114 * 1.7464 * 1.6548 * 1.8466 * 1.8681 * 1.8601 *  .7973 *
   * 1.4306 * 1.2434 * 1.3168 * 1.1905 * 1.1886 * 1.1957 * 2.5186 *
   ****************************************************************
14 * 1.8816 * 1.8910 * 1.8529 * 1.1547 *  .9537 *  .8134 *
   * 1.1512 * 1.1470 * 1.1745 * 1.7298 * 2.0990 * 2.4740 *
   ********************************************************
15 *  .8316 *  .8633 *  .8346 *  .5517 * F-SUB-Q
   * 2.3622 * 2.2550 * 2.3422 * 3.5807 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6859 * 1.3891 * 1.5179 * 1.4620 * 1.8196 * 1.4898 * 1.8533 *  .8281 *
   * 1.3617 * 1.6437 * 1.4976 * 1.5465 * 1.2430 * 1.5164 * 1.2203 * 2.4790 *
   ************************************************************************
 9 * 1.3891 * 1.6642 * 1.6159 * 1.7314 * 1.6338 * 1.7213 * 1.8606 *  .8632 *
   * 1.6437 * 1.3660 * 1.4065 * 1.3133 * 1.3872 * 1.3173 * 1.2168 * 2.3565 *
   ************************************************************************
10 * 1.5179 * 1.6152 * 1.6206 * 1.6438 * 1.7140 * 1.6297 * 1.8248 *  .8340 *
   * 1.4976 * 1.4071 * 1.4047 * 1.3853 * 1.3264 * 1.3959 * 1.2444 * 2.4482 *
   ************************************************************************
11 * 1.4620 * 1.7318 * 1.6443 * 1.6935 * 1.6568 * 1.8163 * 1.1509 *  .5484 *
   * 1.5465 * 1.3130 * 1.3850 * 1.3492 * 1.3867 * 1.2616 * 1.8109 * 3.7626 *
   ************************************************************************
12 * 1.8196 * 1.6349 * 1.7149 * 1.6574 * 1.6131 * 1.8401 *  .9531 *
   * 1.2430 * 1.3863 * 1.3258 * 1.3862 * 1.4365 * 1.2556 * 2.1890 *
   ****************************************************************
13 * 1.4898 * 1.7238 * 1.6310 * 1.8171 * 1.8408 * 1.8363 *  .7964 *
   * 1.5164 * 1.3154 * 1.3948 * 1.2610 * 1.2552 * 1.2592 * 2.6251 *
   ****************************************************************
14 * 1.8533 * 1.8630 * 1.8263 * 1.1516 *  .9534 *  .8126 *
   * 1.2203 * 1.2153 * 1.2434 * 1.8097 * 2.1883 * 2.5785 *
   ********************************************************
15 *  .8281 *  .8638 *  .8345 *  .5487 * F-SUB-Q
   * 2.4790 * 2.3551 * 2.4472 * 3.7602 * M-SUB-Q
   ************************************
```

AT 100% POWER, 125 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6869 * 1.3751 * 1.5107 * 1.4520 * 1.8256 * 1.4814 * 1.8658 *  .8106 *
   * 1.3050 * 1.5964 * 1.4526 * 1.5058 * 1.1978 * 1.4758 * 1.1720 * 2.4528 *
   ************************************************************************
 9 * 1.3751 * 1.6653 * 1.6110 * 1.7353 * 1.6288 * 1.7237 * 1.8737 *  .8381 *
   * 1.5964 * 1.3179 * 1.3625 * 1.2650 * 1.3454 * 1.2722 * 1.1679 * 2.3502 *
   ************************************************************************
10 * 1.5107 * 1.6103 * 1.6155 * 1.6388 * 1.7169 * 1.6275 * 1.8371 *  .8116 *
   * 1.4526 * 1.3632 * 1.3608 * 1.3415 * 1.2787 * 1.3499 * 1.1935 * 2.4349 *
   ************************************************************************
11 * 1.4520 * 1.7357 * 1.6393 * 1.6965 * 1.6556 * 1.8262 * 1.1278 *  .5335 *
   * 1.5058 * 1.2648 * 1.3411 * 1.2982 * 1.3368 * 1.2073 * 1.7822 * 3.7441 *
   ************************************************************************
12 * 1.8256 * 1.6299 * 1.7178 * 1.6561 * 1.6135 * 1.8528 *  .9269 *
   * 1.1978 * 1.3445 * 1.2781 * 1.3363 * 1.3773 * 1.1958 * 2.1656 *
   ****************************************************************
13 * 1.4814 * 1.7264 * 1.6288 * 1.8271 * 1.8536 * 1.8514 *  .7778 *
   * 1.4758 * 1.2703 * 1.3488 * 1.2068 * 1.1954 * 1.1966 * 2.5823 *
   ****************************************************************
14 * 1.8658 * 1.8761 * 1.8386 * 1.1285 *  .9272 *  .7934 *
   * 1.1720 * 1.1665 * 1.1925 * 1.7810 * 2.1650 * 2.5369 *
   ********************************************************
15 *  .8106 *  .8386 *  .8121 *  .5338 * F-SUB-Q
   * 2.4528 * 2.3492 * 2.4337 * 3.7417 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6532	1.3470	1.4834	1.4236	1.7933	1.4546	1.8360	.7933
	1.2751	1.5650	1.4235	1.4787	1.1734	1.4467	1.1456	2.4143
9	1.3470	1.6354	1.5831	1.7031	1.5990	1.6977	1.8443	.8204
	1.5650	1.2917	1.3345	1.2405	1.3192	1.2427	1.1412	2.3129
10	1.4834	1.5823	1.5874	1.6093	1.6857	1.6004	1.8094	.7946
	1.4235	1.3351	1.3331	1.3147	1.2535	1.3205	1.1651	2.3955
11	1.4236	1.7035	1.6097	1.6652	1.6268	1.7941	1.1057	.5212
	1.4787	1.2402	1.3143	1.2720	1.3054	1.1802	1.7480	3.6917
12	1.7933	1.6001	1.6865	1.6273	1.5860	1.8212	.9070	
	1.1734	1.3183	1.2529	1.3050	1.3406	1.1659	2.1263	
13	1.4546	1.7004	1.6017	1.7950	1.8219	1.8236	.7614	
	1.4467	1.2409	1.3195	1.1796	1.1654	1.1636	2.5324	
14	1.8360	1.8467	1.8109	1.1065	.9073	.7766		
	1.1456	1.1397	1.1642	1.7468	2.1258	2.4882		
15	.7933	.8209	.7950	.5215	F-SUB-Q			
	2.4143	2.3118	2.3943	3.6893	M-SUB-Q			

AT 100% POWER, 125 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5763	1.3012	1.4312	1.3713	1.7108	1.4041	1.7519	.7740
	1.2916	1.5648	1.4278	1.4859	1.1895	1.4506	1.1612	2.3970
9	1.3012	1.5665	1.5261	1.6255	1.5381	1.6353	1.7605	.8070
	1.5648	1.3053	1.3397	1.2577	1.3272	1.2480	1.1561	2.2777
10	1.4312	1.5254	1.5306	1.5488	1.6112	1.5423	1.7306	.7815
	1.4278	1.3403	1.3380	1.3216	1.2691	1.3254	1.1777	2.3588
11	1.3713	1.6259	1.5492	1.5908	1.5637	1.7088	1.0811	.5103
	1.4859	1.2574	1.3213	1.2878	1.3115	1.1968	1.7294	3.6529
12	1.7108	1.5393	1.6120	1.5642	1.5234	1.7335	.8904	
	1.1895	1.3263	1.2685	1.3111	1.3462	1.1816	2.0938	
13	1.4041	1.6378	1.5435	1.7097	1.7342	1.7402	.7446	
	1.4506	1.2461	1.3243	1.1962	1.1811	1.1754	2.5016	
14	1.7519	1.7628	1.7321	1.0818	.8907	.7600		
	1.1612	1.1546	1.1768	1.7282	2.0932	2.4563		
15	.7740	.8076	.7819	.5106	F-SUB-Q			
	2.3970	2.2762	2.3578	3.6506	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5184	1.2551	1.3901	1.3200	1.6430	1.3538	1.6831	.7329
	1.3037	1.5798	1.4309	1.5029	1.2057	1.4645	1.1759	2.4670
9	1.2551	1.5147	1.4792	1.5644	1.4848	1.5802	1.6911	.7598
	1.5798	1.3142	1.3452	1.2717	1.3382	1.2564	1.1707	2.3575
10	1.3901	1.4785	1.4844	1.4976	1.5506	1.4919	1.6666	.7350
	1.4309	1.3459	1.3428	1.3299	1.2833	1.3330	1.1895	2.4439
11	1.3200	1.5648	1.4980	1.5300	1.5074	1.6400	1.0235	.4830
	1.5029	1.2715	1.3295	1.3026	1.3224	1.2122	1.7778	3.7620
12	1.6430	1.4858	1.5514	1.5079	1.4662	1.6598	.8384	
	1.2057	1.3373	1.2827	1.3220	1.3594	1.1987	2.1636	
13	1.3538	1.5827	1.4932	1.6408	1.6604	1.6685	.7010	
	1.4645	1.2545	1.3319	1.2116	1.1982	1.1902	2.5849	
14	1.6831	1.6934	1.6680	1.0242	.8386	.7148		
	1.1759	1.1692	1.1885	1.7766	2.1631	2.5404		
15	.7329	.7603	.7354	.4833	F-SUB-Q			
	2.4670	2.3562	2.4426	3.7596	M-SUB-Q			

AT 100% POWER, 125 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3872	1.1694	1.2885	1.2214	1.4881	1.2470	1.5209	.6791
	1.3964	1.6598	1.5111	1.5906	1.3029	1.5567	1.2735	2.6097
9	1.1694	1.3870	1.3697	1.4303	1.3691	1.4486	1.5277	.7010
	1.6598	1.4051	1.4219	1.3612	1.4203	1.3410	1.2682	2.5048
10	1.2885	1.3691	1.3684	1.3880	1.4179	1.3739	1.5084	.6764
	1.5111	1.4226	1.4258	1.4040	1.3734	1.4163	1.2859	2.6035
11	1.2214	1.4306	1.3884	1.3985	1.3834	1.4851	.9406	.4448
	1.5906	1.3609	1.4036	1.3943	1.4088	1.3092	1.8946	4.0079
12	1.4881	1.3700	1.4186	1.3840	1.3416	1.4970	.7737	
	1.3029	1.4193	1.3728	1.4083	1.4528	1.2993	2.2959	
13	1.2470	1.4509	1.3751	1.4858	1.4976	1.4970	.6409	
	1.5567	1.3389	1.4152	1.3086	1.2988	1.2970	2.7695	
14	1.5209	1.5298	1.5097	.9412	.7739	.6532		
	1.2735	1.2666	1.2849	1.8934	2.2953	2.7231		
15	.6791	.7015	.6767	.4451	F-SUB-Q			
	2.6097	2.5032	2.6023	4.0054	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 125 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2074	.9727	1.0545	1.0088	1.2736	1.0142	1.3064	.5674
	1.5800	1.9640	1.8172	1.8947	1.4995	1.8835	1.4597	3.0805
9	.9727	1.2087	1.1260	1.2709	1.1013	1.1708	1.3142	.5854
	1.9640	1.5836	1.7021	1.5059	1.7394	1.6322	1.4516	2.9574
10	1.0545	1.1255	1.0863	1.1510	1.2358	1.1191	1.2358	.5576
	1.8172	1.7028	1.7670	1.6657	1.5494	1.7112	1.5449	3.1146
11	1.0088	1.2711	1.1514	1.2257	1.1100	1.2853	.7766	.3690
	1.8947	1.5056	1.6653	1.5639	1.7283	1.4883	2.2604	4.7696
12	1.2736	1.1020	1.2364	1.1103	1.0540	1.2921	.6520	
	1.4995	1.7383	1.5487	1.7278	1.8188	1.4809	2.6847	
13	1.0142	1.1727	1.1199	1.2858	1.2925	1.1707	.5200	
	1.8835	1.6297	1.7100	1.4877	1.4804	1.6328	3.3653	
14	1.3064	1.3156	1.2367	.7770	.6522	.5296		
	1.4597	1.4500	1.5437	2.2591	2.6839	3.3110		
15	.5674	.5858	.5578	.3692	F-SUB-Q			
	3.0805	2.9555	3.1133	4.7668	M-SUB-Q			

AT 100% POWER, 125 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.5126	.4357	.4335	.4484	.5347	.4450	.4882	.2472
	3.6870	4.3416	4.3720	4.2199	3.5353	4.2497	3.8674	7.0124
9	.4357	.5042	.4596	.5344	.4536	.4632	.4896	.2500
	4.3416	3.7557	4.1242	3.5445	4.1753	4.0812	3.8576	6.8691
10	.4335	.4594	.4345	.4744	.5311	.4553	.4560	.2348
	4.3720	4.1254	4.3668	3.9954	3.5670	4.1589	4.1454	7.3375
11	.4484	.5345	.4745	.5252	.4487	.5038	.3352	.1625
	4.2199	3.5435	3.9944	3.6106	4.2264	3.7583	5.1887	10.7473
12	.5347	.4539	.5313	.4488	.4217	.4812	.2772	
	3.5353	4.1730	3.5655	4.2252	4.4990	3.9358	6.2603	
13	.4450	.4639	.4557	.5040	.4814	.4237	.2166	
	4.2497	4.0752	4.1560	3.7567	3.9342	4.4693	8.0123	
14	.4882	.4901	.4563	.3354	.2773	.2200		
	3.8674	3.8535	4.1422	5.1863	6.2574	7.9046		
15	.2472	.2501	.2349	.1626	F-SUB-Q			
	7.0124	6.8652	7.3336	10.7404	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4676	.4728	.4771	.4810	.5463	.4686	.4779	.2676
	3.3685	3.8375	3.9680	3.8093	3.3660	3.8420	3.7791	6.0489
9	.4728	.5392	.4957	.5507	.4793	.4689	.4776	.2678
	3.8375	3.5330	3.7876	3.4055	3.8185	3.8553	3.8011	6.0367
10	.4771	.4956	.4703	.4972	.5434	.4665	.4521	.2518
	3.9680	3.7881	4.0159	3.7601	3.4995	4.0033	4.1097	6.5326
11	.4810	.5507	.4973	.5378	.4584	.4909	.3440	.1919
	3.8093	3.4051	3.7596	3.5671	4.0572	3.8204	5.0642	8.9107
12	.5463	.4795	.5435	.4585	.3975	.4399	.2871	
	3.3660	3.8173	3.4985	4.0567	4.2053	3.9735	5.8364	
13	.4686	.4697	.4668	.4910	.4398	.3926	.2213	
	3.8420	3.8491	4.0011	3.8200	3.9736	4.3873	7.3818	
14	.4779	.4781	.4523	.3440	.2870	.2257		
	3.7791	3.7974	4.1077	5.0641	5.8385	7.2683		
15	.2676	.2679	.2519	.1919	F-SUB-Q			
	6.0489	6.0358	6.5321	8.9095	M-SUB-Q			

AT 100% POWER, 200 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0935	.9737	1.0459	.9857	1.1442	.9698	1.1158	.5748
	1.6701	1.9249	1.8536	1.9030	1.6482	1.9024	1.6581	2.8882
9	.9737	1.1508	1.0846	1.1595	1.0503	1.0429	1.1168	.5914
	1.9249	1.6874	1.7724	1.6567	1.7790	1.7689	1.6643	2.8017
10	1.0459	1.0844	1.0511	1.0844	1.1179	1.0323	1.0668	.5634
	1.8536	1.7726	1.8397	1.7653	1.7529	1.8508	1.7829	2.9914
11	.9857	1.1595	1.0845	1.1134	1.0303	1.1068	.7410	.4069
	1.9030	1.6564	1.7651	1.7400	1.8443	1.7288	2.3874	4.3009
12	1.1442	1.0506	1.1182	1.0304	.9320	1.0692	.6385	
	1.6482	1.7783	1.7526	1.8441	1.9226	1.7181	2.6816	
13	.9698	1.0443	1.0328	1.1069	1.0692	.9690	.5140	
	1.9024	1.7666	1.8498	1.7287	1.7181	1.8818	3.2550	
14	1.1158	1.1177	1.0672	.7409	.6383	.5171		
	1.6581	1.6629	1.7822	2.3876	2.6825	3.2490		
15	.5748	.5917	.5634	.4069	F-SUB-Q			
	2.8882	2.8007	2.9915	4.3005	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3396	1.1875	1.2626	1.1875	1.3573	1.1811	1.3180	.6901
	1.4490	1.6341	1.5617	1.6047	1.4071	1.5871	1.4246	2.4432
9	1.1875	1.3509	1.3024	1.3301	1.2916	1.2724	1.3179	.7204
	1.6341	1.4530	1.5000	1.4671	1.4681	1.4720	1.4313	2.3339
10	1.2626	1.3022	1.2976	1.3030	1.3019	1.2522	1.2863	.6933
	1.5617	1.5002	1.5141	1.4927	1.5090	1.5463	1.4977	2.4684
11	1.1875	1.3302	1.3032	1.2761	1.2729	1.3083	.9102	.4894
	1.6047	1.4668	1.4925	1.5504	1.5209	1.4888	1.9721	3.6300
12	1.3573	1.2920	1.3022	1.2730	1.2091	1.2786	.7791	
	1.4071	1.4676	1.5086	1.5208	1.5662	1.4830	2.2405	
13	1.1811	1.2739	1.2527	1.3085	1.2787	1.2292	.6351	
	1.5871	1.4702	1.5454	1.4886	1.4829	1.5246	2.6898	
14	1.3180	1.3191	1.2869	.9101	.7789	.6462		
	1.4246	1.4300	1.4970	1.9722	2.2410	2.6547		
15	.6901	.7207	.6934	.4894	F-SUB-Q			
	2.4432	2.3332	2.4683	3.6296	M-SUB-Q			

AT 100% POWER, 200 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5281	1.3113	1.3947	1.3133	1.5485	1.3064	1.5094	.7467
	1.3013	1.5150	1.4390	1.4728	1.2526	1.4557	1.2604	2.2902
9	1.3113	1.5305	1.4427	1.5110	1.4368	1.4243	1.5099	.7777
	1.5150	1.3123	1.3740	1.3112	1.3391	1.3330	1.2658	2.1929
10	1.3947	1.4424	1.4385	1.4485	1.4779	1.3952	1.4682	.7506
	1.4390	1.3742	1.3856	1.3625	1.3490	1.4066	1.3290	2.3120
11	1.3133	1.5112	1.4487	1.4503	1.4232	1.5037	.9967	.5267
	1.4728	1.3108	1.3622	1.3863	1.3848	1.3182	1.8306	3.4191
12	1.5485	1.4373	1.4782	1.4234	1.3590	1.4808	.8467	
	1.2526	1.3386	1.3486	1.3846	1.4248	1.3080	2.1022	
13	1.3064	1.4259	1.3959	1.5040	1.4810	1.4205	.6940	
	1.4557	1.3314	1.4058	1.3180	1.3078	1.3474	2.5125	
14	1.5094	1.5112	1.4689	.9966	.8466	.7081		
	1.2604	1.2647	1.3283	1.8307	2.1025	2.4730		
15	.7467	.7781	.7506	.5267	F-SUB-Q			
	2.2902	2.1920	2.3121	3.4186	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6200 * 1.3684 * 1.4510 * 1.3736 * 1.6436 * 1.3638 * 1.6062 *  .7813 *
   * 1.2549 * 1.4836 * 1.4108 * 1.4313 * 1.1996 * 1.4178 * 1.2029 * 2.2252 *
   ************************************************************************
 9 * 1.3684 * 1.6169 * 1.5070 * 1.6078 * 1.5057 * 1.4964 * 1.6077 *  .8152 *
   * 1.4836 * 1.2690 * 1.3368 * 1.2509 * 1.2990 * 1.2887 * 1.2063 * 2.1268 *
   ************************************************************************
10 * 1.4510 * 1.5067 * 1.5010 * 1.5216 * 1.5702 * 1.4637 * 1.5594 *  .7861 *
   * 1.4108 * 1.3370 * 1.3490 * 1.3175 * 1.2900 * 1.3619 * 1.2704 * 2.2427 *
   ************************************************************************
11 * 1.3736 * 1.6080 * 1.5219 * 1.5445 * 1.5004 * 1.6068 * 1.0493 *  .5472 *
   * 1.4313 * 1.2508 * 1.3172 * 1.3270 * 1.3395 * 1.2575 * 1.7711 * 3.3405 *
   ************************************************************************
12 * 1.6436 * 1.5063 * 1.5706 * 1.5006 * 1.4301 * 1.5902 *  .8931 *
   * 1.1996 * 1.2984 * 1.2896 * 1.3392 * 1.3805 * 1.2433 * 2.0353 *
   ****************************************************************
13 * 1.3638 * 1.4981 * 1.4644 * 1.6072 * 1.5904 * 1.5194 *  .7307 *
   * 1.4178 * 1.2872 * 1.3611 * 1.2573 * 1.2431 * 1.2866 * 2.4401 *
   ****************************************************************
14 * 1.6062 * 1.6092 * 1.5601 * 1.0493 *  .8931 *  .7460 *
   * 1.2029 * 1.2053 * 1.2699 * 1.7711 * 2.0354 * 2.4001 *
   ********************************************************
15 *  .7813 *  .8155 *  .7861 *  .5472 * F-SUB-Q
   * 2.2252 * 2.1262 * 2.2427 * 3.3399 * M-SUB-Q
   *************************************
```

AT 100% POWER, 200 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6647 * 1.3955 * 1.4767 * 1.4043 * 1.6922 * 1.3917 * 1.6573 *  .8029 *
   * 1.2460 * 1.4839 * 1.4087 * 1.4261 * 1.1877 * 1.4164 * 1.1864 * 2.2076 *
   ************************************************************************
 9 * 1.3955 * 1.6587 * 1.5390 * 1.6604 * 1.5414 * 1.5336 * 1.6601 *  .8404 *
   * 1.4839 * 1.2619 * 1.3312 * 1.2330 * 1.2934 * 1.2804 * 1.1889 * 2.1027 *
   ************************************************************************
10 * 1.4767 * 1.5386 * 1.5325 * 1.5612 * 1.6201 * 1.5000 * 1.6076 *  .8093 *
   * 1.4087 * 1.3314 * 1.3441 * 1.3055 * 1.2721 * 1.3516 * 1.2537 * 2.2176 *
   ************************************************************************
11 * 1.4043 * 1.6606 * 1.5615 * 1.5968 * 1.5435 * 1.6636 * 1.0827 *  .5591 *
   * 1.4261 * 1.2328 * 1.3052 * 1.3042 * 1.3254 * 1.2366 * 1.7416 * 3.3214 *
   ************************************************************************
12 * 1.6922 * 1.5419 * 1.6206 * 1.5437 * 1.4682 * 1.6506 *  .9234 *
   * 1.1877 * 1.2929 * 1.2717 * 1.3251 * 1.3723 * 1.2250 * 2.0106 *
   ****************************************************************
13 * 1.3917 * 1.5353 * 1.5007 * 1.6639 * 1.6509 * 1.5731 *  .7552 *
   * 1.4164 * 1.2789 * 1.3508 * 1.2364 * 1.2248 * 1.2738 * 2.4208 *
   ****************************************************************
14 * 1.6573 * 1.6615 * 1.6083 * 1.0827 *  .9234 *  .7706 *
   * 1.1864 * 1.1880 * 1.2532 * 1.7414 * 2.0105 * 2.3826 *
   ********************************************************
15 *  .8029 *  .8408 *  .8094 *  .5591 * F-SUB-Q
   * 2.2076 * 2.1019 * 2.2176 * 3.3207 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7067 * 1.4172 * 1.5009 * 1.4302 * 1.7387 * 1.4147 * 1.7086 *  .8122 *
   * 1.2384 * 1.4865 * 1.4017 * 1.4323 * 1.1829 * 1.4257 * 1.1765 * 2.2326 *
   ************************************************************************
 9 * 1.4172 * 1.6983 * 1.5688 * 1.7111 * 1.5751 * 1.5683 * 1.7123 *  .8474 *
   * 1.4865 * 1.2536 * 1.3312 * 1.2212 * 1.2955 * 1.2794 * 1.1777 * 2.1330 *
   ************************************************************************
10 * 1.5009 * 1.5684 * 1.5623 * 1.5971 * 1.6669 * 1.5332 * 1.6557 *  .8162 *
   * 1.4017 * 1.3315 * 1.3436 * 1.3003 * 1.2605 * 1.3471 * 1.2401 * 2.2452 *
   ************************************************************************
11 * 1.4302 * 1.7113 * 1.5974 * 1.6491 * 1.5824 * 1.7190 * 1.0979 *  .5622 *
   * 1.4323 * 1.2211 * 1.3001 * 1.2791 * 1.3115 * 1.2150 * 1.7370 * 3.3595 *
   ************************************************************************
12 * 1.7387 * 1.5757 * 1.6673 * 1.5827 * 1.5029 * 1.7093 *  .9356 *
   * 1.1829 * 1.2950 * 1.2601 * 1.3112 * 1.3681 * 1.2084 * 2.0248 *
   ****************************************************************
13 * 1.4147 * 1.5700 * 1.5340 * 1.7194 * 1.7097 * 1.6247 *  .7646 *
   * 1.4257 * 1.2779 * 1.3463 * 1.2147 * 1.2082 * 1.2600 * 2.4443 *
   ****************************************************************
14 * 1.7086 * 1.7136 * 1.6564 * 1.0981 *  .9356 *  .7811 *
   * 1.1765 * 1.1767 * 1.2395 * 1.7368 * 2.0247 * 2.4030 *
   *******************************************************
15 *  .8122 *  .8478 *  .8162 *  .5623 * F-SUB-Q
   * 2.2326 * 2.1323 * 2.2451 * 3.3587 * M-SUB-Q
   *************************************
```

AT 100% POWER, 200 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7282 * 1.4272 * 1.5119 * 1.4437 * 1.7646 * 1.4262 * 1.7384 *  .8197 *
   * 1.2468 * 1.5051 * 1.4215 * 1.4558 * 1.1968 * 1.4525 * 1.1868 * 2.2718 *
   ************************************************************************
 9 * 1.4271 * 1.7183 * 1.5843 * 1.7395 * 1.5937 * 1.5881 * 1.7427 *  .8538 *
   * 1.5051 * 1.2632 * 1.3440 * 1.2297 * 1.3147 * 1.2959 * 1.1867 * 2.1733 *
   ************************************************************************
10 * 1.5119 * 1.5839 * 1.5779 * 1.6177 * 1.6941 * 1.5519 * 1.6834 *  .8222 *
   * 1.4215 * 1.3443 * 1.3562 * 1.3087 * 1.2671 * 1.3574 * 1.2459 * 2.2826 *
   ************************************************************************
11 * 1.4437 * 1.7397 * 1.6180 * 1.6807 * 1.6054 * 1.7522 * 1.1095 *  .5649 *
   * 1.4558 * 1.2295 * 1.3085 * 1.2801 * 1.3181 * 1.2147 * 1.7547 * 3.3987 *
   ************************************************************************
12 * 1.7646 * 1.5943 * 1.6945 * 1.6058 * 1.5229 * 1.7453 *  .9452 *
   * 1.1968 * 1.3141 * 1.2668 * 1.3178 * 1.3731 * 1.2053 * 2.0383 *
   ****************************************************************
13 * 1.4262 * 1.5898 * 1.5527 * 1.7526 * 1.7457 * 1.6560 *  .7724 *
   * 1.4525 * 1.2944 * 1.3567 * 1.2144 * 1.2051 * 1.2617 * 2.4662 *
   ****************************************************************
14 * 1.7384 * 1.7441 * 1.6842 * 1.1097 *  .9452 *  .7891 *
   * 1.1868 * 1.1858 * 1.2453 * 1.7544 * 2.0381 * 2.4244 *
   *******************************************************
15 *  .8197 *  .8541 *  .8223 *  .5650 * F-SUB-Q
   * 2.2718 * 2.1726 * 2.2824 * 3.3980 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7494 * 1.4353 * 1.5225 * 1.4552 * 1.7900 * 1.4362 * 1.7675 *  .8227 *
   * 1.2755 * 1.5449 * 1.4455 * 1.4888 * 1.2166 * 1.4881 * 1.2037 * 2.3347 *
   ************************************************************************
 9 * 1.4353 * 1.7375 * 1.5989 * 1.7669 * 1.6102 * 1.6067 * 1.7723 *  .8546 *
   * 1.5449 * 1.2890 * 1.3651 * 1.2438 * 1.3415 * 1.3197 * 1.2023 * 2.2388 *
   ************************************************************************
10 * 1.5225 * 1.5985 * 1.5927 * 1.6361 * 1.7187 * 1.5691 * 1.7105 *  .8241 *
   * 1.4455 * 1.3654 * 1.3765 * 1.3264 * 1.2811 * 1.3755 * 1.2577 * 2.3422 *
   ************************************************************************
11 * 1.4552 * 1.7672 * 1.6364 * 1.7106 * 1.6259 * 1.7837 * 1.1156 *  .5638 *
   * 1.4888 * 1.2436 * 1.3262 * 1.2929 * 1.3398 * 1.2279 * 1.7819 * 3.4834 *
   ************************************************************************
12 * 1.7900 * 1.6108 * 1.7191 * 1.6262 * 1.5409 * 1.7791 *  .9482 *
   * 1.2166 * 1.3409 * 1.2808 * 1.3395 * 1.3982 * 1.2172 * 2.0898 *
   ****************************************************************
13 * 1.4362 * 1.6085 * 1.5698 * 1.7841 * 1.7795 * 1.6857 *  .7758 *
   * 1.4881 * 1.3182 * 1.3748 * 1.2277 * 1.2170 * 1.2749 * 2.5238 *
   ****************************************************************
14 * 1.7675 * 1.7738 * 1.7113 * 1.1158 *  .9482 *  .7928 *
   * 1.2037 * 1.2013 * 1.2571 * 1.7815 * 2.0897 * 2.4802 *
   ********************************************************
15 *  .8227 *  .8550 *  .8242 *  .5639 * F-SUB-Q
   * 2.3347 * 2.2378 * 2.3420 * 3.4825 * M-SUB-Q
   *************************************
```

AT 100% POWER, 200 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7347 * 1.4261 * 1.5109 * 1.4488 * 1.7771 * 1.4292 * 1.7577 *  .8295 *
   * 1.3324 * 1.6051 * 1.4994 * 1.5483 * 1.2701 * 1.5508 * 1.2544 * 2.3999 *
   ************************************************************************
 9 * 1.4261 * 1.7211 * 1.5896 * 1.7565 * 1.6027 * 1.6001 * 1.7631 *  .8668 *
   * 1.6051 * 1.3426 * 1.4175 * 1.2934 * 1.3933 * 1.3719 * 1.2515 * 2.2867 *
   ************************************************************************
10 * 1.5109 * 1.5891 * 1.5842 * 1.6298 * 1.7106 * 1.5627 * 1.7009 *  .8371 *
   * 1.4994 * 1.4179 * 1.4277 * 1.3745 * 1.3274 * 1.4250 * 1.3048 * 2.3829 *
   ************************************************************************
11 * 1.4488 * 1.7567 * 1.6301 * 1.7038 * 1.6212 * 1.7761 * 1.1287 *  .5685 *
   * 1.5483 * 1.2932 * 1.3743 * 1.3337 * 1.3794 * 1.2666 * 1.8116 * 3.5584 *
   ************************************************************************
12 * 1.7771 * 1.6034 * 1.7111 * 1.6216 * 1.5362 * 1.7735 *  .9631 *
   * 1.2701 * 1.3927 * 1.3270 * 1.3791 * 1.4534 * 1.2659 * 2.1209 *
   ****************************************************************
13 * 1.4292 * 1.6018 * 1.5634 * 1.7765 * 1.7739 * 1.6798 *  .7868 *
   * 1.5508 * 1.3704 * 1.4242 * 1.2663 * 1.2657 * 1.3272 * 2.5800 *
   ****************************************************************
14 * 1.7577 * 1.7645 * 1.7017 * 1.1290 *  .9631 *  .8030 *
   * 1.2544 * 1.2505 * 1.3042 * 1.8112 * 2.1207 * 2.5384 *
   ********************************************************
15 *  .8295 *  .8672 *  .8372 *  .5687 * F-SUB-Q
   * 2.3999 * 2.2859 * 2.3827 * 3.5574 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7644 * 1.4361 * 1.5257 * 1.4614 * 1.8121 * 1.4411 * 1.7978 *  .8269 *
   * 1.3571 * 1.6515 * 1.5412 * 1.5982 * 1.2979 * 1.6027 * 1.2774 * 2.5064 *
   ************************************************************************
 9 * 1.4361 * 1.7489 * 1.6086 * 1.7930 * 1.6233 * 1.6245 * 1.8038 *  .8591 *
   * 1.6515 * 1.3689 * 1.4540 * 1.3159 * 1.4296 * 1.4069 * 1.2732 * 2.4015 *
   ************************************************************************
10 * 1.5257 * 1.6081 * 1.6037 * 1.6521 * 1.7433 * 1.5841 * 1.7384 *  .8275 *
   * 1.5412 * 1.4544 * 1.4644 * 1.4075 * 1.3485 * 1.4577 * 1.3244 * 2.5038 *
   ************************************************************************
11 * 1.4614 * 1.7933 * 1.6524 * 1.7412 * 1.6456 * 1.8175 * 1.1255 *  .5634 *
   * 1.5982 * 1.3157 * 1.4073 * 1.3529 * 1.4085 * 1.2823 * 1.8841 * 3.7137 *
   ************************************************************************
12 * 1.8121 * 1.6240 * 1.7439 * 1.6459 * 1.5585 * 1.8176 *  .9568 *
   * 1.2979 * 1.4290 * 1.3480 * 1.4083 * 1.4786 * 1.2754 * 2.2055 *
   ****************************************************************
13 * 1.4411 * 1.6263 * 1.5848 * 1.8179 * 1.8180 * 1.7195 *  .7821 *
   * 1.6027 * 1.4053 * 1.4570 * 1.2820 * 1.2752 * 1.3399 * 2.6749 *
   ****************************************************************
14 * 1.7978 * 1.8053 * 1.7392 * 1.1257 *  .9568 *  .7990 *
   * 1.2774 * 1.2722 * 1.3238 * 1.8835 * 2.2053 * 2.6293 *
   ********************************************************
15 *  .8269 *  .8594 *  .8277 *  .5635 * F-SUB-Q
   * 2.5064 * 2.4010 * 2.5035 * 3.7127 * M-SUB-Q
   *************************************
```

AT 100% POWER, 200 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7692 * 1.4347 * 1.5252 * 1.4632 * 1.8211 * 1.4422 * 1.8108 *  .8291 *
   * 1.4034 * 1.7031 * 1.5869 * 1.6493 * 1.3434 * 1.6708 * 1.3263 * 2.6125 *
   ************************************************************************
 9 * 1.4347 * 1.7522 * 1.6113 * 1.8029 * 1.6277 * 1.6318 * 1.8173 *  .8610 *
   * 1.7031 * 1.4083 * 1.4991 * 1.3610 * 1.4837 * 1.4639 * 1.3209 * 2.5034 *
   ************************************************************************
10 * 1.5252 * 1.6108 * 1.6068 * 1.6576 * 1.7546 * 1.5895 * 1.7502 *  .8287 *
   * 1.5869 * 1.4996 * 1.5147 * 1.4595 * 1.3962 * 1.5146 * 1.3717 * 2.6078 *
   ************************************************************************
11 * 1.4632 * 1.8032 * 1.6579 * 1.7523 * 1.6530 * 1.8319 * 1.1297 *  .5632 *
   * 1.6493 * 1.3608 * 1.4593 * 1.4018 * 1.4623 * 1.3266 * 1.9543 * 3.8631 *
   ************************************************************************
12 * 1.8211 * 1.6284 * 1.7552 * 1.6533 * 1.5663 * 1.8342 *  .9604 *
   * 1.3434 * 1.4831 * 1.3958 * 1.4620 * 1.5319 * 1.3158 * 2.2865 *
   ****************************************************************
13 * 1.4422 * 1.6335 * 1.5902 * 1.8323 * 1.8347 * 1.7344 *  .7848 *
   * 1.6708 * 1.4623 * 1.5138 * 1.3263 * 1.3155 * 1.3815 * 2.7699 *
   ****************************************************************
14 * 1.8108 * 1.8188 * 1.7510 * 1.1301 *  .9605 *  .8016 *
   * 1.3263 * 1.3198 * 1.3711 * 1.9537 * 2.2863 * 2.7231 *
   ********************************************************
15 *  .8291 *  .8613 *  .8289 *  .5634 * F-SUB-Q
   * 2.6125 * 2.5026 * 2.6074 * 3.8620 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7526 * 1.4230 * 1.5117 * 1.4549 * 1.8068 * 1.4336 * 1.8009 *  .8331 *
   * 1.3807 * 1.6730 * 1.5599 * 1.6145 * 1.3182 * 1.6356 * 1.3202 * 2.5716 *
   ************************************************************************
 9 * 1.4230 * 1.7334 * 1.6003 * 1.7890 * 1.6179 * 1.6241 * 1.8077 *  .8688 *
   * 1.6730 * 1.3873 * 1.4701 * 1.3362 * 1.4539 * 1.4480 * 1.3168 * 2.4548 *
   ************************************************************************
10 * 1.5117 * 1.5997 * 1.5960 * 1.6484 * 1.7444 * 1.5812 * 1.7402 *  .8384 *
   * 1.5599 * 1.4705 * 1.4861 * 1.4298 * 1.3735 * 1.4958 * 1.3725 * 2.5600 *
   ************************************************************************
11 * 1.4549 * 1.7893 * 1.6487 * 1.7420 * 1.6457 * 1.8227 * 1.1386 *  .5651 *
   * 1.6145 * 1.3361 * 1.4296 * 1.3829 * 1.4447 * 1.3257 * 1.9200 * 3.8409 *
   ************************************************************************
12 * 1.8068 * 1.6185 * 1.7450 * 1.6460 * 1.5610 * 1.8274 *  .9699 *
   * 1.3182 * 1.4533 * 1.3731 * 1.4444 * 1.5444 * 1.3344 * 2.2678 *
   ***************************************************************
13 * 1.4336 * 1.6259 * 1.5819 * 1.8232 * 1.8278 * 1.7284 *  .7928 *
   * 1.6356 * 1.4465 * 1.4950 * 1.3254 * 1.3341 * 1.4130 * 2.7817 *
   ***************************************************************
14 * 1.8009 * 1.8092 * 1.7410 * 1.1389 *  .9700 *  .8088 *
   * 1.3202 * 1.3158 * 1.3719 * 1.9194 * 2.2675 * 2.7383 *
   ********************************************************
15 *  .8331 *  .8693 *  .8385 *  .5652 * F-SUB-Q
   * 2.5716 * 2.4539 * 2.5597 * 3.8397 * M-SUB-Q
   *************************************
```

AT 100% POWER, 200 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7753 * 1.4275 * 1.5206 * 1.4628 * 1.8351 * 1.4408 * 1.8361 *  .8286 *
   * 1.3308 * 1.6286 * 1.5150 * 1.5694 * 1.2683 * 1.5905 * 1.2652 * 2.5229 *
   ************************************************************************
 9 * 1.4275 * 1.7536 * 1.6132 * 1.8191 * 1.6328 * 1.6441 * 1.8437 *  .8593 *
   * 1.6286 * 1.3391 * 1.4249 * 1.2839 * 1.4076 * 1.3979 * 1.2614 * 2.4220 *
   ************************************************************************
10 * 1.5206 * 1.6126 * 1.6096 * 1.6646 * 1.7746 * 1.5974 * 1.7736 *  .8272 *
   * 1.5150 * 1.4254 * 1.4395 * 1.3833 * 1.3204 * 1.4460 * 1.3149 * 2.5310 *
   ************************************************************************
11 * 1.4628 * 1.8194 * 1.6649 * 1.7719 * 1.6642 * 1.8581 * 1.1324 *  .5581 *
   * 1.5694 * 1.2837 * 1.3831 * 1.3272 * 1.3941 * 1.2684 * 1.8837 * 3.7863 *
   ************************************************************************
12 * 1.8351 * 1.6335 * 1.7752 * 1.6645 * 1.5797 * 1.8662 *  .9610 *
   * 1.2683 * 1.4070 * 1.3199 * 1.3939 * 1.4882 * 1.2735 * 2.2305 *
   ***************************************************************
13 * 1.4408 * 1.6459 * 1.5981 * 1.8585 * 1.8667 * 1.7644 *  .7862 *
   * 1.5905 * 1.3965 * 1.4453 * 1.2681 * 1.2732 * 1.3490 * 2.7301 *
   ***************************************************************
14 * 1.8361 * 1.8453 * 1.7744 * 1.1328 *  .9610 *  .8029 *
   * 1.2652 * 1.2604 * 1.3143 * 1.8830 * 2.2302 * 2.6848 *
   ********************************************************
15 *  .8286 *  .8596 *  .8274 *  .5583 * F-SUB-Q
   * 2.5229 * 2.4213 * 2.5305 * 3.7851 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7795 * 1.4237 * 1.5183 * 1.4627 * 1.8439 * 1.4403 * 1.8510 *  .8278 *
   * 1.2863 * 1.5774 * 1.4641 * 1.5140 * 1.2189 * 1.5348 * 1.2123 * 2.4335 *
   ************************************************************************
 9 * 1.4237 * 1.7558 * 1.6144 * 1.8285 * 1.6358 * 1.6514 * 1.8591 *  .8557 *
   * 1.5774 * 1.2921 * 1.3743 * 1.2341 * 1.3568 * 1.3438 * 1.2086 * 2.3436 *
   ************************************************************************
10 * 1.5183 * 1.6138 * 1.6110 * 1.6683 * 1.7848 * 1.6015 * 1.7874 *  .8244 *
   * 1.4641 * 1.3748 * 1.3888 * 1.3337 * 1.2692 * 1.3932 * 1.2603 * 2.4461 *
   ************************************************************************
11 * 1.4627 * 1.8288 * 1.6686 * 1.7818 * 1.6701 * 1.8728 * 1.1315 *  .5544 *
   * 1.5140 * 1.2339 * 1.3335 * 1.2767 * 1.3436 * 1.2178 * 1.8179 * 3.6686 *
   ************************************************************************
12 * 1.8439 * 1.6365 * 1.7855 * 1.6704 * 1.5869 * 1.8840 *  .9578 *
   * 1.2189 * 1.3562 * 1.2687 * 1.3434 * 1.4366 * 1.2228 * 2.1578 *
   ****************************************************************
13 * 1.4403 * 1.6531 * 1.6023 * 1.8733 * 1.8845 * 1.7818 *  .7851 *
   * 1.5348 * 1.3424 * 1.3925 * 1.2175 * 1.2225 * 1.2943 * 2.6355 *
   ****************************************************************
14 * 1.8510 * 1.8607 * 1.7883 * 1.1319 *  .9579 *  .8018 *
   * 1.2123 * 1.2076 * 1.2597 * 1.8172 * 2.1575 * 2.5918 *
   ********************************************************
15 *  .8278 *  .8562 *  .8246 *  .5546 * F-SUB-Q
   * 2.4335 * 2.3424 * 2.4457 * 3.6674 * M-SUB-Q
   *************************************
```

AT 100% POWER, 200 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7730 * 1.4149 * 1.5103 * 1.4571 * 1.8409 * 1.4353 * 1.8528 *  .8263 *
   * 1.2467 * 1.5335 * 1.4227 * 1.4692 * 1.1798 * 1.4887 * 1.1699 * 2.3565 *
   ************************************************************************
 9 * 1.4149 * 1.7467 * 1.6090 * 1.8250 * 1.6308 * 1.6513 * 1.8614 *  .8568 *
   * 1.5335 * 1.2549 * 1.3329 * 1.1947 * 1.3154 * 1.2985 * 1.1659 * 2.2623 *
   ************************************************************************
10 * 1.5103 * 1.6083 * 1.6054 * 1.6639 * 1.7829 * 1.5985 * 1.7889 *  .8241 *
   * 1.4227 * 1.3334 * 1.3470 * 1.2923 * 1.2271 * 1.3484 * 1.2159 * 2.3645 *
   ************************************************************************
11 * 1.4571 * 1.8253 * 1.6642 * 1.7798 * 1.6671 * 1.8743 * 1.1326 *  .5527 *
   * 1.4692 * 1.1945 * 1.2921 * 1.2344 * 1.2997 * 1.1740 * 1.7533 * 3.5547 *
   ************************************************************************
12 * 1.8409 * 1.6316 * 1.7836 * 1.6675 * 1.5862 * 1.8881 *  .9601 *
   * 1.1798 * 1.3148 * 1.2266 * 1.2994 * 1.3862 * 1.1761 * 2.0763 *
   ****************************************************************
13 * 1.4353 * 1.6530 * 1.5993 * 1.8748 * 1.8885 * 1.7863 *  .7859 *
   * 1.4887 * 1.2971 * 1.3478 * 1.1737 * 1.1758 * 1.2435 * 2.5375 *
   ****************************************************************
14 * 1.8528 * 1.8630 * 1.7897 * 1.1330 *  .9602 *  .8024 *
   * 1.1699 * 1.1650 * 1.2153 * 1.7526 * 2.0760 * 2.4962 *
   ********************************************************
15 *  .8263 *  .8572 *  .8243 *  .5529 * F-SUB-Q
   * 2.3565 * 2.2615 * 2.3640 * 3.5535 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.7500 * 1.3991 * 1.4926 * 1.4444 * 1.8206 * 1.4235 * 1.8360 *  .8276 *
   * 1.3198 * 1.6222 * 1.5077 * 1.5529 * 1.2493 * 1.5727 * 1.2358 * 2.4651 *
   ***********************************************************************
 9 * 1.3991 * 1.7219 * 1.5932 * 1.8027 * 1.6151 * 1.6402 * 1.8448 *  .8613 *
   * 1.6222 * 1.3316 * 1.4101 * 1.2665 * 1.3912 * 1.3688 * 1.2313 * 2.3577 *
   ***********************************************************************
10 * 1.4926 * 1.5925 * 1.5889 * 1.6481 * 1.7621 * 1.5847 * 1.7722 *  .8302 *
   * 1.5077 * 1.4107 * 1.4256 * 1.3656 * 1.2993 * 1.4239 * 1.2840 * 2.4579 *
   ***********************************************************************
11 * 1.4444 * 1.8030 * 1.6485 * 1.7587 * 1.6524 * 1.8567 * 1.1367 *  .5532 *
   * 1.5529 * 1.2663 * 1.3653 * 1.3069 * 1.3716 * 1.2385 * 1.8274 * 3.7183 *
   ***********************************************************************
12 * 1.8206 * 1.6159 * 1.7628 * 1.6528 * 1.5748 * 1.8723 *  .9653 *
   * 1.2493 * 1.3905 * 1.2988 * 1.3713 * 1.4576 * 1.2374 * 2.1580 *
   ***************************************************************
13 * 1.4235 * 1.6418 * 1.5855 * 1.8572 * 1.8728 * 1.7732 *  .7905 *
   * 1.5727 * 1.3674 * 1.4232 * 1.2382 * 1.2371 * 1.3061 * 2.6335 *
   ***************************************************************
14 * 1.8360 * 1.8463 * 1.7731 * 1.1372 *  .9654 *  .8059 *
   * 1.2358 * 1.2303 * 1.2834 * 1.8267 * 2.1578 * 2.5943 *
   *******************************************************
15 *  .8276 *  .8617 *  .8304 *  .5534 * F-SUB-Q
   * 2.4651 * 2.3568 * 2.4576 * 3.7170 * M-SUB-Q
   *************************************
```

AT 100% POWER, 200 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.7633 * 1.3957 * 1.4941 * 1.4435 * 1.8392 * 1.4234 * 1.8613 *  .8163 *
   * 1.2599 * 1.5696 * 1.4582 * 1.5069 * 1.1990 * 1.5265 * 1.1824 * 2.4273 *
   ***********************************************************************
 9 * 1.3957 * 1.7330 * 1.5972 * 1.8209 * 1.6199 * 1.6513 * 1.8706 *  .8436 *
   * 1.5696 * 1.2771 * 1.3625 * 1.2141 * 1.3442 * 1.3188 * 1.1775 * 2.3380 *
   ***********************************************************************
10 * 1.4941 * 1.5965 * 1.5928 * 1.6533 * 1.7781 * 1.5913 * 1.7960 *  .8126 *
   * 1.4582 * 1.3630 * 1.3771 * 1.3188 * 1.2455 * 1.3735 * 1.2273 * 2.4380 *
   ***********************************************************************
11 * 1.4435 * 1.8212 * 1.6536 * 1.7738 * 1.6588 * 1.8798 * 1.1212 *  .5415 *
   * 1.5069 * 1.2139 * 1.3186 * 1.2518 * 1.3203 * 1.1813 * 1.7928 * 3.6887 *
   ***********************************************************************
12 * 1.8392 * 1.6207 * 1.7788 * 1.6592 * 1.5829 * 1.8985 *  .9465 *
   * 1.1990 * 1.3436 * 1.2450 * 1.3200 * 1.3952 * 1.1750 * 2.1251 *
   ***************************************************************
13 * 1.4234 * 1.6530 * 1.5920 * 1.8803 * 1.8990 * 1.7986 *  .7766 *
   * 1.5265 * 1.3174 * 1.3728 * 1.1810 * 1.1748 * 1.2391 * 2.5858 *
   ***************************************************************
14 * 1.8613 * 1.8722 * 1.7969 * 1.1216 *  .9466 *  .7927 *
   * 1.1824 * 1.1765 * 1.2268 * 1.7920 * 2.1248 * 2.5440 *
   *******************************************************
15 *  .8163 *  .8438 *  .8128 *  .5417 * F-SUB-Q
   * 2.4273 * 2.3374 * 2.4375 * 3.6873 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7422	1.3767	1.4765	1.4257	1.8205	1.4078	1.8464	.8053
	1.2226	1.5304	1.4224	1.4715	1.1675	1.4886	1.1485	2.3743
9	1.3767	1.7105	1.5797	1.7998	1.6012	1.6383	1.8560	.8323
	1.5304	1.2447	1.3283	1.1840	1.3113	1.2812	1.1434	2.2862
10	1.4765	1.5790	1.5746	1.6345	1.7555	1.5752	1.7817	.8017
	1.4224	1.3288	1.3433	1.2859	1.2153	1.3371	1.1917	2.3837
11	1.4257	1.8001	1.6348	1.7505	1.6397	1.8622	1.1078	.5330
	1.4715	1.1838	1.2857	1.2213	1.2861	1.1470	1.7478	3.6156
12	1.8205	1.6020	1.7562	1.6401	1.5673	1.8823	.9338	
	1.1675	1.3106	1.2148	1.2858	1.3515	1.1376	2.0728	
13	1.4078	1.6400	1.5760	1.8627	1.8827	1.7854	.7663	
	1.4886	1.2799	1.3365	1.1467	1.1373	1.1979	2.5198	
14	1.8464	1.8577	1.7825	1.1082	.9339	.7822		
	1.1485	1.1425	1.1912	1.7470	2.0726	2.4792		
15	.8053	.8326	.8019	.5332	F-SUB-Q			
	2.3743	2.2858	2.3832	3.6143	M-SUB-Q			

AT 100% POWER, 200 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6746	1.3360	1.4339	1.3843	1.7515	1.3704	1.7771	.7911
	1.2297	1.5267	1.4197	1.4694	1.1749	1.4827	1.1558	2.3444
9	1.3360	1.6433	1.5334	1.7259	1.5505	1.5916	1.7867	.8241
	1.5267	1.2543	1.3263	1.1961	1.3124	1.2778	1.1503	2.2399
10	1.4339	1.5327	1.5271	1.5836	1.6819	1.5286	1.7157	.7955
	1.4197	1.3268	1.3426	1.2856	1.2285	1.3349	1.1982	2.3298
11	1.3843	1.7262	1.5839	1.6765	1.5862	1.7900	1.0923	.5260
	1.4694	1.1959	1.2853	1.2344	1.2871	1.1541	1.7170	3.5549
12	1.7515	1.5513	1.6825	1.5866	1.5194	1.8087	.9237	
	1.1749	1.3118	1.2280	1.2868	1.3474	1.1434	2.0283	
13	1.3704	1.5933	1.5293	1.7905	1.8092	1.7192	.7566	
	1.4827	1.2764	1.3342	1.1538	1.1431	1.2010	2.4690	
14	1.7771	1.7883	1.7166	1.0927	.9238	.7713		
	1.1558	1.1493	1.1976	1.7164	2.0280	2.4327		
15	.7911	.8245	.7959	.5261	F-SUB-Q			
	2.3444	2.2390	2.3291	3.5537	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6189	1.2941	1.3971	1.3378	1.6928	1.3282	1.7186	.7532
	1.2381	1.5353	1.4201	1.4821	1.1847	1.4912	1.1638	2.4019
9	1.2941	1.5892	1.4905	1.6641	1.5017	1.5450	1.7284	.7808
	1.5353	1.2635	1.3303	1.2084	1.3204	1.2823	1.1579	2.3060
10	1.3971	1.4898	1.4845	1.5348	1.6172	1.4843	1.6607	.7514
	1.4201	1.3308	1.3459	1.2926	1.2446	1.3391	1.2053	2.4062
11	1.3378	1.6644	1.5351	1.6085	1.5343	1.7279	1.0394	.5000
	1.4821	1.2082	1.2924	1.2528	1.2957	1.1632	1.7580	3.6488
12	1.6928	1.5025	1.6178	1.5346	1.4706	1.7437	.8745	
	1.1847	1.3197	1.2442	1.2954	1.3543	1.1530	2.0867	
13	1.3282	1.5467	1.4851	1.7284	1.7442	1.6604	.7162	
	1.4912	1.2808	1.3384	1.1629	1.1527	1.2086	2.5399	
14	1.7186	1.7299	1.6616	1.0398	.8746	.7307		
	1.1638	1.1569	1.2047	1.7573	2.0864	2.5002		
15	.7532	.7812	.7516	.5002	F-SUB-Q			
	2.4019	2.3051	2.4056	3.6475	M-SUB-Q			

AT 100% POWER, 200 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4716	1.2008	1.2968	1.2344	1.5324	1.2254	1.5529	.6952
	1.3336	1.6208	1.4990	1.5740	1.2812	1.5837	1.2611	2.5526
9	1.2008	1.4496	1.3797	1.5104	1.3848	1.4209	1.5625	.7182
	1.6208	1.3569	1.4077	1.3036	1.4022	1.3668	1.2540	2.4591
10	1.2968	1.3791	1.3710	1.4190	1.4686	1.3707	1.5031	.6909
	1.4990	1.4082	1.4276	1.3690	1.3423	1.4199	1.3044	2.5669
11	1.2344	1.5107	1.4192	1.4575	1.4121	1.5613	.9539	.4608
	1.5740	1.3034	1.3687	1.3540	1.3782	1.2596	1.8774	3.8871
12	1.5324	1.3855	1.4691	1.4124	1.3475	1.5698	.8040	
	1.2812	1.4015	1.3419	1.3779	1.4465	1.2527	2.2239	
13	1.2254	1.4226	1.3713	1.5618	1.5703	1.4960	.6557	
	1.5837	1.3651	1.4192	1.2593	1.2523	1.3121	2.7187	
14	1.5529	1.5640	1.5038	.9542	.8041	.6688		
	1.2611	1.2529	1.3038	1.8767	2.2236	2.6768		
15	.6952	.7187	.6911	.4609	F-SUB-Q			
	2.5526	2.4578	2.5663	3.8857	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 200 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2243	.9929	1.0634	1.0130	1.2635	.9982	1.2832	.5741
	1.5795	1.9293	1.7991	1.8882	1.5307	1.9136	1.5030	3.0487
9	.9929	1.2410	1.1328	1.2923	1.1108	1.1497	1.2917	.5915
	1.9293	1.5618	1.6875	1.4998	1.7202	1.6621	1.4937	2.9443
10	1.0634	1.1324	1.0921	1.1672	1.2677	1.1184	1.2233	.5647
	1.7991	1.6882	1.7635	1.6376	1.5291	1.7127	1.5779	3.0971
11	1.0130	1.2925	1.1674	1.2640	1.1300	1.2902	.7804	.3815
	1.8882	1.4995	1.6373	1.5354	1.6943	1.5001	2.2608	4.6342
12	1.2635	1.1113	1.2681	1.1302	1.0589	1.2961	.6666	
	1.5307	1.7194	1.5286	1.6939	1.8108	1.4932	2.6430	
13	.9982	1.1512	1.1190	1.2905	1.2964	1.1714	.5314	
	1.9136	1.6600	1.7118	1.4998	1.4928	1.6497	3.3074	
14	1.2832	1.2927	1.2238	.7806	.6667	.5414		
	1.5030	1.4925	1.5772	2.2601	2.6424	3.2601		
15	.5741	.5918	.5649	.3816	F-SUB-Q			
	3.0487	2.9429	3.0966	4.6327	M-SUB-Q			

AT 100% POWER, 200 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.5290	.4507	.4459	.4564	.5396	.4466	.4914	.2523
	3.6173	4.2064	4.2408	4.1453	3.5457	4.2325	3.8841	6.8748
9	.4507	.5213	.4708	.5486	.4639	.4648	.4933	.2553
	4.2064	3.6768	4.0133	3.4940	4.0707	4.0644	3.8703	6.7630
10	.4459	.4706	.4467	.4880	.5472	.4637	.4641	.2408
	4.2408	4.0143	4.2597	3.8692	3.5031	4.0826	4.1165	7.2008
11	.4564	.5487	.4881	.5441	.4629	.5168	.3419	.1700
	4.1453	3.4934	3.8687	3.5266	4.0856	3.7050	5.1092	*10.3139
12	.5396	.4641	.5474	.4630	.4336	.4941	.2864	
	3.5457	4.0689	3.5021	4.0848	4.3743	3.8746	6.0949	
13	.4466	.4654	.4639	.5170	.4943	.4361	.2248	
	4.2325	4.0591	4.0804	3.7040	3.8735	4.3874	7.7495	
14	.4914	.4937	.4643	.3420	.2865	.2283		
	3.8841	3.8671	4.1145	5.1080	6.0926	7.6632		
15	.2523	.2554	.2409	.1701	F-SUB-Q			
	6.8748	6.7604	7.1988	*10.3099	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.5382	.5442	.5509	.5526	.6266	.5399	.5576	.3205
	2.9496	3.2760	3.3917	3.2806	3.0149	3.3110	3.3309	5.0029
9	.5442	.6172	.5705	.6329	.5546	.5436	.5576	.3209
	3.2760	3.1433	3.2419	3.0381	3.2706	3.2937	3.3465	5.0531
10	.5509	.5704	.5446	.5765	.6294	.5458	.5354	.3043
	3.3917	3.2424	3.4120	3.1936	3.0928	3.3816	3.5630	5.5143
11	.5526	.6330	.5766	.6250	.5381	.5784	.4070	.2412
	3.2806	3.0378	3.1933	3.1420	3.4084	3.3282	4.3446	7.1860
12	.6266	.5547	.6295	.5381	.4632	.5217	.3471	
	3.0149	3.2697	3.0922	3.4081	3.4727	3.4163	4.8410	
13	.5399	.5443	.5459	.5785	.5217	.4705	.2731	
	3.3110	3.2894	3.3803	3.3281	3.4165	3.7382	6.0205	
14	.5576	.5581	.5355	.4069	.3469	.2779		
	3.3309	3.3439	3.5620	4.3452	4.8428	6.0023		
15	.3205	.3210	.3043	.2412	F-SUB-Q			
	5.0029	5.0553	5.5150	7.1863	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1610	1.0457	1.1176	1.0568	1.2137	1.0349	1.1975	.6426
	1.5998	1.7683	1.7087	1.7575	1.5943	1.7720	1.5907	2.5614
9	1.0457	1.2355	1.1577	1.2480	1.1337	1.1206	1.1994	.6608
	1.7683	1.6070	1.6373	1.5771	1.6396	1.6341	1.5952	2.5184
10	1.1176	1.1575	1.1263	1.1732	1.2230	1.1213	1.1577	.6327
	1.7087	1.6376	1.6908	1.6084	1.6319	1.6883	1.6872	2.7198
11	1.0568	1.2481	1.1733	1.2217	1.1305	1.2039	.8140	.4758
	1.7575	1.5770	1.6083	1.6233	1.6578	1.6306	2.2023	3.7332
12	1.2137	1.1340	1.2232	1.1306	1.0227	1.1712	.7189	
	1.5943	1.6392	1.6316	1.6577	1.7275	1.6080	2.3865	
13	1.0349	1.1217	1.1216	1.2040	1.1712	1.0723	.5867	
	1.7720	1.6324	1.6876	1.6306	1.6080	1.7451	2.8681	
14	1.1975	1.2001	1.1580	.8139	.7186	.5909		
	1.5907	1.5943	1.6868	2.2027	2.3872	2.8902		
15	.6426	.6610	.6326	.4758	F-SUB-Q			
	2.5614	2.5190	2.7204	3.7335	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4317 * 1.2435 * 1.3092 * 1.2403 * 1.4443 * 1.2189 * 1.4216 *  .7585 *
   * 1.3836 * 1.5373 * 1.4804 * 1.5192 * 1.3589 * 1.5270 * 1.3575 * 2.2008 *
   ************************************************************************
 9 * 1.2435 * 1.4423 * 1.3536 * 1.4560 * 1.3586 * 1.3239 * 1.4244 *  .7898 *
   * 1.5373 * 1.3856 * 1.4209 * 1.3692 * 1.3886 * 1.4021 * 1.3607 * 2.1323 *
   ************************************************************************
10 * 1.3092 * 1.3533 * 1.3460 * 1.3809 * 1.4273 * 1.3227 * 1.3794 *  .7647 *
   * 1.4804 * 1.4211 * 1.4362 * 1.3864 * 1.4226 * 1.4509 * 1.4356 * 2.2823 *
   ************************************************************************
11 * 1.2403 * 1.4561 * 1.3811 * 1.4284 * 1.3654 * 1.4389 *  .9829 *  .5570 *
   * 1.5192 * 1.3692 * 1.3863 * 1.4103 * 1.3966 * 1.3872 * 1.8468 * 3.2347 *
   ************************************************************************
12 * 1.4443 * 1.3588 * 1.4275 * 1.3655 * 1.2846 * 1.4202 *  .8667 *
   * 1.3589 * 1.3883 * 1.4224 * 1.3965 * 1.4578 * 1.3693 * 2.0156 *
   ****************************************************************
13 * 1.2189 * 1.3251 * 1.3231 * 1.4389 * 1.4203 * 1.3173 *  .7064 *
   * 1.5270 * 1.4009 * 1.4503 * 1.3871 * 1.3693 * 1.4605 * 2.4305 *
   ****************************************************************
14 * 1.4216 * 1.4253 * 1.3797 *  .9827 *  .8665 *  .7179 *
   * 1.3575 * 1.3599 * 1.4353 * 1.8471 * 2.0161 * 2.4272 *
   ********************************************************
15 *  .7585 *  .7900 *  .7646 *  .5569 * F-SUB-Q
   * 2.2008 * 2.1330 * 2.2828 * 3.2349 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5907 * 1.3449 * 1.4110 * 1.3394 * 1.5981 * 1.3099 * 1.5814 *  .8051 *
   * 1.2734 * 1.4519 * 1.3939 * 1.4241 * 1.2420 * 1.4371 * 1.2332 * 2.0970 *
   ************************************************************************
 9 * 1.3449 * 1.5978 * 1.4645 * 1.6227 * 1.4755 * 1.4393 * 1.5853 *  .8379 *
   * 1.4519 * 1.2768 * 1.3295 * 1.2438 * 1.2955 * 1.3034 * 1.2353 * 2.0329 *
   ************************************************************************
10 * 1.4110 * 1.4642 * 1.4568 * 1.5014 * 1.5973 * 1.4356 * 1.5341 *  .8086 *
   * 1.3939 * 1.3297 * 1.3444 * 1.2895 * 1.2883 * 1.3524 * 1.3037 * 2.1828 *
   ************************************************************************
11 * 1.3394 * 1.6228 * 1.5015 * 1.6007 * 1.4933 * 1.6093 * 1.0509 *  .5865 *
   * 1.4241 * 1.2437 * 1.2894 * 1.2768 * 1.2968 * 1.2590 * 1.7507 * 3.1064 *
   ************************************************************************
12 * 1.5981 * 1.4758 * 1.5976 * 1.4934 * 1.4056 * 1.5975 *  .9231 *
   * 1.2420 * 1.2952 * 1.2881 * 1.2967 * 1.3596 * 1.2414 * 1.9251 *
   ****************************************************************
13 * 1.3099 * 1.4404 * 1.4360 * 1.6094 * 1.5977 * 1.4772 *  .7521 *
   * 1.4371 * 1.3024 * 1.3519 * 1.2589 * 1.2414 * 1.3283 * 2.3258 *
   ****************************************************************
14 * 1.5814 * 1.5862 * 1.5344 * 1.0507 *  .9229 *  .7675 *
   * 1.2332 * 1.2346 * 1.3035 * 1.7510 * 1.9254 * 2.3132 *
   ********************************************************
15 *  .8051 *  .8381 *  .8084 *  .5864 * F-SUB-Q
   * 2.0970 * 2.0336 * 2.1834 * 3.1066 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6438 * 1.3753 * 1.4381 * 1.3680 * 1.6477 * 1.3331 * 1.6358 *  .8238 *
   * 1.2553 * 1.4457 * 1.3896 * 1.4127 * 1.2197 * 1.4300 * 1.2059 * 2.0752 *
   ************************************************************************
 9 * 1.3753 * 1.6522 * 1.4968 * 1.6843 * 1.5129 * 1.4729 * 1.6401 *  .8569 *
   * 1.4457 * 1.2571 * 1.3156 * 1.2127 * 1.2800 * 1.2885 * 1.2074 * 2.0125 *
   ************************************************************************
10 * 1.4381 * 1.4965 * 1.4893 * 1.5416 * 1.6681 * 1.4701 * 1.5866 *  .8271 *
   * 1.3896 * 1.3158 * 1.3328 * 1.2702 * 1.2503 * 1.3367 * 1.2743 * 2.1594 *
   ************************************************************************
11 * 1.3680 * 1.6844 * 1.5417 * 1.6732 * 1.5379 * 1.6710 * 1.0802 *  .5960 *
   * 1.4128 * 1.2126 * 1.2701 * 1.2401 * 1.2792 * 1.2315 * 1.7293 * 3.0918 *
   ************************************************************************
12 * 1.6477 * 1.5132 * 1.6683 * 1.5381 * 1.4431 * 1.6632 *  .9491 *
   * 1.2197 * 1.2797 * 1.2501 * 1.2791 * 1.3478 * 1.2136 * 1.9055 *
   ****************************************************************
13 * 1.3331 * 1.4739 * 1.4705 * 1.6711 * 1.6633 * 1.5353 *  .7722 *
   * 1.4300 * 1.2875 * 1.3362 * 1.2314 * 1.2135 * 1.3016 * 2.3089 *
   ****************************************************************
14 * 1.6358 * 1.6409 * 1.5868 * 1.0800 *  .9489 *  .7884 *
   * 1.2059 * 1.2068 * 1.2740 * 1.7295 * 1.9056 * 2.2950 *
   ********************************************************
15 *  .8238 *  .8572 *  .8269 *  .5960 * F-SUB-Q
   * 2.0752 * 2.0130 * 2.1600 * 3.0919 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6550 * 1.3783 * 1.4377 * 1.3697 * 1.6559 * 1.3307 * 1.6464 *  .8285 *
   * 1.2650 * 1.4634 * 1.4056 * 1.4310 * 1.2308 * 1.4531 * 1.2139 * 2.0927 *
   ************************************************************************
 9 * 1.3783 * 1.6658 * 1.4994 * 1.6999 * 1.5174 * 1.4751 * 1.6512 *  .8617 *
   * 1.4634 * 1.2659 * 1.3294 * 1.2173 * 1.2929 * 1.3029 * 1.2146 * 2.0293 *
   ************************************************************************
10 * 1.4377 * 1.4990 * 1.4922 * 1.5487 * 1.6893 * 1.4743 * 1.5966 *  .8352 *
   * 1.4056 * 1.3296 * 1.3480 * 1.2795 * 1.2445 * 1.3493 * 1.2809 * 2.1664 *
   ************************************************************************
11 * 1.3697 * 1.7000 * 1.5489 * 1.6958 * 1.5475 * 1.6866 * 1.0906 *  .5966 *
   * 1.4310 * 1.2172 * 1.2794 * 1.2388 * 1.2876 * 1.2365 * 1.7303 * 3.1238 *
   ************************************************************************
12 * 1.6559 * 1.5177 * 1.6895 * 1.5477 * 1.4483 * 1.6806 *  .9583 *
   * 1.2308 * 1.2926 * 1.2444 * 1.2874 * 1.3656 * 1.2231 * 1.9192 *
   ****************************************************************
13 * 1.3307 * 1.4761 * 1.4746 * 1.6867 * 1.6807 * 1.5497 *  .7814 *
   * 1.4531 * 1.3020 * 1.3489 * 1.2364 * 1.2230 * 1.3162 * 2.3302 *
   ****************************************************************
14 * 1.6464 * 1.6520 * 1.5968 * 1.0904 *  .9581 *  .7964 *
   * 1.2139 * 1.2141 * 1.2806 * 1.7304 * 1.9193 * 2.3201 *
   ********************************************************
15 *  .8285 *  .8620 *  .8350 *  .5966 * F-SUB-Q
   * 2.0927 * 2.0299 * 2.1669 * 3.1239 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6682 * 1.3785 * 1.4385 * 1.3696 * 1.6664 * 1.3264 * 1.6607 *  .8223 *
   * 1.2709 * 1.4805 * 1.4126 * 1.4559 * 1.2437 * 1.4830 * 1.2231 * 2.1445 *
   ************************************************************************
 9 * 1.3785 * 1.6841 * 1.5027 * 1.7191 * 1.5210 * 1.4780 * 1.6661 *  .8542 *
   * 1.4805 * 1.2649 * 1.3453 * 1.2220 * 1.3094 * 1.3212 * 1.2228 * 2.0815 *
   ************************************************************************
10 * 1.4385 * 1.5023 * 1.4957 * 1.5549 * 1.7102 * 1.4770 * 1.6101 *  .8247 *
   * 1.4126 * 1.3456 * 1.3597 * 1.2923 * 1.2381 * 1.3632 * 1.2869 * 2.2274 *
   ************************************************************************
11 * 1.3696 * 1.7192 * 1.5550 * 1.7175 * 1.5554 * 1.7039 * 1.0843 *  .5890 *
   * 1.4559 * 1.2220 * 1.2922 * 1.2338 * 1.2926 * 1.2359 * 1.7497 * 3.2011 *
   ************************************************************************
12 * 1.6664 * 1.5213 * 1.7104 * 1.5556 * 1.4523 * 1.6995 *  .9513 *
   * 1.2437 * 1.3091 * 1.2379 * 1.2925 * 1.3833 * 1.2283 * 1.9614 *
   ****************************************************************
13 * 1.3264 * 1.4790 * 1.4773 * 1.7040 * 1.6997 * 1.5655 *  .7744 *
   * 1.4830 * 1.3203 * 1.3628 * 1.2359 * 1.2282 * 1.3237 * 2.3899 *
   ****************************************************************
14 * 1.6607 * 1.6669 * 1.6104 * 1.0842 *  .9512 *  .7898 *
   * 1.2231 * 1.2222 * 1.2867 * 1.7498 * 1.9614 * 2.3779 *
   ********************************************************
15 *  .8223 *  .8545 *  .8246 *  .5890 * F-SUB-Q
   * 2.1445 * 2.0820 * 2.2279 * 3.2011 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6690 * 1.3728 * 1.4320 * 1.3634 * 1.6644 * 1.3167 * 1.6608 *  .8173 *
   * 1.2869 * 1.5065 * 1.4412 * 1.4913 * 1.2703 * 1.5248 * 1.2472 * 2.2016 *
   ************************************************************************
 9 * 1.3728 * 1.6874 * 1.4980 * 1.7230 * 1.5161 * 1.4726 * 1.6666 *  .8478 *
   * 1.5065 * 1.2805 * 1.3670 * 1.2408 * 1.3367 * 1.3514 * 1.2456 * 2.1395 *
   ************************************************************************
10 * 1.4320 * 1.4976 * 1.4907 * 1.5519 * 1.7151 * 1.4718 * 1.6100 *  .8183 *
   * 1.4412 * 1.3673 * 1.3815 * 1.3118 * 1.2532 * 1.3833 * 1.3069 * 2.2851 *
   ************************************************************************
11 * 1.3634 * 1.7231 * 1.5520 * 1.7231 * 1.5532 * 1.7062 * 1.0786 *  .5832 *
   * 1.4913 * 1.2408 * 1.3117 * 1.2467 * 1.3119 * 1.2498 * 1.7842 * 3.2660 *
   ************************************************************************
12 * 1.6644 * 1.5164 * 1.7153 * 1.5534 * 1.4478 * 1.7029 *  .9456 *
   * 1.2703 * 1.3364 * 1.2531 * 1.3117 * 1.4026 * 1.2405 * 1.9940 *
   ****************************************************************
13 * 1.3167 * 1.4735 * 1.4721 * 1.7062 * 1.7031 * 1.5671 *  .7694 *
   * 1.5248 * 1.3505 * 1.3829 * 1.2497 * 1.2403 * 1.3409 * 2.4351 *
   ****************************************************************
14 * 1.6608 * 1.6674 * 1.6102 * 1.0786 *  .9454 *  .7847 *
   * 1.2472 * 1.2451 * 1.3068 * 1.7843 * 1.9940 * 2.4231 *
   ********************************************************
15 *  .8173 *  .8481 *  .8181 *  .5832 * F-SUB-Q
   * 2.2016 * 2.1401 * 2.2856 * 3.2661 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6743 * 1.3693 * 1.4291 * 1.3590 * 1.6669 * 1.3096 * 1.6651 *  .8103 *
   * 1.3189 * 1.5499 * 1.4729 * 1.5316 * 1.2996 * 1.5714 * 1.2741 * 2.2754 *
   ************************************************************************
 9 * 1.3693 * 1.6949 * 1.4962 * 1.7309 * 1.5135 * 1.4705 * 1.6715 *  .8391 *
   * 1.5499 * 1.3056 * 1.3949 * 1.2614 * 1.3679 * 1.3853 * 1.2711 * 2.2142 *
   ************************************************************************
10 * 1.4291 * 1.4958 * 1.4887 * 1.5513 * 1.7232 * 1.4688 * 1.6142 *  .8100 *
   * 1.4729 * 1.3953 * 1.4084 * 1.3373 * 1.2669 * 1.4103 * 1.3289 * 2.3589 *
   ************************************************************************
11 * 1.3590 * 1.7310 * 1.5514 * 1.7316 * 1.5530 * 1.7123 * 1.0709 *  .5752 *
   * 1.5316 * 1.2614 * 1.3372 * 1.2687 * 1.3425 * 1.2735 * 1.8257 * 3.3658 *
   ************************************************************************
12 * 1.6669 * 1.5138 * 1.7234 * 1.5531 * 1.4456 * 1.7101 *  .9371 *
   * 1.2996 * 1.3676 * 1.2668 * 1.3424 * 1.4389 * 1.2633 * 2.0561 *
   ****************************************************************
13 * 1.3096 * 1.4713 * 1.4691 * 1.7124 * 1.7103 * 1.5718 *  .7615 *
   * 1.5714 * 1.3844 * 1.4100 * 1.2734 * 1.2631 * 1.3658 * 2.5125 *
   ****************************************************************
14 * 1.6651 * 1.6723 * 1.6144 * 1.0709 *  .9370 *  .7779 *
   * 1.2741 * 1.2705 * 1.3287 * 1.8257 * 2.0561 * 2.4960 *
   ******************************************************
15 *  .8103 *  .8392 *  .8099 *  .5752 * F-SUB-Q
   * 2.2754 * 2.2154 * 2.3594 * 3.3658 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6530 * 1.3595 * 1.4117 * 1.3446 * 1.6431 * 1.2931 * 1.6408 *  .8106 *
   * 1.3758 * 1.6052 * 1.5268 * 1.5932 * 1.3579 * 1.6396 * 1.3310 * 2.3420 *
   ************************************************************************
 9 * 1.3595 * 1.6751 * 1.4804 * 1.7076 * 1.4956 * 1.4529 * 1.6477 *  .8418 *
   * 1.6052 * 1.3506 * 1.4476 * 1.3135 * 1.4219 * 1.4426 * 1.3265 * 2.2719 *
   ************************************************************************
10 * 1.4117 * 1.4800 * 1.4707 * 1.5353 * 1.7034 * 1.4522 * 1.5905 *  .8172 *
   * 1.5268 * 1.4480 * 1.4626 * 1.3869 * 1.3129 * 1.4634 * 1.3822 * 2.4013 *
   ************************************************************************
11 * 1.3446 * 1.7076 * 1.5354 * 1.7123 * 1.5358 * 1.6891 * 1.0750 *  .5755 *
   * 1.5932 * 1.3135 * 1.3869 * 1.3107 * 1.3866 * 1.3187 * 1.8591 * 3.4444 *
   ************************************************************************
12 * 1.6431 * 1.4959 * 1.7036 * 1.5359 * 1.4277 * 1.6873 *  .9438 *
   * 1.3579 * 1.4216 * 1.3128 * 1.3865 * 1.4991 * 1.3192 * 2.0921 *
   ****************************************************************
13 * 1.2931 * 1.4537 * 1.4524 * 1.6892 * 1.6875 * 1.5503 *  .7674 *
   * 1.6396 * 1.4417 * 1.4631 * 1.3187 * 1.3190 * 1.4274 * 2.5689 *
   ****************************************************************
14 * 1.6408 * 1.6484 * 1.5907 * 1.0750 *  .9437 *  .7817 *
   * 1.3310 * 1.3259 * 1.3820 * 1.8591 * 2.0921 * 2.5591 *
   ******************************************************
15 *  .8106 *  .8421 *  .8171 *  .5755 * F-SUB-Q
   * 2.3420 * 2.2725 * 2.4016 * 3.4444 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6750 * 1.3606 * 1.4192 * 1.3483 * 1.6620 * 1.2941 * 1.6628 *  .8026 *
   * 1.4000 * 1.6532 * 1.5684 * 1.6448 * 1.3907 * 1.6972 * 1.3593 * 2.4475 *
   ************************************************************************
 9 * 1.3606 * 1.6994 * 1.4891 * 1.7334 * 1.5045 * 1.4621 * 1.6703 *  .8309 *
   * 1.6532 * 1.3740 * 1.4884 * 1.3373 * 1.4610 * 1.4831 * 1.3535 * 2.3809 *
   ************************************************************************
10 * 1.4192 * 1.4886 * 1.4798 * 1.5451 * 1.7279 * 1.4595 * 1.6120 *  .8016 *
   * 1.5684 * 1.4888 * 1.5023 * 1.4247 * 1.3366 * 1.5026 * 1.4065 * 2.5275 *
   ************************************************************************
11 * 1.3483 * 1.7335 * 1.5452 * 1.7371 * 1.5470 * 1.7123 * 1.0639 *  .5665 *
   * 1.6448 * 1.3373 * 1.4246 * 1.3327 * 1.4191 * 1.3400 * 1.9367 * 3.6017 *
   ************************************************************************
12 * 1.6620 * 1.5048 * 1.7281 * 1.5472 * 1.4362 * 1.7120 *  .9299 *
   * 1.3907 * 1.4606 * 1.3365 * 1.4190 * 1.5319 * 1.3346 * 2.1813 *
   ****************************************************************
13 * 1.2941 * 1.4629 * 1.4597 * 1.7123 * 1.7121 * 1.5714 *  .7550 *
   * 1.6972 * 1.4822 * 1.5023 * 1.3400 * 1.3345 * 1.4464 * 2.6750 *
   ****************************************************************
14 * 1.6628 * 1.6710 * 1.6122 * 1.0638 *  .9298 *  .7709 *
   * 1.3593 * 1.3529 * 1.4064 * 1.9366 * 2.1813 * 2.6588 *
   ******************************************************
15 *  .8026 *  .8312 *  .8016 *  .5665 * F-SUB-Q
   * 2.4475 * 2.3815 * 2.5280 * 3.6017 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6798 * 1.3599 * 1.4179 * 1.3464 * 1.6638 * 1.2898 * 1.6654 *  .8016 *
   * 1.4445 * 1.6996 * 1.6092 * 1.6906 * 1.4346 * 1.7618 * 1.4114 * 2.5476 *
   ************************************************************************
 9 * 1.3599 * 1.7044 * 1.4891 * 1.7385 * 1.5036 * 1.4615 * 1.6735 *  .8292 *
   * 1.6996 * 1.4139 * 1.5281 * 1.3800 * 1.5108 * 1.5427 * 1.4043 * 2.4797 *
   ************************************************************************
10 * 1.4179 * 1.4886 * 1.4787 * 1.5458 * 1.7333 * 1.4583 * 1.6146 *  .8000 *
   * 1.6092 * 1.5285 * 1.5488 * 1.4717 * 1.3839 * 1.5604 * 1.4567 * 2.6284 *
   ************************************************************************
11 * 1.3464 * 1.7386 * 1.5458 * 1.7429 * 1.5476 * 1.7162 * 1.0633 *  .5645 *
   * 1.6906 * 1.3799 * 1.4717 * 1.3796 * 1.4730 * 1.3873 * 2.0091 * 3.7412 *
   ************************************************************************
12 * 1.6638 * 1.5039 * 1.7335 * 1.5477 * 1.4350 * 1.7166 *  .9289 *
   * 1.4346 * 1.5105 * 1.3838 * 1.4728 * 1.5889 * 1.3787 * 2.2617 *
   ****************************************************************
13 * 1.2898 * 1.4622 * 1.4585 * 1.7162 * 1.7167 * 1.5746 *  .7547 *
   * 1.7618 * 1.5418 * 1.5601 * 1.3873 * 1.3786 * 1.4934 * 2.7673 *
   ****************************************************************
14 * 1.6654 * 1.6741 * 1.6147 * 1.0633 *  .9287 *  .7695 *
   * 1.4114 * 1.4037 * 1.4566 * 2.0090 * 2.2617 * 2.7540 *
   ******************************************************
15 *  .8016 *  .8295 *  .7999 *  .5645 * F-SUB-Q
   * 2.5476 * 2.4804 * 2.6289 * 3.7411 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.6694	1.3610	1.4093	1.3396	1.6509	1.2814	1.6525	.8047
	1.4176	1.6571	1.5787	1.6549	1.4079	1.7260	1.4026	2.4984
9	1.3610	1.6951	1.4817	1.7265	1.4945	1.4527	1.6612	.8340
	1.6571	1.3869	1.4968	1.3546	1.4811	1.5222	1.3971	2.4277
10	1.4093	1.4812	1.4693	1.5387	1.7240	1.4499	1.6020	.8097
	1.5787	1.4972	1.5196	1.4412	1.3619	1.5354	1.4538	2.5646
11	1.3396	1.7265	1.5388	1.7339	1.5393	1.7043	1.0705	.5660
	1.6549	1.3545	1.4411	1.3598	1.4528	1.3840	1.9663	3.6945
12	1.6509	1.4948	1.7242	1.5394	1.4257	1.7052	.9372	
	1.4079	1.4808	1.3618	1.4527	1.5890	1.3946	2.2327	
13	1.2814	1.4534	1.4501	1.7043	1.7054	1.5637	.7617	
	1.7260	1.5213	1.5351	1.3840	1.3944	1.5215	2.7596	
14	1.6525	1.6619	1.6021	1.0705	.9371	.7756		
	1.4026	1.3966	1.4537	1.9663	2.2327	2.7504		
15	.8047	.8343	.8096	.5660	F-SUB-Q			
	2.4984	2.4284	2.5648	3.6945	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6973	1.3637	1.4212	1.3483	1.6756	1.2865	1.6809	.8000
	1.3640	1.6166	1.5316	1.6094	1.3577	1.6826	1.3493	2.4597
9	1.3637	1.7251	1.4957	1.7581	1.5090	1.4675	1.6903	.8268
	1.6166	1.3333	1.4512	1.3015	1.4352	1.4746	1.3434	2.3971
10	1.4212	1.4951	1.4835	1.5540	1.7547	1.4628	1.6297	.7974
	1.5316	1.4517	1.4724	1.3960	1.3084	1.4883	1.3974	2.5474
11	1.3483	1.7581	1.5540	1.7647	1.5563	1.7335	1.0637	.5591
	1.6094	1.3015	1.3960	1.3059	1.4042	1.3289	1.9336	3.6554
12	1.6756	1.5093	1.7548	1.5564	1.4394	1.7361	.9272	
	1.3577	1.4350	1.3083	1.4041	1.5368	1.3376	2.2022	
13	1.2865	1.4682	1.4630	1.7335	1.7363	1.5912	.7529	
	1.6826	1.4738	1.4881	1.3289	1.3375	1.4598	2.7224	
14	1.6809	1.6909	1.6298	1.0638	.9271	.7680		
	1.3493	1.3429	1.3973	1.9335	2.2022	2.7088		
15	.8000	.8271	.7974	.5591	F-SUB-Q			
	2.4597	2.3978	2.5478	3.6554	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7140 * 1.3706 * 1.4282 * 1.3546 * 1.6896 * 1.2897 * 1.6970 *  .8016 *
   * 1.3184 * 1.5659 * 1.4812 * 1.5562 * 1.3092 * 1.6288 * 1.2993 * 2.3763 *
   ************************************************************************
 9 * 1.3706 * 1.7426 * 1.5048 * 1.7764 * 1.5182 * 1.4768 * 1.7070 *  .8261 *
   * 1.5659 * 1.2857 * 1.4024 * 1.2543 * 1.3874 * 1.4238 * 1.2934 * 2.3225 *
   ************************************************************************
10 * 1.4282 * 1.5042 * 1.4918 * 1.5644 * 1.7732 * 1.4709 * 1.6452 *  .7975 *
   * 1.4812 * 1.4029 * 1.4238 * 1.3496 * 1.2614 * 1.4392 * 1.3455 * 2.4649 *
   ************************************************************************
11 * 1.3546 * 1.7764 * 1.5644 * 1.7834 * 1.5674 * 1.7506 * 1.0658 *  .5571 *
   * 1.5562 * 1.2543 * 1.3496 * 1.2597 * 1.3579 * 1.2820 * 1.8726 * 3.5422 *
   ************************************************************************
12 * 1.6896 * 1.5185 * 1.7733 * 1.5675 * 1.4476 * 1.7544 *  .9271 *
   * 1.3092 * 1.3871 * 1.2613 * 1.3578 * 1.4898 * 1.2910 * 2.1366 *
   ****************************************************************
13 * 1.2897 * 1.4774 * 1.4710 * 1.7505 * 1.7545 * 1.6075 *  .7528 *
   * 1.6288 * 1.4231 * 1.4390 * 1.2820 * 1.2909 * 1.4078 * 2.6394 *
   ****************************************************************
14 * 1.6970 * 1.7077 * 1.6453 * 1.0659 *  .9270 *  .7685 *
   * 1.2993 * 1.2930 * 1.3455 * 1.8725 * 2.1367 * 2.6242 *
   ******************************************************
15 *  .8016 *  .8263 *  .7974 *  .5571 * F-SUB-Q
   * 2.3763 * 2.3235 * 2.4653 * 3.5422 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7259 * 1.3770 * 1.4343 * 1.3603 * 1.6996 * 1.2936 * 1.7078 *  .8056 *
   * 1.2708 * 1.5132 * 1.4323 * 1.5050 * 1.2635 * 1.5770 * 1.2527 * 2.2954 *
   ************************************************************************
 9 * 1.3770 * 1.7556 * 1.5130 * 1.7889 * 1.5253 * 1.4845 * 1.7185 *  .8320 *
   * 1.5132 * 1.2388 * 1.3546 * 1.2090 * 1.3406 * 1.3746 * 1.2464 * 2.2385 *
   ************************************************************************
10 * 1.4343 * 1.5123 * 1.4986 * 1.5732 * 1.7868 * 1.4778 * 1.6557 *  .8025 *
   * 1.4323 * 1.3551 * 1.3761 * 1.3026 * 1.2143 * 1.3899 * 1.2966 * 2.3768 *
   ************************************************************************
11 * 1.3603 * 1.7889 * 1.5733 * 1.7973 * 1.5757 * 1.7625 * 1.0739 *  .5596 *
   * 1.5050 * 1.2090 * 1.3026 * 1.2123 * 1.3099 * 1.2339 * 1.8021 * 3.4208 *
   ************************************************************************
12 * 1.6996 * 1.5256 * 1.7869 * 1.5758 * 1.4542 * 1.7672 *  .9346 *
   * 1.2635 * 1.3403 * 1.2142 * 1.3099 * 1.4376 * 1.2408 * 2.0531 *
   ****************************************************************
13 * 1.2936 * 1.4851 * 1.4779 * 1.7625 * 1.7673 * 1.6185 *  .7593 *
   * 1.5770 * 1.3739 * 1.3897 * 1.2339 * 1.2407 * 1.3528 * 2.5326 *
   ****************************************************************
14 * 1.7078 * 1.7191 * 1.6557 * 1.0739 *  .9345 *  .7735 *
   * 1.2527 * 1.2460 * 1.2966 * 1.8020 * 2.0531 * 2.5232 *
   ******************************************************
15 *  .8056 *  .8323 *  .8024 *  .5595 * F-SUB-Q
   * 2.2954 * 2.2391 * 2.3772 * 3.4208 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7292 * 1.3931 * 1.4378 * 1.3651 * 1.7018 * 1.2997 * 1.7093 *  .8157 *
   * 1.3340 * 1.5757 * 1.5057 * 1.5806 * 1.3295 * 1.6544 * 1.3177 * 2.3880 *
   ************************************************************************
 9 * 1.3931 * 1.7579 * 1.5179 * 1.7909 * 1.5290 * 1.4889 * 1.7205 *  .8438 *
   * 1.5757 * 1.3024 * 1.4227 * 1.2719 * 1.4089 * 1.4433 * 1.3104 * 2.3248 *
   ************************************************************************
10 * 1.4378 * 1.5173 * 1.5013 * 1.5790 * 1.7905 * 1.4819 * 1.6569 *  .8191 *
   * 1.5057 * 1.4232 * 1.4470 * 1.3669 * 1.2753 * 1.4592 * 1.3632 * 2.4517 *
   ************************************************************************
11 * 1.3651 * 1.7910 * 1.5790 * 1.8010 * 1.5800 * 1.7653 * 1.0898 *  .5665 *
   * 1.5806 * 1.2719 * 1.3669 * 1.2727 * 1.3742 * 1.2949 * 1.8681 * 3.5561 *
   ************************************************************************
12 * 1.7018 * 1.5293 * 1.7906 * 1.5801 * 1.4573 * 1.7703 *  .9504 *
   * 1.3295 * 1.4086 * 1.2753 * 1.3741 * 1.5071 * 1.2998 * 2.1213 *
   ****************************************************************
13 * 1.2997 * 1.4895 * 1.4820 * 1.7653 * 1.7704 * 1.6209 *  .7724 *
   * 1.6544 * 1.4426 * 1.4590 * 1.2949 * 1.2997 * 1.4165 * 2.6132 *
   ****************************************************************
14 * 1.7093 * 1.7211 * 1.6569 * 1.0898 *  .9503 *  .7860 *
   * 1.3177 * 1.3100 * 1.3632 * 1.8680 * 2.1213 * 2.6063 *
   ********************************************************
15 *  .8157 *  .8440 *  .8191 *  .5665 * F-SUB-Q
   * 2.3880 * 2.3255 * 2.4519 * 3.5561 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7707 * 1.4007 * 1.4597 * 1.3837 * 1.7417 * 1.3128 * 1.7534 *  .8154 *
   * 1.2651 * 1.5236 * 1.4462 * 1.5226 * 1.2685 * 1.6010 * 1.2568 * 2.3394 *
   ************************************************************************
 9 * 1.4007 * 1.8006 * 1.5432 * 1.8375 * 1.5553 * 1.5161 * 1.7653 *  .8404 *
   * 1.5236 * 1.2392 * 1.3654 * 1.2096 * 1.3522 * 1.3862 * 1.2493 * 2.2857 *
   ************************************************************************
10 * 1.4597 * 1.5425 * 1.5264 * 1.6058 * 1.8350 * 1.5064 * 1.6994 *  .8107 *
   * 1.4462 * 1.3659 * 1.3888 * 1.3116 * 1.2143 * 1.4022 * 1.2998 * 2.4246 *
   ************************************************************************
11 * 1.3837 * 1.8375 * 1.6058 * 1.8453 * 1.6087 * 1.8101 * 1.0889 *  .5619 *
   * 1.5226 * 1.2096 * 1.3116 * 1.2114 * 1.3166 * 1.2325 * 1.8276 * 3.5073 *
   ************************************************************************
12 * 1.7417 * 1.5556 * 1.8351 * 1.6088 * 1.4821 * 1.8170 *  .9449 *
   * 1.2685 * 1.3519 * 1.2143 * 1.3165 * 1.4428 * 1.2344 * 2.0836 *
   ****************************************************************
13 * 1.3128 * 1.5167 * 1.5065 * 1.8100 * 1.8171 * 1.6629 *  .7665 *
   * 1.6010 * 1.3856 * 1.4020 * 1.2326 * 1.2344 * 1.3454 * 2.5688 *
   ****************************************************************
14 * 1.7534 * 1.7659 * 1.6994 * 1.0890 *  .9447 *  .7821 *
   * 1.2568 * 1.2489 * 1.2998 * 1.8274 * 2.0837 * 2.5548 *
   ********************************************************
15 *  .8154 *  .8405 *  .8107 *  .5619 * F-SUB-Q
   * 2.3394 * 2.2867 * 2.4250 * 3.5072 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7875	1.4104	1.4708	1.3936	1.7590	1.3222	1.7722	.8200
	1.2054	1.4594	1.3882	1.4636	1.2156	1.5393	1.2032	2.2544
9	1.4104	1.8167	1.5564	1.8558	1.5681	1.5307	1.7849	.8452
	1.4594	1.1867	1.3101	1.1585	1.2979	1.3288	1.1954	2.2023
10	1.4708	1.5557	1.5380	1.6195	1.8526	1.5191	1.7175	.8153
	1.3882	1.3106	1.3337	1.2581	1.1626	1.3449	1.2437	2.3368
11	1.3936	1.8558	1.6195	1.8625	1.6219	1.8293	1.0967	.5638
	1.4636	1.1585	1.2581	1.1594	1.2616	1.1773	1.7542	3.3925
12	1.7590	1.5684	1.8527	1.6220	1.4940	1.8373	.9509	
	1.2156	1.2977	1.1626	1.2615	1.3779	1.1761	2.0006	
13	1.3222	1.5313	1.5192	1.8292	1.8375	1.6810	.7710	
	1.5393	1.3282	1.3448	1.1773	1.1760	1.2832	2.4692	
14	1.7722	1.7855	1.7175	1.0968	.9507	.7867		
	1.2032	1.1950	1.2437	1.7541	2.0006	2.4560		
15	.8200	.8454	.8152	.5638	F-SUB-Q			
	2.2544	2.2032	2.3372	3.3925	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.7663	1.4166	1.4636	1.3873	1.7403	1.3231	1.7519	.8259
	1.1831	1.4113	1.3566	1.4308	1.1951	1.4971	1.1835	2.1786
9	1.4166	1.7923	1.5489	1.8302	1.5585	1.5237	1.7653	.8555
	1.4113	1.1683	1.2804	1.1420	1.2703	1.2983	1.1750	2.1179
10	1.4636	1.5483	1.5280	1.6107	1.8281	1.5120	1.6975	.8300
	1.3566	1.2809	1.3058	1.2301	1.1447	1.3137	1.2229	2.2335
11	1.3873	1.8303	1.6108	1.8374	1.6101	1.8085	1.1094	.5701
	1.4308	1.1420	1.2301	1.1413	1.2343	1.1556	1.6853	3.2643
12	1.7403	1.5588	1.8282	1.6102	1.4841	1.8162	.9659	
	1.1951	1.2701	1.1446	1.2342	1.3456	1.1527	1.9119	
13	1.3231	1.5244	1.5122	1.8085	1.8163	1.6616	.7828	
	1.4971	1.2977	1.3135	1.1556	1.1526	1.2573	2.3591	
14	1.7519	1.7659	1.6975	1.1094	.9658	.7966		
	1.1835	1.1746	1.2229	1.6853	1.9119	2.3528		
15	.8259	.8556	.8300	.5701	F-SUB-Q			
	2.1786	2.1188	2.2337	3.2644	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7564 * 1.3925 * 1.4589 * 1.3753 * 1.7322 * 1.3111 * 1.7445 *  .8068 *
   * 1.1610 * 1.4015 * 1.3301 * 1.4112 * 1.1734 * 1.4776 * 1.1608 * 2.1810 *
   ************************************************************************
 9 * 1.3925 * 1.7761 * 1.5418 * 1.8184 * 1.5501 * 1.5187 * 1.7585 *  .8338 *
   * 1.4015 * 1.1512 * 1.2573 * 1.1229 * 1.2483 * 1.2728 * 1.1519 * 2.1249 *
   ************************************************************************
10 * 1.4589 * 1.5411 * 1.5217 * 1.6003 * 1.8096 * 1.5047 * 1.6912 *  .8041 *
   * 1.3301 * 1.2578 * 1.2815 * 1.2100 * 1.1291 * 1.2898 * 1.1986 * 2.2543 *
   ************************************************************************
11 * 1.3753 * 1.8184 * 1.6003 * 1.8179 * 1.5989 * 1.7990 * 1.0836 *  .5555 *
   * 1.4112 * 1.1228 * 1.2100 * 1.1261 * 1.2136 * 1.1334 * 1.6853 * 3.2761 *
   ************************************************************************
12 * 1.7322 * 1.5504 * 1.8097 * 1.5990 * 1.4747 * 1.8060 *  .9391 *
   * 1.1734 * 1.2481 * 1.1290 * 1.2135 * 1.3212 * 1.1297 * 1.9193 *
   ***************************************************************
13 * 1.3111 * 1.5194 * 1.5049 * 1.7990 * 1.8062 * 1.6522 *  .7601 *
   * 1.4776 * 1.2722 * 1.2896 * 1.1334 * 1.1296 * 1.2320 * 2.3701 *
   ***************************************************************
14 * 1.7445 * 1.7592 * 1.6913 * 1.0836 *  .9390 *  .7748 *
   * 1.1608 * 1.1515 * 1.1985 * 1.6852 * 1.9194 * 2.3599 *
   ******************************************************
15 *  .8068 *  .8341 *  .8040 *  .5555 * F-SUB-Q
   * 2.1810 * 2.1254 * 2.2547 * 3.2761 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6431 * 1.3210 * 1.3897 * 1.3017 * 1.6208 * 1.2457 * 1.6277 *  .7613 *
   * 1.2170 * 1.4496 * 1.3707 * 1.4638 * 1.2309 * 1.5271 * 1.2202 * 2.2699 *
   ************************************************************************
 9 * 1.3210 * 1.6560 * 1.4647 * 1.6959 * 1.4658 * 1.4389 * 1.6416 *  .7861 *
   * 1.4496 * 1.2108 * 1.2991 * 1.1810 * 1.2957 * 1.3185 * 1.2102 * 2.2132 *
   ************************************************************************
10 * 1.3897 * 1.4640 * 1.4437 * 1.5165 * 1.6807 * 1.4283 * 1.5801 *  .7582 *
   * 1.3707 * 1.2996 * 1.3258 * 1.2532 * 1.1920 * 1.3331 * 1.2579 * 2.3476 *
   ************************************************************************
11 * 1.3017 * 1.6960 * 1.5165 * 1.6876 * 1.5089 * 1.6781 * 1.0211 *  .5247 *
   * 1.4638 * 1.1809 * 1.2531 * 1.1892 * 1.2611 * 1.1911 * 1.7546 * 3.4077 *
   ************************************************************************
12 * 1.6208 * 1.4661 * 1.6808 * 1.5090 * 1.3922 * 1.6797 *  .8851 *
   * 1.2309 * 1.2954 * 1.1919 * 1.2610 * 1.3724 * 1.1897 * 1.9974 *
   ***************************************************************
13 * 1.2457 * 1.4397 * 1.4284 * 1.6780 * 1.6799 * 1.5379 *  .7150 *
   * 1.5271 * 1.3177 * 1.3329 * 1.1911 * 1.1895 * 1.2959 * 2.4711 *
   ***************************************************************
14 * 1.6277 * 1.6423 * 1.5802 * 1.0210 *  .8850 *  .7296 *
   * 1.2202 * 1.2097 * 1.2578 * 1.7546 * 1.9974 * 2.4577 *
   ******************************************************
15 *  .7613 *  .7864 *  .7581 *  .5247 * F-SUB-Q
   * 2.2699 * 2.2137 * 2.3480 * 3.4076 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3592	1.1188	1.1783	1.0995	1.3365	1.0536	1.3445	.6392
	1.4477	1.6848	1.5920	1.7070	1.4690	1.7781	1.4535	2.6648
9	1.1188	1.4106	1.2389	1.4203	1.2090	1.2071	1.3541	.6569
	1.6848	1.3976	1.5124	1.3871	1.5463	1.5477	1.4438	2.6099
10	1.1783	1.2384	1.1944	1.2782	1.4077	1.2036	1.3012	.6317
	1.5920	1.5129	1.5777	1.4628	1.3992	1.5569	1.5029	2.7771
11	1.0995	1.4203	1.2783	1.4141	1.2412	1.3814	.8506	.4459
	1.7070	1.3871	1.4627	1.3952	1.5084	1.4225	2.0747	3.9563
12	1.3365	1.2092	1.4078	1.2413	1.1407	1.3795	.7426	
	1.4690	1.5460	1.3991	1.5083	1.6485	1.4244	2.3439	
13	1.0536	1.2079	1.2037	1.3814	1.3797	1.2535	.5961	
	1.7781	1.5465	1.5566	1.4226	1.4242	1.5632	2.9195	
14	1.3445	1.3547	1.3013	.8506	.7426	.6078		
	1.4535	1.4432	1.5028	2.0746	2.3438	2.9055		
15	.6392	.6571	.6316	.4459	F-SUB-Q			
	2.6648	2.6107	2.7777	3.9563	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.6282	.5395	.5294	.5279	.6150	.5059	.5577	.2970
	3.0911	3.4494	3.4947	3.5086	3.1522	3.6568	3.4587	5.6717
9	.5395	.6215	.5517	.6368	.5378	.5274	.5605	.3006
	3.4494	3.1279	3.3482	3.0514	3.4266	3.4940	3.4422	5.6399
10	.5294	.5516	.5244	.5689	.6386	.5346	.5362	.2862
	3.4947	3.3492	3.5435	3.2392	3.0436	3.4562	3.6006	6.0641
11	.5279	.6368	.5689	.6380	.5411	.5966	.3973	.2101
	3.5086	3.0512	3.2391	3.0490	3.4099	3.2502	4.3868	8.3151
12	.6150	.5380	.6387	.5412	.5042	.5693	.3387	
	3.1522	3.4258	3.0435	3.4096	3.6763	3.4042	5.0788	
13	.5059	.5278	.5347	.5966	.5694	.5066	.2689	
	3.6568	3.4907	3.4554	3.2502	3.4036	3.8186	6.4016	
14	.5577	.5608	.5363	.3973	.3388	.2730		
	3.4587	3.4405	3.6002	4.3868	5.0775	6.3993		
15	.2970	.3007	.2862	.2101	F-SUB-Q			
	5.6717	5.6421	6.0646	8.3145	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.6161	.6260	.6344	.6353	.7190	.6238	.6495	.3847
	2.5579	2.8051	2.8966	2.8129	2.6606	2.8361	2.9019	4.0393
9	.6260	.7075	.6555	.7266	.6394	.6295	.6496	.3853
	2.8051	2.7720	2.7752	2.6776	2.7974	2.8086	2.9147	4.0861
10	.6344	.6554	.6284	.6633	.7249	.6338	.6289	.3677
	2.8966	2.7756	2.9075	2.7283	2.7164	2.8674	3.0737	4.4876
11	.6353	.7266	.6633	.7204	.6239	.6743	.4800	.3007
	2.8129	2.6774	2.7281	2.7663	2.8991	2.9011	3.6215	5.7708
12	.7190	.6396	.7250	.6240	.5323	.6106	.4156	
	2.6606	2.7968	2.7160	2.8990	2.9089	2.9459	3.9336	
13	.6238	.6301	.6340	.6743	.6106	.5580	.3327	
	2.8361	2.8056	2.8665	2.9012	2.9462	3.2032	4.8284	
14	.6495	.6500	.6290	.4799	.4153	.3383		
	2.9019	2.9129	3.0732	3.6197	3.9352	4.8817		
15	.3847	.3853	.3676	.3006	F-SUB-Q			
	4.0393	4.0882	4.4874	5.7712	M-SUB-Q			

AT 100% POWER, 460 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2284	1.1157	1.1912	1.1254	1.2848	1.1051	1.2837	.7146
	1.5242	1.6352	1.5833	1.6333	1.5290	1.6459	1.5093	2.2370
9	1.1157	1.3230	1.2305	1.3317	1.2102	1.2000	1.2858	.7337
	1.6352	1.5109	1.5191	1.4994	1.5204	1.5106	1.5132	2.2067
10	1.1912	1.2303	1.2001	1.2533	1.3249	1.2043	1.2498	.7057
	1.5833	1.5193	1.5657	1.4834	1.5280	1.5523	1.5876	2.4034
11	1.1254	1.3318	1.2534	1.3166	1.2154	1.2923	.8872	.5482
	1.6333	1.4993	1.4833	1.5313	1.5218	1.5439	1.9849	3.2525
12	1.2848	1.2104	1.3250	1.2155	1.1005	1.2622	.7958	
	1.5290	1.5201	1.5278	1.5217	1.5796	1.5127	2.0975	
13	1.1051	1.2009	1.2046	1.2923	1.2622	1.1663	.6586	
	1.6459	1.5094	1.5519	1.5439	1.5128	1.6280	2.4972	
14	1.2837	1.2865	1.2499	.8869	.7954	.6633		
	1.5093	1.5125	1.5874	1.9840	2.0982	2.5499		
15	.7146	.7339	.7055	.5481	F-SUB-Q			
	2.2370	2.2076	2.4036	3.2528	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4766 * 1.2827 * 1.3453 * 1.2754 * 1.4840 * 1.2515 * 1.4866 *  .8203 *
   * 1.3584 * 1.4724 * 1.4212 * 1.4623 * 1.3418 * 1.4742 * 1.3201 * 1.9758 *
   ************************************************************************
 9 * 1.2827 * 1.5020 * 1.3902 * 1.5217 * 1.3986 * 1.3664 * 1.4882 *  .8531 *
   * 1.4724 * 1.3537 * 1.3643 * 1.3297 * 1.3345 * 1.3442 * 1.3239 * 1.9202 *
   ************************************************************************
10 * 1.3453 * 1.3900 * 1.3817 * 1.4244 * 1.5120 * 1.3700 * 1.4468 *  .8295 *
   * 1.4212 * 1.3645 * 1.3818 * 1.3235 * 1.3638 * 1.3843 * 1.3896 * 2.0733 *
   ************************************************************************
11 * 1.2754 * 1.5218 * 1.4245 * 1.5143 * 1.4176 * 1.5080 * 1.0426 *  .6218 *
   * 1.4623 * 1.3296 * 1.3234 * 1.3489 * 1.3270 * 1.3440 * 1.7078 * 2.9093 *
   ************************************************************************
12 * 1.4840 * 1.3988 * 1.5122 * 1.4176 * 1.3316 * 1.4947 *  .9363 *
   * 1.3418 * 1.3343 * 1.3637 * 1.3269 * 1.3899 * 1.3213 * 1.8147 *
   ****************************************************************
13 * 1.2515 * 1.3672 * 1.3703 * 1.5081 * 1.4947 * 1.3819 *  .7692 *
   * 1.4742 * 1.3433 * 1.3839 * 1.3440 * 1.3213 * 1.4146 * 2.1818 *
   ****************************************************************
14 * 1.4866 * 1.4888 * 1.4470 * 1.0423 *  .9360 *  .7816 *
   * 1.3201 * 1.3233 * 1.3894 * 1.7071 * 1.8151 * 2.2084 *
   ********************************************************
15 *  .8203 *  .8534 *  .8293 *  .6217 * F-SUB-Q
   * 1.9758 * 1.9208 * 2.0734 * 2.9096 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5967 * 1.3548 * 1.4158 * 1.3423 * 1.5941 * 1.3124 * 1.6080 *  .8524 *
   * 1.2838 * 1.4213 * 1.3682 * 1.4043 * 1.2614 * 1.4198 * 1.2313 * 1.9204 *
   ************************************************************************
 9 * 1.3548 * 1.6271 * 1.4657 * 1.6483 * 1.4800 * 1.4471 * 1.6103 *  .8834 *
   * 1.4213 * 1.2754 * 1.3081 * 1.2407 * 1.2738 * 1.2806 * 1.2344 * 1.8728 *
   ************************************************************************
10 * 1.4158 * 1.4654 * 1.4584 * 1.5088 * 1.6424 * 1.4490 * 1.5656 *  .8563 *
   * 1.3682 * 1.3082 * 1.3247 * 1.2621 * 1.2657 * 1.3224 * 1.2959 * 2.0284 *
   ************************************************************************
11 * 1.3423 * 1.6483 * 1.5089 * 1.6469 * 1.5107 * 1.6368 * 1.0881 *  .6400 *
   * 1.4043 * 1.2406 * 1.2621 * 1.2564 * 1.2625 * 1.2551 * 1.6560 * 2.8556 *
   ************************************************************************
12 * 1.5941 * 1.4801 * 1.6425 * 1.5108 * 1.4209 * 1.6332 *  .9723 *
   * 1.2614 * 1.2736 * 1.2656 * 1.2624 * 1.3279 * 1.2324 * 1.7754 *
   ****************************************************************
13 * 1.3124 * 1.4478 * 1.4492 * 1.6368 * 1.6333 * 1.5075 *  .7980 *
   * 1.4198 * 1.2799 * 1.3221 * 1.2551 * 1.2324 * 1.3219 * 2.1411 *
   ****************************************************************
14 * 1.6080 * 1.6109 * 1.5657 * 1.0878 *  .9720 *  .8137 *
   * 1.2313 * 1.2340 * 1.2958 * 1.6552 * 1.7756 * 2.1593 *
   ********************************************************
15 *  .8524 *  .8835 *  .8561 *  .6399 * F-SUB-Q
   * 1.9204 * 1.8736 * 2.0285 * 2.8557 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6187 * 1.3620 * 1.4182 * 1.3474 * 1.6099 * 1.3123 * 1.6294 *  .8571 *
   * 1.2876 * 1.4371 * 1.3847 * 1.4145 * 1.2622 * 1.4348 * 1.2264 * 1.9298 *
   ************************************************************************
 9 * 1.3620 * 1.6559 * 1.4707 * 1.6760 * 1.4866 * 1.4550 * 1.6330 *  .8894 *
   * 1.4371 * 1.2705 * 1.3164 * 1.2341 * 1.2813 * 1.2856 * 1.2285 * 1.8792 *
   ************************************************************************
10 * 1.4182 * 1.4704 * 1.4640 * 1.5194 * 1.6758 * 1.4557 * 1.5866 *  .8617 *
   * 1.3847 * 1.3166 * 1.3347 * 1.2658 * 1.2544 * 1.3297 * 1.2903 * 2.0359 *
   ************************************************************************
11 * 1.3474 * 1.6761 * 1.5194 * 1.6800 * 1.5248 * 1.6626 * 1.0987 *  .6398 *
   * 1.4145 * 1.2341 * 1.2657 * 1.2480 * 1.2682 * 1.2527 * 1.6616 * 2.8849 *
   ************************************************************************
12 * 1.6099 * 1.4868 * 1.6759 * 1.5249 * 1.4308 * 1.6633 *  .9804 *
   * 1.2622 * 1.2811 * 1.2543 * 1.2681 * 1.3394 * 1.2294 * 1.7886 *
   ****************************************************************
13 * 1.3123 * 1.4555 * 1.4559 * 1.6626 * 1.6634 * 1.5342 *  .8064 *
   * 1.4348 * 1.2850 * 1.3294 * 1.2527 * 1.2294 * 1.3206 * 2.1558 *
   ****************************************************************
14 * 1.6294 * 1.6335 * 1.5867 * 1.0984 *  .9801 *  .8220 *
   * 1.2264 * 1.2281 * 1.2902 * 1.6608 * 1.7887 * 2.1747 *
   ********************************************************
15 *  .8571 *  .8897 *  .8615 *  .6397 * F-SUB-Q
   * 1.9298 * 1.8798 * 2.0361 * 2.8851 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6080 * 1.3497 * 1.4002 * 1.3324 * 1.5950 * 1.2939 * 1.6173 *  .8516 *
   * 1.3102 * 1.4655 * 1.4130 * 1.4474 * 1.2890 * 1.4725 * 1.2488 * 1.9648 *
   ************************************************************************
 9 * 1.3497 * 1.6493 * 1.4542 * 1.6666 * 1.4702 * 1.4397 * 1.6215 *  .8838 *
   * 1.4655 * 1.2875 * 1.3450 * 1.2544 * 1.3098 * 1.3133 * 1.2500 * 1.9128 *
   ************************************************************************
10 * 1.4002 * 1.4539 * 1.4470 * 1.5044 * 1.6697 * 1.4402 * 1.5749 *  .8614 *
   * 1.4130 * 1.3452 * 1.3639 * 1.2909 * 1.2698 * 1.3578 * 1.3120 * 2.0585 *
   ************************************************************************
11 * 1.3324 * 1.6666 * 1.5044 * 1.6745 * 1.5106 * 1.6523 * 1.0953 *  .6327 *
   * 1.4474 * 1.2544 * 1.2909 * 1.2636 * 1.2923 * 1.2735 * 1.6786 * 2.9445 *
   ************************************************************************
12 * 1.5950 * 1.4704 * 1.6698 * 1.5107 * 1.4153 * 1.6550 *  .9780 *
   * 1.2890 * 1.3096 * 1.2697 * 1.2922 * 1.3738 * 1.2551 * 1.8179 *
   ****************************************************************
13 * 1.2939 * 1.4402 * 1.4403 * 1.6523 * 1.6551 * 1.5261 *  .8052 *
   * 1.4725 * 1.3127 * 1.3576 * 1.2735 * 1.2550 * 1.3520 * 2.1997 *
   ****************************************************************
14 * 1.6173 * 1.6221 * 1.5750 * 1.0952 *  .9778 *  .8198 *
   * 1.2488 * 1.2497 * 1.3119 * 1.6776 * 1.8180 * 2.2214 *
   ********************************************************
15 *  .8516 *  .8841 *  .8612 *  .6326 * F-SUB-Q
   * 1.9648 * 1.9136 * 2.0586 * 2.9446 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6052 * 1.3368 * 1.3887 * 1.3193 * 1.5887 * 1.2784 * 1.6152 *  .8383 *
   * 1.3247 * 1.4924 * 1.4278 * 1.4821 * 1.3124 * 1.5120 * 1.2673 * 2.0244 *
   ************************************************************************
 9 * 1.3368 * 1.6507 * 1.4432 * 1.6655 * 1.4591 * 1.4294 * 1.6202 *  .8685 *
   * 1.4924 * 1.2926 * 1.3688 * 1.2704 * 1.3363 * 1.3405 * 1.2674 * 1.9739 *
   ************************************************************************
10 * 1.3887 * 1.4428 * 1.4355 * 1.4942 * 1.6717 * 1.4288 * 1.5731 *  .8419 *
   * 1.4278 * 1.3691 * 1.3821 * 1.3137 * 1.2724 * 1.3797 * 1.3276 * 2.1327 *
   ************************************************************************
11 * 1.3193 * 1.6656 * 1.4942 * 1.6751 * 1.5011 * 1.6502 * 1.0794 *  .6194 *
   * 1.4821 * 1.2704 * 1.3137 * 1.2700 * 1.3080 * 1.2835 * 1.7063 * 3.0342 *
   ************************************************************************
12 * 1.5887 * 1.4592 * 1.6717 * 1.5012 * 1.4047 * 1.6551 *  .9600 *
   * 1.3124 * 1.3361 * 1.2724 * 1.3079 * 1.4008 * 1.2700 * 1.8728 *
   ****************************************************************
13 * 1.2784 * 1.4299 * 1.4289 * 1.6501 * 1.6552 * 1.5258 *  .7899 *
   * 1.5120 * 1.3399 * 1.3795 * 1.2835 * 1.2699 * 1.3687 * 2.2704 *
   ****************************************************************
14 * 1.6152 * 1.6207 * 1.5731 * 1.0793 *  .9598 *  .8052 *
   * 1.2673 * 1.2670 * 1.3275 * 1.7053 * 1.8728 * 2.2902 *
   ********************************************************
15 *  .8383 *  .8688 *  .8417 *  .6193 * F-SUB-Q
   * 2.0244 * 1.9746 * 2.1328 * 3.0343 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5966 * 1.3246 * 1.3752 * 1.3055 * 1.5768 * 1.2626 * 1.6059 *  .8293 *
   * 1.3438 * 1.5205 * 1.4589 * 1.5223 * 1.3449 * 1.5578 * 1.2961 * 2.0821 *
   ************************************************************************
 9 * 1.3246 * 1.6440 * 1.4303 * 1.6568 * 1.4452 * 1.4169 * 1.6113 *  .8578 *
   * 1.5205 * 1.3115 * 1.3937 * 1.2927 * 1.3675 * 1.3743 * 1.2949 * 2.0327 *
   ************************************************************************
10 * 1.3752 * 1.4299 * 1.4215 * 1.4810 * 1.6645 * 1.4151 * 1.5639 *  .8312 *
   * 1.4589 * 1.3940 * 1.4107 * 1.3374 * 1.2923 * 1.4036 * 1.3515 * 2.1925 *
   ************************************************************************
11 * 1.3055 * 1.6568 * 1.4810 * 1.6669 * 1.4882 * 1.6404 * 1.0681 *  .6103 *
   * 1.5223 * 1.2927 * 1.3374 * 1.2889 * 1.3322 * 1.3025 * 1.7429 * 3.1009 *
   ************************************************************************
12 * 1.5768 * 1.4453 * 1.6645 * 1.4882 * 1.3910 * 1.6466 *  .9485 *
   * 1.3449 * 1.3673 * 1.2923 * 1.3321 * 1.4247 * 1.2872 * 1.9079 *
   ****************************************************************
13 * 1.2626 * 1.4174 * 1.4152 * 1.6403 * 1.6467 * 1.5176 *  .7803 *
   * 1.5578 * 1.3738 * 1.4034 * 1.3025 * 1.2872 * 1.3904 * 2.3183 *
   ****************************************************************
14 * 1.6059 * 1.6118 * 1.5639 * 1.0680 *  .9484 *  .7955 *
   * 1.2961 * 1.2946 * 1.3515 * 1.7418 * 1.9079 * 2.3383 *
   ********************************************************
15 *  .8293 *  .8580 *  .8310 *  .6102 * F-SUB-Q
   * 2.0821 * 2.0334 * 2.1926 * 3.1010 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5956 * 1.3171 * 1.3680 * 1.2961 * 1.5726 * 1.2519 * 1.6042 *  .8200 *
   * 1.3768 * 1.5634 * 1.4931 * 1.5643 * 1.3770 * 1.6052 * 1.3247 * 2.1508 *
   ************************************************************************
 9 * 1.3171 * 1.6449 * 1.4232 * 1.6558 * 1.4369 * 1.4101 * 1.6100 *  .8459 *
   * 1.5634 * 1.3379 * 1.4225 * 1.3152 * 1.3991 * 1.4092 * 1.3222 * 2.1048 *
   ************************************************************************
10 * 1.3680 * 1.4228 * 1.4135 * 1.4735 * 1.6645 * 1.4069 * 1.5623 *  .8198 *
   * 1.4931 * 1.4229 * 1.4393 * 1.3646 * 1.3129 * 1.4314 * 1.3739 * 2.2647 *
   ************************************************************************
11 * 1.2961 * 1.6559 * 1.4736 * 1.6656 * 1.4806 * 1.6380 * 1.0570 *  .6002 *
   * 1.5643 * 1.3152 * 1.3646 * 1.3151 * 1.3653 * 1.3291 * 1.7859 * 3.1944 *
   ************************************************************************
12 * 1.5726 * 1.4370 * 1.6645 * 1.4806 * 1.3828 * 1.6455 *  .9371 *
   * 1.3770 * 1.3989 * 1.3130 * 1.3652 * 1.4618 * 1.3123 * 1.9663 *
   ****************************************************************
13 * 1.2519 * 1.4105 * 1.4070 * 1.6380 * 1.6456 * 1.5159 *  .7698 *
   * 1.6052 * 1.4087 * 1.4313 * 1.3292 * 1.3122 * 1.4167 * 2.3905 *
   ****************************************************************
14 * 1.6042 * 1.6105 * 1.5623 * 1.0569 *  .9369 *  .7840 *
   * 1.3247 * 1.3218 * 1.3739 * 1.7848 * 1.9663 * 2.4135 *
   ********************************************************
15 *  .8200 *  .8459 *  .8196 *  .6001 * F-SUB-Q
   * 2.1508 * 2.1062 * 2.2648 * 3.1945 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5743 * 1.3150 * 1.3507 * 1.2810 * 1.5480 * 1.2354 * 1.5794 *  .8203 *
   * 1.4339 * 1.6061 * 1.5436 * 1.6233 * 1.4358 * 1.6703 * 1.3806 * 2.2067 *
   ************************************************************************
 9 * 1.3150 * 1.6250 * 1.4063 * 1.6312 * 1.4172 * 1.3923 * 1.5855 *  .8499 *
   * 1.6061 * 1.3820 * 1.4732 * 1.3670 * 1.4528 * 1.4637 * 1.3766 * 2.1496 *
   ************************************************************************
10 * 1.3507 * 1.4059 * 1.3939 * 1.4556 * 1.6398 * 1.3888 * 1.5378 *  .8280 *
   * 1.5436 * 1.4736 * 1.4920 * 1.4132 * 1.3591 * 1.4826 * 1.4269 * 2.2954 *
   ************************************************************************
11 * 1.2810 * 1.6313 * 1.4556 * 1.6440 * 1.4611 * 1.6131 * 1.0607 *  .6004 *
   * 1.6233 * 1.3670 * 1.4132 * 1.3580 * 1.4102 * 1.3759 * 1.8130 * 3.2593 *
   ************************************************************************
12 * 1.5480 * 1.4173 * 1.6398 * 1.4612 * 1.3631 * 1.6204 *  .9457 *
   * 1.4358 * 1.4526 * 1.3591 * 1.4101 * 1.5237 * 1.3692 * 1.9926 *
   ****************************************************************
13 * 1.2354 * 1.3927 * 1.3889 * 1.6130 * 1.6205 * 1.4927 *  .7756 *
   * 1.6703 * 1.4631 * 1.4825 * 1.3760 * 1.3691 * 1.4777 * 2.4359 *
   ****************************************************************
14 * 1.5794 * 1.5860 * 1.5378 * 1.0606 *  .9455 *  .7893 *
   * 1.3806 * 1.3762 * 1.4270 * 1.8118 * 1.9926 * 2.4614 *
   ********************************************************
15 *  .8203 *  .8501 *  .8279 *  .6003 * F-SUB-Q
   * 2.2067 * 2.1504 * 2.2953 * 3.2594 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5923 * 1.3068 * 1.3560 * 1.2823 * 1.5626 * 1.2349 * 1.5984 *  .8120 *
   * 1.4571 * 1.6598 * 1.5826 * 1.6728 * 1.4682 * 1.7249 * 1.4072 * 2.2994 *
   ************************************************************************
 9 * 1.3068 * 1.6453 * 1.4124 * 1.6510 * 1.4232 * 1.3991 * 1.6050 *  .8381 *
   * 1.6598 * 1.4042 * 1.5123 * 1.3926 * 1.4917 * 1.5018 * 1.4020 * 2.2476 *
   ************************************************************************
10 * 1.3560 * 1.4120 * 1.3997 * 1.4613 * 1.6606 * 1.3935 * 1.5562 *  .8113 *
   * 1.5826 * 1.5127 * 1.5308 * 1.4504 * 1.3811 * 1.5209 * 1.4500 * 2.4110 *
   ************************************************************************
11 * 1.2823 * 1.6510 * 1.4613 * 1.6613 * 1.4681 * 1.6309 * 1.0484 *  .5908 *
   * 1.6728 * 1.3926 * 1.4504 * 1.3815 * 1.4422 * 1.3972 * 1.8848 * 3.4037 *
   ************************************************************************
12 * 1.5626 * 1.4233 * 1.6606 * 1.4681 * 1.3683 * 1.6400 *  .9277 *
   * 1.4682 * 1.4915 * 1.3811 * 1.4421 * 1.5539 * 1.3847 * 2.0797 *
   ****************************************************************
13 * 1.2349 * 1.3995 * 1.3936 * 1.6308 * 1.6401 * 1.5101 *  .7623 *
   * 1.7249 * 1.5013 * 1.5208 * 1.3972 * 1.3846 * 1.4968 * 2.5339 *
   ****************************************************************
14 * 1.5984 * 1.6054 * 1.5562 * 1.0484 *  .9275 *  .7766 *
   * 1.4072 * 1.4016 * 1.4501 * 1.8836 * 2.0797 * 2.5575 *
   ********************************************************
15 *  .8120 *  .8384 *  .8111 *  .5907 * F-SUB-Q
   * 2.2994 * 2.2484 * 2.4111 * 3.4037 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5962 * 1.3083 * 1.3551 * 1.2800 * 1.5631 * 1.2309 * 1.6005 *  .8113 *
   * 1.5072 * 1.7209 * 1.6429 * 1.7382 * 1.5231 * 1.7953 * 1.4567 * 2.3847 *
   ************************************************************************
 9 * 1.3083 * 1.6502 * 1.4117 * 1.6539 * 1.4212 * 1.3983 * 1.6073 *  .8368 *
   * 1.7209 * 1.4514 * 1.5695 * 1.4415 * 1.5480 * 1.5573 * 1.4504 * 2.3322 *
   ************************************************************************
10 * 1.3551 * 1.4113 * 1.3976 * 1.4601 * 1.6640 * 1.3915 * 1.5580 *  .8103 *
   * 1.6429 * 1.5700 * 1.5894 * 1.5052 * 1.4279 * 1.5771 * 1.4977 * 2.4975 *
   ************************************************************************
11 * 1.2800 * 1.6539 * 1.4600 * 1.6639 * 1.4667 * 1.6325 * 1.0480 *  .5890 *
   * 1.7382 * 1.4415 * 1.5052 * 1.4284 * 1.4944 * 1.4440 * 1.9509 * 3.5225 *
   ************************************************************************
12 * 1.5631 * 1.4213 * 1.6639 * 1.4668 * 1.3658 * 1.6423 *  .9263 *
   * 1.5231 * 1.5478 * 1.4279 * 1.4943 * 1.6077 * 1.4279 * 2.1508 *
   ****************************************************************
13 * 1.2309 * 1.3986 * 1.3915 * 1.6324 * 1.6424 * 1.5118 *  .7611 *
   * 1.7953 * 1.5568 * 1.5770 * 1.4441 * 1.4278 * 1.5421 * 2.6165 *
   ****************************************************************
14 * 1.6005 * 1.6077 * 1.5580 * 1.0479 *  .9262 *  .7757 *
   * 1.4567 * 1.4501 * 1.4978 * 1.9496 * 2.1508 * 2.6400 *
   ********************************************************
15 *  .8113 *  .8371 *  .8101 *  .5889 * F-SUB-Q
   * 2.3847 * 2.3330 * 2.4976 * 3.5225 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5877 * 1.3165 * 1.3481 * 1.2741 * 1.5511 * 1.2251 * 1.5887 *  .8153 *
   * 1.5052 * 1.6836 * 1.6147 * 1.7015 * 1.5044 * 1.7664 * 1.4648 * 2.3520 *
   ************************************************************************
 9 * 1.3165 * 1.6434 * 1.4050 * 1.6426 * 1.4122 * 1.3907 * 1.5959 *  .8432 *
   * 1.6836 * 1.4422 * 1.5431 * 1.4324 * 1.5318 * 1.5539 * 1.4608 * 2.2950 *
   ************************************************************************
10 * 1.3481 * 1.4045 * 1.3885 * 1.4532 * 1.6526 * 1.3836 * 1.5463 *  .8215 *
   * 1.6147 * 1.5436 * 1.5717 * 1.4912 * 1.4337 * 1.5738 * 1.5132 * 2.4491 *
   ************************************************************************
11 * 1.2741 * 1.6426 * 1.4532 * 1.6552 * 1.4579 * 1.6206 * 1.0561 *  .5913 *
   * 1.7015 * 1.4324 * 1.4912 * 1.4361 * 1.5015 * 1.4661 * 1.9315 * 3.4893 *
   ************************************************************************
12 * 1.5511 * 1.4123 * 1.6525 * 1.4580 * 1.3564 * 1.6305 *  .9378 *
   * 1.5044 * 1.5317 * 1.4337 * 1.5015 * 1.6397 * 1.4718 * 2.1429 *
   ****************************************************************
13 * 1.2251 * 1.3910 * 1.3836 * 1.6205 * 1.6305 * 1.5009 *  .7692 *
   * 1.7664 * 1.5534 * 1.5737 * 1.4662 * 1.4717 * 1.5990 * 2.6356 *
   ****************************************************************
14 * 1.5887 * 1.5963 * 1.5462 * 1.0560 *  .9376 *  .7826 *
   * 1.4648 * 1.4605 * 1.5133 * 1.9303 * 2.1429 * 2.6641 *
   ******************************************************
15 *  .8153 *  .8435 *  .8214 *  .5912 * F-SUB-Q
   * 2.3520 * 2.2959 * 2.4489 * 3.4894 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6126 * 1.3145 * 1.3593 * 1.2813 * 1.5722 * 1.2283 * 1.6147 *  .8108 *
   * 1.4251 * 1.6210 * 1.5402 * 1.6274 * 1.4274 * 1.6936 * 1.3862 * 2.2756 *
   ************************************************************************
 9 * 1.3145 * 1.6713 * 1.4175 * 1.6695 * 1.4245 * 1.4038 * 1.6224 *  .8355 *
   * 1.6210 * 1.3638 * 1.4714 * 1.3551 * 1.4604 * 1.4806 * 1.3819 * 2.2287 *
   ************************************************************************
10 * 1.3593 * 1.4170 * 1.4004 * 1.4650 * 1.6805 * 1.3943 * 1.5717 *  .8086 *
   * 1.5402 * 1.4718 * 1.4986 * 1.4223 * 1.3550 * 1.5012 * 1.4309 * 2.3930 *
   ************************************************************************
11 * 1.2813 * 1.6695 * 1.4650 * 1.6799 * 1.4718 * 1.6454 * 1.0487 *  .5844 *
   * 1.6274 * 1.3552 * 1.4223 * 1.3603 * 1.4295 * 1.3875 * 1.8682 * 3.3927 *
   ************************************************************************
12 * 1.5722 * 1.4246 * 1.6805 * 1.4718 * 1.3678 * 1.6573 *  .9248 *
   * 1.4274 * 1.4603 * 1.3551 * 1.4294 * 1.5630 * 1.3915 * 2.0861 *
   ****************************************************************
13 * 1.2283 * 1.4041 * 1.3943 * 1.6452 * 1.6574 * 1.5255 *  .7599 *
   * 1.6936 * 1.4803 * 1.5011 * 1.3876 * 1.3915 * 1.5118 * 2.5612 *
   ****************************************************************
14 * 1.6147 * 1.6228 * 1.5716 * 1.0487 *  .9247 *  .7736 *
   * 1.3862 * 1.3816 * 1.4310 * 1.8670 * 2.0861 * 2.5871 *
   ******************************************************
15 *  .8108 *  .8357 *  .8084 *  .5843 * F-SUB-Q
   * 2.2756 * 2.2295 * 2.3931 * 3.3927 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6291 * 1.3211 * 1.3673 * 1.2875 * 1.5850 * 1.2319 * 1.6303 *  .8133 *
   * 1.3669 * 1.5610 * 1.4835 * 1.5690 * 1.3713 * 1.6353 * 1.3294 * 2.1970 *
   ************************************************************************
 9 * 1.3211 * 1.6896 * 1.4265 * 1.6860 * 1.4328 * 1.4129 * 1.6384 *  .8348 *
   * 1.5610 * 1.3069 * 1.4163 * 1.2995 * 1.4061 * 1.4244 * 1.3248 * 2.1599 *
   ************************************************************************
10 * 1.3673 * 1.4260 * 1.4082 * 1.4742 * 1.6977 * 1.4019 * 1.5868 *  .8090 *
   * 1.4835 * 1.4167 * 1.4433 * 1.3687 * 1.2982 * 1.4451 * 1.3715 * 2.3151 *
   ************************************************************************
11 * 1.2875 * 1.6860 * 1.4742 * 1.6958 * 1.4813 * 1.6604 * 1.0513 *  .5831 *
   * 1.5690 * 1.2995 * 1.3687 * 1.3041 * 1.3744 * 1.3297 * 1.8027 * 3.2885 *
   ************************************************************************
12 * 1.5850 * 1.4329 * 1.6976 * 1.4813 * 1.3751 * 1.6734 *  .9254 *
   * 1.3713 * 1.4060 * 1.2983 * 1.3744 * 1.5038 * 1.3315 * 2.0147 *
   ****************************************************************
13 * 1.2319 * 1.4131 * 1.4018 * 1.6602 * 1.6735 * 1.5403 *  .7599 *
   * 1.6353 * 1.4241 * 1.4450 * 1.3298 * 1.3315 * 1.4458 * 2.4728 *
   ****************************************************************
14 * 1.6303 * 1.6387 * 1.5866 * 1.0512 *  .9252 *  .7734 *
   * 1.3294 * 1.3246 * 1.3717 * 1.8015 * 2.0148 * 2.4984 *
   ********************************************************
15 *  .8133 *  .8348 *  .8088 *  .5830 * F-SUB-Q
   * 2.1970 * 2.1614 * 2.3151 * 3.2885 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6426 * 1.3344 * 1.3757 * 1.2944 * 1.5952 * 1.2370 * 1.6419 *  .8188 *
   * 1.3202 * 1.5070 * 1.4365 * 1.5205 * 1.3270 * 1.5864 * 1.2847 * 2.1248 *
   ************************************************************************
 9 * 1.3344 * 1.7058 * 1.4358 * 1.6990 * 1.4405 * 1.4214 * 1.6504 *  .8432 *
   * 1.5070 * 1.2605 * 1.3709 * 1.2556 * 1.3620 * 1.3783 * 1.2798 * 2.0819 *
   ************************************************************************
10 * 1.3757 * 1.4353 * 1.4156 * 1.4835 * 1.7110 * 1.4094 * 1.5979 *  .8163 *
   * 1.4365 * 1.3713 * 1.3983 * 1.3243 * 1.2533 * 1.3990 * 1.3247 * 2.2330 *
   ************************************************************************
11 * 1.2944 * 1.6990 * 1.4835 * 1.7100 * 1.4898 * 1.6719 * 1.0608 *  .5868 *
   * 1.5205 * 1.2556 * 1.3243 * 1.2581 * 1.3293 * 1.2835 * 1.7374 * 3.1787 *
   ************************************************************************
12 * 1.5952 * 1.4407 * 1.7109 * 1.4898 * 1.3818 * 1.6857 *  .9336 *
   * 1.3270 * 1.3619 * 1.2534 * 1.3293 * 1.4548 * 1.2835 * 1.9401 *
   ****************************************************************
13 * 1.2370 * 1.4216 * 1.4094 * 1.6718 * 1.6857 * 1.5513 *  .7670 *
   * 1.5864 * 1.3780 * 1.3990 * 1.2836 * 1.2835 * 1.3930 * 2.3777 *
   ****************************************************************
14 * 1.6419 * 1.6507 * 1.5978 * 1.0608 *  .9335 *  .7811 *
   * 1.2847 * 1.2796 * 1.3249 * 1.7362 * 1.9401 * 2.4011 *
   ********************************************************
15 *  .8188 *  .8434 *  .8160 *  .5867 * F-SUB-Q
   * 2.1248 * 2.0827 * 2.2331 * 3.1788 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6514 * 1.3569 * 1.3835 * 1.3029 * 1.6010 * 1.2481 * 1.6472 *  .8317 *
   * 1.3875 * 1.5669 * 1.5117 * 1.5994 * 1.3994 * 1.6663 * 1.3538 * 2.2125 *
   ************************************************************************
 9 * 1.3569 * 1.7156 * 1.4447 * 1.7059 * 1.4477 * 1.4293 * 1.6561 *  .8586 *
   * 1.5669 * 1.3254 * 1.4422 * 1.3230 * 1.4341 * 1.4496 * 1.3482 * 2.1623 *
   ************************************************************************
10 * 1.3835 * 1.4441 * 1.4221 * 1.4931 * 1.7180 * 1.4173 * 1.6028 *  .8367 *
   * 1.5117 * 1.4427 * 1.4729 * 1.3920 * 1.3192 * 1.4710 * 1.3953 * 2.3029 *
   ************************************************************************
11 * 1.3029 * 1.7059 * 1.4930 * 1.7191 * 1.4974 * 1.6782 * 1.0802 *  .5963 *
   * 1.5994 * 1.3230 * 1.3920 * 1.3221 * 1.3972 * 1.3497 * 1.8022 * 3.3052 *
   ************************************************************************
12 * 1.6010 * 1.4478 * 1.7179 * 1.4974 * 1.3880 * 1.6918 *  .9548 *
   * 1.3994 * 1.4340 * 1.3193 * 1.3972 * 1.5279 * 1.3477 * 2.0012 *
   ****************************************************************
13 * 1.2481 * 1.4295 * 1.4172 * 1.6780 * 1.6918 * 1.5565 *  .7834 *
   * 1.6663 * 1.4494 * 1.4710 * 1.3499 * 1.3477 * 1.4617 * 2.4526 *
   ****************************************************************
14 * 1.6472 * 1.6563 * 1.6027 * 1.0802 *  .9546 *  .7966 *
   * 1.3538 * 1.3480 * 1.3955 * 1.8010 * 2.0013 * 2.4805 *
   ******************************************************
15 *  .8317 *  .8588 *  .8365 *  .5962 * F-SUB-Q
   * 2.2125 * 2.1632 * 2.3027 * 3.3053 * M-SUB-Q
   *************************************
```

AT 100% POWER, 460 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6965 * 1.3673 * 1.4108 * 1.3251 * 1.6430 * 1.2632 * 1.6946 *  .8350 *
   * 1.3217 * 1.5242 * 1.4572 * 1.5480 * 1.3426 * 1.6199 * 1.2950 * 2.1688 *
   ************************************************************************
 9 * 1.3673 * 1.7644 * 1.4743 * 1.7552 * 1.4775 * 1.4597 * 1.7040 *  .8576 *
   * 1.5242 * 1.2657 * 1.3900 * 1.2649 * 1.3831 * 1.3970 * 1.2891 * 2.1303 *
   ************************************************************************
10 * 1.4108 * 1.4737 * 1.4510 * 1.5232 * 1.7686 * 1.4452 * 1.6491 *  .8304 *
   * 1.4572 * 1.3905 * 1.4199 * 1.3423 * 1.2602 * 1.4191 * 1.3333 * 2.2824 *
   ************************************************************************
11 * 1.3251 * 1.7551 * 1.5231 * 1.7658 * 1.5296 * 1.7252 * 1.0830 *  .5944 *
   * 1.5480 * 1.2649 * 1.3423 * 1.2652 * 1.3442 * 1.2893 * 1.7666 * 3.2591 *
   ************************************************************************
12 * 1.6430 * 1.4776 * 1.7685 * 1.5296 * 1.4163 * 1.7410 *  .9508 *
   * 1.3426 * 1.3829 * 1.2603 * 1.3442 * 1.4658 * 1.2829 * 1.9718 *
   ****************************************************************
13 * 1.2632 * 1.4599 * 1.4451 * 1.7250 * 1.7410 * 1.6014 *  .7805 *
   * 1.6199 * 1.3968 * 1.4191 * 1.2895 * 1.2828 * 1.3909 * 2.4125 *
   ****************************************************************
14 * 1.6946 * 1.7043 * 1.6489 * 1.0830 *  .9506 *  .7936 *
   * 1.2950 * 1.2889 * 1.3335 * 1.7654 * 1.9718 * 2.4401 *
   ******************************************************
15 *  .8350 *  .8574 *  .8302 *  .5943 * F-SUB-Q
   * 2.1688 * 2.1322 * 2.2825 * 3.2591 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7261	1.3887	1.4327	1.3448	1.6709	1.2813	1.7247	.8464
	1.2534	1.4517	1.3922	1.4817	1.2820	1.5527	1.2383	2.0867
9	1.3887	1.7965	1.4982	1.7868	1.5010	1.4838	1.7347	.8697
	1.4517	1.2048	1.3280	1.2060	1.3218	1.3370	1.2323	2.0487
10	1.4327	1.4976	1.4733	1.5482	1.8008	1.4685	1.6784	.8418
	1.3922	1.3285	1.3575	1.2817	1.2000	1.3566	1.2746	2.1957
11	1.3448	1.7867	1.5481	1.7979	1.5542	1.7560	1.0992	.6014
	1.4817	1.2060	1.2818	1.2043	1.2826	1.2291	1.6925	3.1452
12	1.6709	1.5011	1.8006	1.5542	1.4382	1.7727	.9646	
	1.2820	1.3216	1.2001	1.2826	1.3968	1.2214	1.8894	
13	1.2813	1.4840	1.4684	1.7558	1.7727	1.6300	.7913	
	1.5527	1.3368	1.3566	1.2292	1.2214	1.3259	2.3149	
14	1.7247	1.7349	1.6782	1.0992	.9644	.8045		
	1.2383	1.2321	1.2748	1.6914	1.8895	2.3415		
15	.8464	.8694	.8416	.6014	F-SUB-Q			
	2.0867	2.0506	2.1958	3.1452	M-SUB-Q			

AT 100% POWER, 460 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7300	1.4176	1.4439	1.3568	1.6750	1.3009	1.7268	.8635
	1.2167	1.3850	1.3476	1.4337	1.2480	1.4946	1.2062	1.9966
9	1.4176	1.8003	1.5104	1.7891	1.5117	1.4952	1.7373	.8928
	1.3850	1.1714	1.2854	1.1747	1.2806	1.2946	1.1997	1.9479
10	1.4439	1.5097	1.4830	1.5622	1.8021	1.4812	1.6802	.8696
	1.3476	1.2859	1.3158	1.2390	1.1684	1.3115	1.2410	2.0740
11	1.3568	1.7891	1.5621	1.8044	1.5644	1.7600	1.1264	.6164
	1.4337	1.1747	1.2391	1.1688	1.2413	1.1936	1.6097	2.9937
12	1.6750	1.5119	1.8020	1.5644	1.4474	1.7754	.9959	
	1.2480	1.2804	1.1685	1.2413	1.3496	1.1851	1.7813	
13	1.3009	1.4954	1.4812	1.7598	1.7754	1.6316	.8143	
	1.4946	1.2943	1.3115	1.1937	1.1851	1.2863	2.1876	
14	1.7268	1.7376	1.6800	1.1263	.9957	.8278		
	1.2062	1.1995	1.2411	1.6087	1.7814	2.2131		
15	.8635	.8930	.8694	.6163	F-SUB-Q			
	1.9966	1.9487	2.0738	2.9938	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7507	1.4118	1.4615	1.3679	1.6972	1.3065	1.7508	.8577
	1.1764	1.3616	1.3045	1.3942	1.2071	1.4577	1.1650	1.9701
9	1.4118	1.8192	1.5286	1.8121	1.5301	1.5138	1.7621	.8844
	1.3616	1.1349	1.2448	1.1361	1.2398	1.2526	1.1582	1.9273
10	1.4615	1.5279	1.5020	1.5802	1.8233	1.4993	1.7040	.8561
	1.3045	1.2452	1.2730	1.2000	1.1304	1.2690	1.1978	2.0641
11	1.3679	1.8121	1.5802	1.8237	1.5827	1.7840	1.1181	.6107
	1.3942	1.1361	1.2000	1.1317	1.2009	1.1516	1.5875	2.9605
12	1.6972	1.5302	1.8232	1.5827	1.4634	1.7991	.9829	
	1.2071	1.2396	1.1305	1.2009	1.3049	1.1425	1.7656	
13	1.3065	1.5140	1.4993	1.7838	1.7991	1.6516	.8041	
	1.4577	1.2524	1.2690	1.1518	1.1425	1.2409	2.1658	
14	1.7508	1.7624	1.7038	1.1180	.9827	.8178		
	1.1650	1.1580	1.1979	1.5865	1.7657	2.1899		
15	.8577	.8846	.8559	.6106	F-SUB-Q			
	1.9701	1.9280	2.0642	2.9606	M-SUB-Q			

AT 100% POWER, 460 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6802	1.3628	1.4237	1.3255	1.6320	1.2708	1.6782	.8261
	1.2044	1.3865	1.3169	1.4154	1.2344	1.4742	1.1941	2.0113
9	1.3628	1.7409	1.4870	1.7350	1.4841	1.4688	1.6899	.8506
	1.3865	1.1651	1.2584	1.1661	1.2569	1.2690	1.1862	1.9705
10	1.4237	1.4864	1.4590	1.5328	1.7398	1.4574	1.6347	.8251
	1.3169	1.2589	1.2887	1.2164	1.1637	1.2830	1.2263	2.1057
11	1.3255	1.7349	1.5328	1.7427	1.5311	1.7106	1.0778	.5895
	1.4154	1.1661	1.2164	1.1631	1.2195	1.1791	1.6181	3.0161
12	1.6320	1.4842	1.7398	1.5311	1.4164	1.7209	.9486	
	1.2344	1.2567	1.1637	1.2194	1.3242	1.1716	1.7968	
13	1.2708	1.4692	1.4574	1.7104	1.7210	1.5780	.7727	
	1.4742	1.2686	1.2830	1.1792	1.1715	1.2734	2.2126	
14	1.6782	1.6902	1.6345	1.0777	.9484	.7881		
	1.1941	1.1860	1.2265	1.6171	1.7968	2.2309		
15	.8261	.8507	.8249	.5895	F-SUB-Q			
	2.0113	1.9714	2.1057	3.0162	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 460 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4298	1.1914	1.2509	1.1571	1.3894	1.1145	1.4248	.7120
	1.3934	1.5620	1.4766	1.5975	1.4280	1.6565	1.3840	2.2996
9	1.1914	1.5029	1.3032	1.4872	1.2685	1.2784	1.4339	.7312
	1.5620	1.3275	1.4144	1.3394	1.4484	1.4361	1.3758	2.2578
10	1.2509	1.3027	1.2531	1.3384	1.4938	1.2743	1.3893	.7061
	1.4766	1.4149	1.4779	1.3715	1.3340	1.4444	1.4199	2.4244
11	1.1571	1.4872	1.3383	1.4907	1.3055	1.4487	.9228	.5158
	1.5975	1.3394	1.3715	1.3380	1.4076	1.3699	1.8614	3.4000
12	1.3894	1.2687	1.4937	1.3055	1.2054	1.4546	.8158	
	1.4280	1.4482	1.3340	1.4076	1.5333	1.3630	2.0567	
13	1.1145	1.2790	1.2743	1.4485	1.4547	1.3382	.6646	
	1.6565	1.4353	1.4444	1.3700	1.3629	1.4761	2.5330	
14	1.4248	1.4343	1.3892	.9227	.8157	.6776		
	1.3840	1.3754	1.4200	1.8602	2.0566	2.5546		
15	.7120	.7314	.7059	.5157	F-SUB-Q			
	2.2996	2.2587	2.4245	3.4000	M-SUB-Q			

AT 100% POWER, 460 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.7049	.6102	.5985	.5913	.6847	.5712	.6347	.3505
	2.7836	3.0048	3.0397	3.0808	2.8553	3.1854	3.0592	4.6105
9	.6102	.6993	.6185	.7080	.6023	.5978	.6377	.3549
	3.0048	2.8078	2.9340	2.7687	3.0021	3.0235	3.0453	4.5924
10	.5985	.6184	.5883	.6350	.7127	.6036	.6144	.3399
	3.0397	2.9347	3.0999	2.8449	2.7499	3.0018	3.1619	4.9729
11	.5913	.7080	.6350	.7117	.6075	.6722	.4581	.2567
	3.0808	2.7687	2.8450	2.7564	2.9766	2.9052	3.6957	6.7522
12	.6847	.6024	.7127	.6075	.5702	.6454	.3960	
	2.8553	3.0016	2.7499	2.9766	3.1895	3.0228	4.1796	
13	.5712	.5982	.6036	.6722	.6454	.5825	.3189	
	3.1854	3.0214	3.0015	2.9053	3.0224	3.3407	5.2113	
14	.6347	.6380	.6144	.4581	.3960	.3237		
	3.0592	3.0443	3.1619	3.6935	4.1786	5.2794		
15	.3505	.3549	.3398	.2567	F-SUB-Q			
	4.6105	4.5947	4.9725	6.7518	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.4664	.5347	.5697	.5882	.6805	.5837	.5814	.3106
	3.2270	3.7036	3.5741	3.4263	2.9545	3.4560	3.5105	6.0305
9	.5347	.6319	.5989	.6697	.5823	.5690	.5773	.3108
	3.7036	3.2645	3.4198	3.0252	3.4608	3.5479	3.5375	5.9524
10	.5697	.5988	.5599	.5886	.6248	.5351	.5162	.2835
	3.5741	3.4205	3.7046	3.4781	3.2242	3.7459	3.8762	6.4279
11	.5882	.6698	.5887	.5966	.4993	.5080	.3724	.1957
	3.4263	3.0246	3.4774	3.4356	4.0564	3.8736	4.9574	9.2929
12	.6805	.5825	.6251	.4994	.3705	.3927	.2659	
	2.9545	3.4598	3.2225	4.0553	4.4129	4.0998	6.2530	
13	.5837	.5703	.5356	.5083	.3927	.3199	.1839	
	3.4560	3.5403	3.7427	3.8725	4.0995	4.6332	8.1568	
14	.5814	.5781	.5167	.3726	.2659	.1881		
	3.5105	3.5324	3.8727	4.9553	6.2547	7.9825		
15	.3106	.3110	.2837	.1958	F-SUB-Q			
	6.0305	5.9492	6.4248	9.2882	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.9745	1.1160	1.2926	1.2283	1.4735	1.2440	1.4265	.6718
	1.5288	1.8091	1.6239	1.6918	1.4064	1.6688	1.4748	2.8763
9	1.1160	1.3479	1.3526	1.4288	1.3069	1.3180	1.4201	.6941
	1.8091	1.5730	1.5528	1.4622	1.5908	1.5794	1.4675	2.7263
10	1.2926	1.3523	1.3048	1.3130	1.2914	1.2266	1.2886	.6473
	1.6239	1.5532	1.6336	1.6027	1.6142	1.6869	1.5987	2.8947
11	1.2283	1.4290	1.3131	1.2290	1.1013	1.1925	.8255	.4227
	1.6918	1.4620	1.6025	1.7167	1.8519	1.6811	2.3093	4.4410
12	1.4735	1.3076	1.2919	1.1016	.8109	.9620	.5978	
	1.4064	1.5900	1.6136	1.8515	1.9354	1.6914	2.8392	
13	1.2440	1.3207	1.2277	1.1930	.9622	.8255	.4389	
	1.6688	1.5763	1.6855	1.6806	1.6913	1.8919	3.4963	
14	1.4265	1.4220	1.2897	.8257	.5977	.4413		
	1.4748	1.4657	1.5974	2.3085	2.8398	3.4803		
15	.6718	.6946	.6475	.4229	F-SUB-Q			
	2.8763	2.7245	2.8936	4.4390	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0692	1.2997	1.5198	1.3914	1.4599	1.4348	1.5259	.7460
	1.5868	1.6396	1.4124	1.5355	1.4506	1.4763	1.3865	2.6034
9	1.2997	1.5096	1.5598	1.4770	1.5287	1.5518	1.4873	.7795
	1.6396	1.4283	1.3760	1.4503	1.3888	1.3668	1.4220	2.4592
10	1.5198	1.5595	1.5783	1.5132	1.4115	1.4362	1.4494	.7475
	1.4124	1.3762	1.3650	1.4170	1.5032	1.4746	1.4526	2.5571
11	1.3914	1.4771	1.5134	1.3967	1.2668	1.2173	.9526	.4901
	1.5355	1.4503	1.4168	1.5360	1.6073	1.7215	2.0537	3.9257
12	1.4599	1.5306	1.4128	1.2672	.9548	1.0037	.6702	
	1.4506	1.3871	1.5018	1.6071	1.6283	1.6644	2.5913	
13	1.4348	1.5551	1.4375	1.2180	1.0040	1.0055	.5214	
	1.4763	1.3639	1.4731	1.7210	1.6641	1.5965	3.0194	
14	1.5259	1.4893	1.4507	.9529	.6702	.5305		
	1.3865	1.4201	1.4513	2.0531	2.5915	2.9699		
15	.7460	.7801	.7479	.4903	F-SUB-Q			
	2.6034	2.4577	2.5561	3.9238	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1648	1.3937	1.6401	1.4845	1.5706	1.5368	1.6603	.7596
	1.5224	1.5962	1.3460	1.4803	1.3834	1.4127	1.3024	2.6034
9	1.3937	1.6448	1.6843	1.6071	1.6426	1.6814	1.6185	.7941
	1.5962	1.3477	1.3102	1.3726	1.3268	1.2928	1.3366	2.4592
10	1.6401	1.6839	1.7169	1.6307	1.5350	1.5563	1.5916	.7744
	1.3460	1.3105	1.2878	1.3515	1.4219	1.3988	1.3583	2.5332
11	1.4845	1.6072	1.6309	1.5215	1.3593	1.3233	1.0013	.5091
	1.4803	1.3725	1.3514	1.4516	1.5269	1.6349	2.0186	3.8951
12	1.5706	1.6448	1.5365	1.3597	1.0264	1.0937	.6932	
	1.3834	1.3250	1.4204	1.5267	1.5400	1.5763	2.5913	
13	1.5368	1.6852	1.5579	1.3240	1.0941	1.1378	.5579	
	1.4127	1.2899	1.3974	1.6344	1.5760	1.4698	2.9410	
14	1.6603	1.6206	1.5931	1.0017	.6933	.5691		
	1.3024	1.3349	1.3570	2.0178	2.5915	2.8858		
15	.7596	.7947	.7747	.5094	F-SUB-Q			
	2.6034	2.4577	2.5322	3.8931	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2228 * 1.4348 * 1.6817 * 1.5171 * 1.6232 * 1.5705 * 1.7182 *  .7695 *
   * 1.5320 * 1.6204 * 1.3607 * 1.4983 * 1.3802 * 1.4256 * 1.2984 * 2.6599 *
   ************************************************************************
 9 * 1.4348 * 1.7055 * 1.7330 * 1.6641 * 1.6819 * 1.7242 * 1.6769 *  .8076 *
   * 1.6204 * 1.3510 * 1.3202 * 1.3751 * 1.3362 * 1.2976 * 1.3315 * 2.5050 *
   ************************************************************************
10 * 1.6817 * 1.7326 * 1.7675 * 1.6764 * 1.5900 * 1.6045 * 1.6580 *  .7913 *
   * 1.3607 * 1.3206 * 1.2980 * 1.3639 * 1.4185 * 1.4019 * 1.3464 * 2.5626 *
   ************************************************************************
11 * 1.5171 * 1.6642 * 1.6765 * 1.5792 * 1.4127 * 1.3841 * 1.0353 *  .5179 *
   * 1.4983 * 1.3750 * 1.3638 * 1.4550 * 1.5338 * 1.6294 * 2.0240 * 3.9578 *
   ************************************************************************
12 * 1.6232 * 1.6843 * 1.5917 * 1.4132 * 1.0790 * 1.1674 *  .7230 *
   * 1.3802 * 1.3343 * 1.4169 * 1.5336 * 1.5476 * 1.5682 * 2.6286 *
   ****************************************************************
13 * 1.5705 * 1.7282 * 1.6061 * 1.3849 * 1.1678 * 1.2361 *  .5919 *
   * 1.4256 * 1.2951 * 1.4004 * 1.6288 * 1.5678 * 1.4477 * 2.9567 *
   ****************************************************************
14 * 1.7182 * 1.6792 * 1.6597 * 1.0357 *  .7232 *  .6046 *
   * 1.2984 * 1.3298 * 1.3451 * 2.0230 * 2.6283 * 2.8976 *
   ********************************************************
15 *  .7695 *  .8082 *  .7917 *  .5182 * F-SUB-Q
   * 2.6599 * 2.5033 * 2.5615 * 3.9555 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3209 * 1.4699 * 1.7036 * 1.5335 * 1.6468 * 1.5841 * 1.7449 *  .7776 *
   * 1.5707 * 1.6668 * 1.3961 * 1.5377 * 1.4050 * 1.4575 * 1.3162 * 2.7109 *
   ************************************************************************
 9 * 1.4699 * 1.7396 * 1.7603 * 1.6937 * 1.6999 * 1.7485 * 1.7050 *  .8179 *
   * 1.6668 * 1.3786 * 1.3495 * 1.4008 * 1.3666 * 1.3174 * 1.3486 * 2.5477 *
   ************************************************************************
10 * 1.7036 * 1.7599 * 1.7954 * 1.7028 * 1.6198 * 1.6330 * 1.6950 *  .8035 *
   * 1.3961 * 1.3499 * 1.3262 * 1.3934 * 1.4464 * 1.4310 * 1.3644 * 2.6065 *
   ************************************************************************
11 * 1.5335 * 1.6937 * 1.7030 * 1.6150 * 1.4668 * 1.4338 * 1.0661 *  .5255 *
   * 1.5377 * 1.4008 * 1.3932 * 1.4833 * 1.5676 * 1.6561 * 2.0630 * 4.0688 *
   ************************************************************************
12 * 1.6468 * 1.7024 * 1.6216 * 1.4673 * 1.1737 * 1.2670 *  .7625 *
   * 1.4050 * 1.3646 * 1.4448 * 1.5674 * 1.5838 * 1.5973 * 2.6766 *
   ****************************************************************
13 * 1.5841 * 1.7520 * 1.6347 * 1.4347 * 1.2675 * 1.3510 *  .6338 *
   * 1.4575 * 1.3148 * 1.4293 * 1.6554 * 1.5968 * 1.4705 * 3.0228 *
   ****************************************************************
14 * 1.7449 * 1.7077 * 1.6967 * 1.0666 *  .7627 *  .6475 *
   * 1.3162 * 1.3467 * 1.3630 * 2.0618 * 2.6759 * 2.9616 *
   ********************************************************
15 *  .7776 *  .8185 *  .8040 *  .5258 * F-SUB-Q
   * 2.7109 * 2.5459 * 2.6051 * 4.0660 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5046	1.5190	1.7473	1.5573	1.6773	1.6045	1.7826	.7787
	1.5924	1.6944	1.4401	1.5884	1.4403	1.5007	1.3404	2.8132
9	1.5190	1.7869	1.7980	1.7351	1.7270	1.7816	1.7443	.8178
	1.6944	1.4141	1.3885	1.4353	1.4057	1.3472	1.3740	2.6493
10	1.7473	1.7975	1.8351	1.7398	1.6615	1.6719	1.7418	.8071
	1.4401	1.3889	1.3633	1.4330	1.4807	1.4688	1.3909	2.7110
11	1.5573	1.7351	1.7400	1.6646	1.5406	1.5010	1.0893	.5289
	1.5884	1.4353	1.4328	1.5199	1.5987	1.6696	2.1426	4.2593
12	1.6773	1.7296	1.6634	1.5412	1.3861	1.4199	.7965	
	1.4403	1.4035	1.4790	1.5984	1.6147	1.6196	2.7737	
13	1.6045	1.7852	1.6737	1.5019	1.4205	1.5030	.6758	
	1.5007	1.3445	1.4670	1.6687	1.6191	1.4846	3.1136	
14	1.7826	1.7472	1.7437	1.0899	.7968	.6905		
	1.3404	1.3720	1.3894	2.1412	2.7729	3.0498		
15	.7787	.8185	.8076	.5293	F-SUB-Q			
	2.8132	2.6474	2.7094	4.2561	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6266	1.5547	1.7779	1.5721	1.6947	1.6160	1.8045	.7813
	1.6435	1.7571	1.5099	1.6666	1.5032	1.5699	1.3925	2.9455
9	1.5547	1.8177	1.8235	1.7614	1.7430	1.8027	1.7683	.8195
	1.7571	1.4783	1.4527	1.4987	1.4697	1.4018	1.4275	2.7789
10	1.7779	1.8229	1.8622	1.7654	1.6884	1.6993	1.7733	.8116
	1.5099	1.4532	1.4255	1.4986	1.5439	1.5313	1.4448	2.8441
11	1.5721	1.7614	1.7656	1.6988	1.5974	1.5515	1.1111	.5339
	1.6666	1.4987	1.4984	1.5869	1.6361	1.7104	2.2298	4.4832
12	1.6947	1.7459	1.6904	1.5980	1.5369	1.5334	.8289	
	1.5032	1.4673	1.5420	1.6358	1.6560	1.6569	2.8553	
13	1.6160	1.8065	1.7012	1.5525	1.5340	1.6249	.7140	
	1.5699	1.3989	1.5294	1.7094	1.6563	1.5198	3.2148	
14	1.8045	1.7713	1.7752	1.1119	.8292	.7295		
	1.3925	1.4254	1.4432	2.2283	2.8543	3.1496		
15	.7813	.8202	.8121	.5343	F-SUB-Q			
	2.9455	2.7769	2.8423	4.4796	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.6777	1.5797	1.8036	1.5863	1.7142	1.6284	1.8285	.7809
	1.7172	1.8320	1.5941	1.7610	1.5792	1.6542	1.4567	3.1205
9	1.5797	1.8471	1.8476	1.7884	1.7604	1.8247	1.7936	.8171
	1.8320	1.5550	1.5306	1.5747	1.5470	1.4695	1.4936	2.9520
10	1.8036	1.8469	1.8880	1.7899	1.7159	1.7255	1.8045	.8126
	1.5941	1.5311	1.5010	1.5781	1.6195	1.6071	1.5112	3.0166
11	1.5863	1.7884	1.7901	1.7315	1.6425	1.5944	1.1257	.5356
	1.7610	1.5747	1.5779	1.6518	1.6962	1.7678	2.3194	4.7698
12	1.7142	1.7634	1.7180	1.6428	1.6030	1.6031	.8488	
	1.5792	1.5442	1.6175	1.6959	1.7192	1.7093	2.9868	
13	1.6284	1.8286	1.7275	1.5954	1.6037	1.7123	.7395	
	1.6542	1.4664	1.6051	1.7667	1.7090	1.5630	3.3495	
14	1.8285	1.7967	1.8066	1.1265	.8492	.7555		
	1.4567	1.4914	1.5094	2.3178	2.9856	3.2810		
15	.7809	.8178	.8132	.5361	F-SUB-Q			
	3.1205	2.9498	3.0146	4.7657	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6682	1.5702	1.7922	1.5736	1.6971	1.6147	1.8092	.7847
	1.8322	1.9432	1.6966	1.9029	1.7058	1.7831	1.5710	3.3094
9	1.5702	1.8312	1.8361	1.7731	1.7462	1.8133	1.7783	.8253
	1.9432	1.6590	1.6521	1.7027	1.6678	1.5794	1.6090	3.1151
10	1.7922	1.8354	1.8768	1.7804	1.7024	1.7181	1.7936	.8212
	1.6966	1.6527	1.6144	1.6957	1.7481	1.7276	1.6264	3.1871
11	1.5736	1.7731	1.7806	1.7205	1.6513	1.5910	1.1409	.5404
	1.9029	1.7027	1.6955	1.7515	1.8030	1.8691	2.4095	5.0237
12	1.6971	1.7493	1.7045	1.6516	1.6168	1.6148	.8716	
	1.7058	1.6648	1.7458	1.8026	1.8290	1.8190	3.1117	
13	1.6147	1.8171	1.7201	1.5920	1.6155	1.7347	.7609	
	1.7831	1.5760	1.7254	1.8679	1.8185	1.6614	3.5012	
14	1.8092	1.7814	1.7957	1.1418	.8720	.7779		
	1.5710	1.6064	1.6245	2.4076	3.1103	3.4273		
15	.7847	.8260	.8219	.5408	F-SUB-Q			
	3.3094	3.1128	3.1848	5.0196	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6964 * 1.5835 * 1.8128 * 1.5871 * 1.7216 * 1.6292 * 1.8425 *  .7776 *
   * 1.9097 * 2.0428 * 1.7782 * 2.0269 * 1.8043 * 1.8953 * 1.6523 * 3.5714 *
   ************************************************************************
 9 * 1.5835 * 1.8610 * 1.8591 * 1.8035 * 1.7666 * 1.8397 * 1.8108 *  .8141 *
   * 2.0428 * 1.7296 * 1.7298 * 1.7783 * 1.7685 * 1.6684 * 1.6929 * 3.3770 *
   ************************************************************************
10 * 1.8128 * 1.8584 * 1.9021 * 1.8039 * 1.7334 * 1.7435 * 1.8291 *  .8117 *
   * 1.7782 * 1.7305 * 1.6882 * 1.7732 * 1.8272 * 1.8098 * 1.7084 * 3.4498 *
   ************************************************************************
11 * 1.5871 * 1.8035 * 1.8041 * 1.7527 * 1.6837 * 1.6272 * 1.1381 *  .5354 *
   * 2.0269 * 1.7783 * 1.7730 * 1.8204 * 1.8691 * 1.9329 * 2.5553 * 5.3605 *
   ************************************************************************
12 * 1.7216 * 1.7699 * 1.7355 * 1.6841 * 1.6511 * 1.6575 *  .8667 *
   * 1.8043 * 1.7652 * 1.8249 * 1.8688 * 1.8993 * 1.8827 * 3.3067 *
   ****************************************************************
13 * 1.6292 * 1.8437 * 1.7456 * 1.6283 * 1.6582 * 1.7911 *  .7637 *
   * 1.8953 * 1.6647 * 1.8077 * 1.9317 * 1.8820 * 1.7196 * 3.7191 *
   ****************************************************************
14 * 1.8425 * 1.8139 * 1.8313 * 1.1390 *  .8671 *  .7800 *
   * 1.6523 * 1.6899 * 1.7064 * 2.5533 * 3.3054 * 3.6443 *
   ********************************************************
15 *  .7776 *  .8148 *  .8124 *  .5359 * F-SUB-Q
   * 3.5714 * 3.3745 * 3.4472 * 5.3560 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6919 * 1.5752 * 1.8071 * 1.5808 * 1.7198 * 1.6242 * 1.8435 *  .7741 *
   * 1.9682 * 2.1061 * 1.8352 * 2.0902 * 1.9139 * 2.0273 * 1.7711 * 3.8408 *
   ************************************************************************
 9 * 1.5752 * 1.8578 * 1.8559 * 1.8023 * 1.7631 * 1.8407 * 1.8128 *  .8102 *
   * 2.1061 * 1.7841 * 1.7852 * 1.8376 * 1.8722 * 1.7891 * 1.8130 * 3.6322 *
   ************************************************************************
10 * 1.8071 * 1.8551 * 1.8994 * 1.8018 * 1.7338 * 1.7440 * 1.8332 *  .8084 *
   * 1.8352 * 1.7859 * 1.7461 * 1.8402 * 1.9079 * 1.8991 * 1.8046 * 3.7057 *
   ************************************************************************
11 * 1.5808 * 1.8023 * 1.8020 * 1.7531 * 1.6886 * 1.6319 * 1.1374 *  .5332 *
   * 2.0902 * 1.8377 * 1.8400 * 1.8930 * 1.9786 * 2.0382 * 2.7073 * 5.7019 *
   ************************************************************************
12 * 1.7198 * 1.7665 * 1.7360 * 1.6890 * 1.6573 * 1.6670 *  .8679 *
   * 1.9139 * 1.8687 * 1.9054 * 1.9782 * 2.0091 * 1.9831 * 3.5031 *
   ****************************************************************
13 * 1.6242 * 1.8447 * 1.7461 * 1.6331 * 1.6677 * 1.8088 *  .7668 *
   * 2.0273 * 1.7851 * 1.8968 * 2.0368 * 1.9829 * 1.8074 * 3.9287 *
   ****************************************************************
14 * 1.8435 * 1.8160 * 1.8354 * 1.1384 *  .8683 *  .7830 *
   * 1.7711 * 1.8098 * 1.8023 * 2.7048 * 3.5016 * 3.8506 *
   ********************************************************
15 *  .7741 *  .8109 *  .8092 *  .5337 * F-SUB-Q
   * 3.8408 * 3.6294 * 3.7028 * 5.6968 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6596 * 1.5491 * 1.7798 * 1.5572 * 1.6939 * 1.6019 * 1.8164 *  .7716 *
   * 1.9704 * 2.1025 * 1.8294 * 2.0819 * 1.9052 * 2.0140 * 1.7758 * 3.8315 *
   ************************************************************************
 9 * 1.5491 * 1.8274 * 1.8304 * 1.7745 * 1.7390 * 1.8194 * 1.7885 *  .8102 *
   * 2.1025 * 1.7811 * 1.7771 * 1.8330 * 1.8625 * 1.7792 * 1.8098 * 3.6131 *
   ************************************************************************
10 * 1.7798 * 1.8296 * 1.8736 * 1.7783 * 1.7087 * 1.7234 * 1.8103 *  .8088 *
   * 1.8294 * 1.7779 * 1.7387 * 1.8317 * 1.9014 * 1.8881 * 1.7949 * 3.6604 *
   ************************************************************************
11 * 1.5572 * 1.7745 * 1.7785 * 1.7271 * 1.6713 * 1.6102 * 1.1374 *  .5311 *
   * 2.0819 * 1.8331 * 1.8315 * 1.8888 * 1.9723 * 2.0331 * 2.6618 * 5.6514 *
   ************************************************************************
12 * 1.6939 * 1.7423 * 1.7109 * 1.6717 * 1.6416 * 1.6495 *  .8727 *
   * 1.9052 * 1.8590 * 1.8990 * 1.9718 * 2.0183 * 2.0046 * 3.4774 *
   ****************************************************************
13 * 1.6019 * 1.8234 * 1.7256 * 1.6113 * 1.6502 * 1.7947 *  .7702 *
   * 2.0140 * 1.7753 * 1.8857 * 2.0316 * 2.0037 * 1.8521 * 3.9648 *
   ****************************************************************
14 * 1.8164 * 1.7917 * 1.8126 * 1.1384 *  .8732 *  .7870 *
   * 1.7758 * 1.8066 * 1.7926 * 2.6593 * 3.4756 * 3.8833 *
   ********************************************************
15 *  .7716 *  .8109 *  .8095 *  .5316 * F-SUB-Q
   * 3.8315 * 3.6102 * 3.6572 * 5.6458 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6667 * 1.5452 * 1.7819 * 1.5562 * 1.7034 * 1.6029 * 1.8352 *  .7592 *
   * 1.9180 * 2.0545 * 1.7815 * 2.0238 * 1.8312 * 1.9431 * 1.6946 * 3.7397 *
   ************************************************************************
 9 * 1.5452 * 1.8386 * 1.8357 * 1.7875 * 1.7444 * 1.8311 * 1.8063 *  .7935 *
   * 2.0545 * 1.7251 * 1.7266 * 1.7726 * 1.8028 * 1.7119 * 1.7350 * 3.5419 *
   ************************************************************************
10 * 1.7819 * 1.8349 * 1.8807 * 1.7842 * 1.7231 * 1.7323 * 1.8293 *  .7933 *
   * 1.7815 * 1.7274 * 1.6894 * 1.7804 * 1.8347 * 1.8303 * 1.7290 * 3.5905 *
   ************************************************************************
11 * 1.5562 * 1.7875 * 1.7844 * 1.7407 * 1.6813 * 1.6270 * 1.1228 *  .5209 *
   * 2.0238 * 1.7727 * 1.7802 * 1.8288 * 1.9199 * 1.9672 * 2.6164 * 5.5165 *
   ************************************************************************
12 * 1.7034 * 1.7478 * 1.7253 * 1.6817 * 1.6521 * 1.6676 *  .8555 *
   * 1.8312 * 1.7993 * 1.8323 * 1.9195 * 1.9660 * 1.9322 * 3.4066 *
   ****************************************************************
13 * 1.6029 * 1.8352 * 1.7345 * 1.6282 * 1.6683 * 1.8220 *  .7607 *
   * 1.9431 * 1.7082 * 1.8280 * 1.9658 * 1.9314 * 1.7805 * 3.8472 *
   ****************************************************************
14 * 1.8352 * 1.8096 * 1.8316 * 1.1239 *  .8560 *  .7764 *
   * 1.6946 * 1.7319 * 1.7268 * 2.6139 * 3.4051 * 3.7732 *
   ********************************************************
15 *  .7592 *  .7943 *  .7941 *  .5214 * F-SUB-Q
   * 3.7397 * 3.5390 * 3.5875 * 5.5111 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6535 * 1.5287 * 1.7673 * 1.5425 * 1.6943 * 1.5907 * 1.8308 *  .7502 *
   * 1.7771 * 1.9124 * 1.6603 * 1.8852 * 1.7020 * 1.8123 * 1.5733 * 3.4833 *
   ************************************************************************
 9 * 1.5287 * 1.8276 * 1.8237 * 1.7788 * 1.7333 * 1.8247 * 1.8024 *  .7815 *
   * 1.9124 * 1.6024 * 1.6086 * 1.6454 * 1.6763 * 1.5917 * 1.6079 * 3.3082 *
   ************************************************************************
10 * 1.7673 * 1.8229 * 1.8694 * 1.7732 * 1.7163 * 1.7241 * 1.8262 *  .7827 *
   * 1.6603 * 1.6093 * 1.5731 * 1.6550 * 1.6964 * 1.6953 * 1.5961 * 3.3400 *
   ************************************************************************
11 * 1.5425 * 1.7788 * 1.7734 * 1.7327 * 1.6747 * 1.6227 * 1.1114 *  .5133 *
   * 1.8852 * 1.6454 * 1.6549 * 1.6901 * 1.7661 * 1.8047 * 2.4184 * 5.1311 *
   ************************************************************************
12 * 1.6943 * 1.7369 * 1.7186 * 1.6751 * 1.6460 * 1.6656 *  .8451 *
   * 1.7020 * 1.6731 * 1.6943 * 1.7658 * 1.8078 * 1.7728 * 3.1616 *
   ****************************************************************
13 * 1.5907 * 1.8289 * 1.7263 * 1.6239 * 1.6658 * 1.8254 *  .7537 *
   * 1.8123 * 1.5883 * 1.6933 * 1.8035 * 1.7721 * 1.6260 * 3.5573 *
   ****************************************************************
14 * 1.8308 * 1.8057 * 1.8287 * 1.1125 *  .8456 *  .7691 *
   * 1.5733 * 1.6051 * 1.5942 * 2.4160 * 3.1600 * 3.4896 *
   ********************************************************
15 *  .7502 *  .7823 *  .7835 *  .5138 * F-SUB-Q
   * 3.4833 * 3.3056 * 3.3372 * 5.1260 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6309 * 1.5066 * 1.7456 * 1.5227 * 1.6766 * 1.5724 * 1.8138 *  .7420 *
   * 1.6600 * 1.7898 * 1.5511 * 1.7592 * 1.5835 * 1.6887 * 1.4634 * 3.2505 *
   ************************************************************************
 9 * 1.5066 * 1.8067 * 1.8037 * 1.7600 * 1.7144 * 1.8088 * 1.7867 *  .7755 *
   * 1.7898 * 1.4966 * 1.5013 * 1.5357 * 1.5590 * 1.4780 * 1.4929 * 3.0763 *
   ************************************************************************
10 * 1.7456 * 1.8028 * 1.8492 * 1.7541 * 1.6992 * 1.7075 * 1.8111 *  .7757 *
   * 1.5511 * 1.5020 * 1.4681 * 1.5445 * 1.5826 * 1.5801 * 1.4856 * 3.1023 *
   ************************************************************************
11 * 1.5227 * 1.7599 * 1.7543 * 1.7147 * 1.6592 * 1.6076 * 1.1021 *  .5072 *
   * 1.7592 * 1.5357 * 1.5443 * 1.5767 * 1.6427 * 1.6798 * 2.2501 * 4.7988 *
   ************************************************************************
12 * 1.6766 * 1.7179 * 1.7015 * 1.6596 * 1.6310 * 1.6538 *  .8388 *
   * 1.5835 * 1.5559 * 1.5806 * 1.6424 * 1.6817 * 1.6478 * 2.9398 *
   ****************************************************************
13 * 1.5724 * 1.8130 * 1.7097 * 1.6088 * 1.6540 * 1.8138 *  .7481 *
   * 1.6887 * 1.4749 * 1.5782 * 1.6786 * 1.6471 * 1.5060 * 3.3051 *
   ****************************************************************
14 * 1.8138 * 1.7901 * 1.8136 * 1.1033 *  .8392 *  .7632 *
   * 1.4634 * 1.4902 * 1.4838 * 2.2478 * 2.9384 * 3.2429 *
   ********************************************************
15 *  .7420 *  .7762 *  .7765 *  .5077 * F-SUB-Q
   * 3.2505 * 3.0738 * 3.0994 * 4.7939 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5957 * 1.4775 * 1.7136 * 1.4954 * 1.6464 * 1.5459 * 1.7806 *  .7375 *
   * 1.6982 * 1.8273 * 1.5795 * 1.7904 * 1.6154 * 1.7210 * 1.4940 * 3.2835 *
   ************************************************************************
 9 * 1.4775 * 1.7709 * 1.7727 * 1.7263 * 1.6849 * 1.7808 * 1.7557 *  .7730 *
   * 1.8273 * 1.5275 * 1.5253 * 1.5652 * 1.5878 * 1.5031 * 1.5210 * 3.0979 *
   ************************************************************************
10 * 1.7136 * 1.7718 * 1.8170 * 1.7243 * 1.6675 * 1.6797 * 1.7805 *  .7731 *
   * 1.5795 * 1.5260 * 1.4934 * 1.5719 * 1.6122 * 1.6052 * 1.5086 * 3.1166 *
   ************************************************************************
11 * 1.4954 * 1.7263 * 1.7245 * 1.6818 * 1.6324 * 1.5777 * 1.0963 *  .5038 *
   * 1.7904 * 1.5653 * 1.5717 * 1.6130 * 1.6738 * 1.7178 * 2.2705 * 4.8406 *
   ************************************************************************
12 * 1.6464 * 1.6884 * 1.6698 * 1.6328 * 1.6049 * 1.6266 *  .8380 *
   * 1.6154 * 1.5847 * 1.6101 * 1.6734 * 1.7113 * 1.6795 * 2.9519 *
   ****************************************************************
13 * 1.5459 * 1.7850 * 1.6819 * 1.5790 * 1.6268 * 1.7850 *  .7452 *
   * 1.7210 * 1.4999 * 1.6031 * 1.7166 * 1.6787 * 1.5300 * 3.3260 *
   ****************************************************************
14 * 1.7806 * 1.7590 * 1.7829 * 1.0975 *  .8385 *  .7609 *
   * 1.4940 * 1.5183 * 1.5066 * 2.2681 * 2.9503 * 3.2608 *
   ********************************************************
15 *  .7375 *  .7737 *  .7739 *  .5043 * F-SUB-Q
   * 3.2835 * 3.0954 * 3.1138 * 4.8355 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6034 * 1.4738 * 1.7152 * 1.4933 * 1.6541 * 1.5450 * 1.7963 *  .7228 *
   * 1.5679 * 1.7042 * 1.4702 * 1.6746 * 1.5039 * 1.6110 * 1.3854 * 3.1391 *
   ************************************************************************
 9 * 1.4738 * 1.7814 * 1.7769 * 1.7378 * 1.6879 * 1.7890 * 1.7699 *  .7533 *
   * 1.7042 * 1.4163 * 1.4196 * 1.4513 * 1.4815 * 1.3987 * 1.4105 * 2.9783 *
   ************************************************************************
10 * 1.7152 * 1.7760 * 1.8221 * 1.7276 * 1.6789 * 1.6846 * 1.7949 *  .7550 *
   * 1.4702 * 1.4203 * 1.3891 * 1.4631 * 1.4946 * 1.4928 * 1.3957 * 2.9849 *
   ************************************************************************
11 * 1.4933 * 1.7378 * 1.7278 * 1.6927 * 1.6366 * 1.5900 * 1.0769 *  .4919 *
   * 1.6746 * 1.4513 * 1.4629 * 1.4933 * 1.5590 * 1.5895 * 2.1527 * 4.6241 *
   ************************************************************************
12 * 1.6541 * 1.6914 * 1.6812 * 1.6370 * 1.6087 * 1.6397 *  .8157 *
   * 1.5039 * 1.4786 * 1.4926 * 1.5586 * 1.5903 * 1.5531 * 2.8364 *
   ****************************************************************
13 * 1.5450 * 1.7932 * 1.6869 * 1.5912 * 1.6398 * 1.8015 *  .7300 *
   * 1.6110 * 1.3957 * 1.4908 * 1.5883 * 1.5531 * 1.4139 * 3.1755 *
   ****************************************************************
14 * 1.7963 * 1.7733 * 1.7974 * 1.0781 *  .8162 *  .7445 *
   * 1.3854 * 1.4079 * 1.3939 * 2.1504 * 2.8349 * 3.1166 *
   ********************************************************
15 *  .7228 *  .7540 *  .7557 *  .4924 * F-SUB-Q
   * 3.1391 * 2.9758 * 2.9822 * 4.6192 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5871 * 1.4583 * 1.7003 * 1.4783 * 1.6385 * 1.5303 * 1.7812 *  .7134 *
   * 1.4863 * 1.6212 * 1.3967 * 1.5957 * 1.4330 * 1.5351 * 1.3186 * 3.0073 *
   ************************************************************************
 9 * 1.4583 * 1.7658 * 1.7626 * 1.7232 * 1.6728 * 1.7757 * 1.7554 *  .7435 *
   * 1.6212 * 1.3465 * 1.3485 * 1.3796 * 1.4103 * 1.3291 * 1.3414 * 2.8525 *
   ************************************************************************
10 * 1.7003 * 1.7616 * 1.8073 * 1.7132 * 1.6643 * 1.6708 * 1.7802 *  .7452 *
   * 1.3967 * 1.3492 * 1.3194 * 1.3900 * 1.4212 * 1.4176 * 1.3253 * 2.8551 *
   ************************************************************************
11 * 1.4783 * 1.7231 * 1.7134 * 1.6778 * 1.6216 * 1.5755 * 1.0642 *  .4850 *
   * 1.5957 * 1.3797 * 1.3899 * 1.4187 * 1.4752 * 1.5070 * 2.0493 * 4.4217 *
   ************************************************************************
12 * 1.6385 * 1.6764 * 1.6667 * 1.6220 * 1.5938 * 1.6234 *  .8048 *
   * 1.4330 * 1.4074 * 1.4193 * 1.4749 * 1.5024 * 1.4736 * 2.6986 *
   ****************************************************************
13 * 1.5303 * 1.7799 * 1.6731 * 1.5768 * 1.6235 * 1.7844 *  .7198 *
   * 1.5351 * 1.3262 * 1.4157 * 1.5059 * 1.4734 * 1.3412 * 3.0273 *
   ****************************************************************
14 * 1.7812 * 1.7588 * 1.7827 * 1.0654 *  .8052 *  .7341 *
   * 1.3186 * 1.3390 * 1.3236 * 2.0471 * 2.6972 * 2.9715 *
   ********************************************************
15 *  .7134 *  .7443 *  .7460 *  .4855 * F-SUB-Q
   * 3.0073 * 2.8501 * 2.8526 * 4.4170 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5405 * 1.4283 * 1.6649 * 1.4473 * 1.5931 * 1.4989 * 1.7275 *  .7090 *
   * 1.4548 * 1.5746 * 1.3569 * 1.5521 * 1.4037 * 1.4927 * 1.2946 * 2.8867 *
   ************************************************************************
 9 * 1.4283 * 1.7170 * 1.7250 * 1.6755 * 1.6357 * 1.7355 * 1.7046 *  .7444 *
   * 1.5746 * 1.3180 * 1.3111 * 1.3504 * 1.3731 * 1.2941 * 1.3148 * 2.7180 *
   ************************************************************************
10 * 1.6649 * 1.7241 * 1.7674 * 1.6767 * 1.6173 * 1.6339 * 1.7283 *  .7444 *
   * 1.3569 * 1.3117 * 1.2834 * 1.3510 * 1.3918 * 1.3783 * 1.2978 * 2.7246 *
   ************************************************************************
11 * 1.4473 * 1.6754 * 1.6769 * 1.6303 * 1.5833 * 1.5279 * 1.0573 *  .4832 *
   * 1.5521 * 1.3505 * 1.3509 * 1.3888 * 1.4324 * 1.4758 * 1.9612 * 4.2287 *
   ************************************************************************
12 * 1.5931 * 1.6392 * 1.6195 * 1.5837 * 1.5562 * 1.5697 *  .8049 *
   * 1.4037 * 1.3703 * 1.3900 * 1.4321 * 1.4573 * 1.4403 * 2.5602 *
   ****************************************************************
13 * 1.4989 * 1.7396 * 1.6361 * 1.5291 * 1.5699 * 1.7238 *  .7139 *
   * 1.4927 * 1.2913 * 1.3765 * 1.4747 * 1.4401 * 1.3110 * 2.8900 *
   ****************************************************************
14 * 1.7275 * 1.7079 * 1.7307 * 1.0584 *  .8054 *  .7288 *
   * 1.2946 * 1.3124 * 1.2961 * 1.9592 * 2.5588 * 2.8338 *
   ********************************************************
15 *  .7090 *  .7451 *  .7451 *  .4837 * F-SUB-Q
   * 2.8867 * 2.7159 * 2.7223 * 4.2244 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5324	1.4214	1.6573	1.4391	1.5777	1.4892	1.7127	.6943
	1.4037	1.5194	1.3086	1.4995	1.3634	1.4431	1.2541	2.8369
9	1.4214	1.7022	1.7151	1.6617	1.6263	1.7236	1.6873	.7249
	1.5194	1.2769	1.2658	1.3076	1.3263	1.2508	1.2753	2.6858
10	1.6573	1.7142	1.7559	1.6681	1.6039	1.6244	1.7083	.7227
	1.3086	1.2665	1.2400	1.3034	1.3477	1.3311	1.2599	2.6995
11	1.4391	1.6617	1.6682	1.6168	1.5718	1.5155	1.0312	.4713
	1.4995	1.3076	1.3033	1.3444	1.3824	1.4270	1.9307	4.1711
12	1.5777	1.6297	1.6061	1.5722	1.5441	1.5512	.7819	
	1.3634	1.3236	1.3460	1.3820	1.4067	1.3958	2.5284	
13	1.4892	1.7276	1.6266	1.5167	1.5519	1.6927	.6905	
	1.4431	1.2480	1.3294	1.4259	1.3952	1.2762	2.8629	
14	1.7127	1.6905	1.7106	1.0323	.7823	.7041		
	1.2541	1.2730	1.2583	1.9287	2.5272	2.8105		
15	.6943	.7256	.7235	.4718	F-SUB-Q			
	2.8369	2.6835	2.6971	4.1669	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.4811	1.3721	1.5825	1.3879	1.5153	1.4288	1.6332	.6849
	1.3594	1.5241	1.3263	1.5057	1.3304	1.4562	1.2732	2.7907
9	1.3721	1.6182	1.6405	1.5812	1.5577	1.6427	1.6067	.7103
	1.5241	1.3004	1.2807	1.3299	1.3399	1.2699	1.2963	2.6597
10	1.5825	1.6397	1.6648	1.6001	1.5274	1.5526	1.6170	.7003
	1.3263	1.2813	1.2655	1.3142	1.3703	1.3478	1.2881	2.7035
11	1.3879	1.5812	1.6004	1.5381	1.5019	1.4528	.9964	.4536
	1.5057	1.3299	1.3140	1.3677	1.3988	1.4022	1.9363	4.2093
12	1.5153	1.5607	1.5293	1.5022	1.4686	1.4836	.7670	
	1.3304	1.3374	1.3686	1.3984	1.4299	1.4100	2.4967	
13	1.4288	1.6465	1.5546	1.4539	1.4843	1.5802	.6585	
	1.4562	1.2671	1.3461	1.4013	1.4093	1.3207	2.9087	
14	1.6332	1.6097	1.6192	.9973	.7674	.6707		
	1.2732	1.2940	1.2865	1.9345	2.4954	2.8582		
15	.6849	.7110	.7010	.4541	F-SUB-Q			
	2.7907	2.6576	2.7012	4.2051	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4896	1.2044	1.3333	1.2086	1.5214	1.2264	1.5182	.6195
	1.3594	1.6855	1.5340	1.6798	1.3304	1.6529	1.3342	3.0176
9	1.2044	1.4656	1.4054	1.5011	1.3101	1.3971	1.5282	.6464
	1.6855	1.3940	1.4548	1.3589	1.5533	1.4542	1.3266	2.8581
10	1.3333	1.4048	1.3562	1.3743	1.3921	1.3143	1.4255	.6176
	1.5340	1.4555	1.5128	1.4889	1.4645	1.5511	1.4239	2.9979
11	1.2086	1.5013	1.3745	1.3841	1.2710	1.4509	.8808	.3944
	1.6798	1.3587	1.4887	1.4767	1.6088	1.4022	2.1380	4.7416
12	1.5214	1.3112	1.3932	1.2715	1.1948	1.4308	.7039	
	1.3304	1.5520	1.4634	1.6081	1.7117	1.4232	2.6574	
13	1.2264	1.4001	1.3159	1.4519	1.4315	1.2945	.5603	
	1.6529	1.4512	1.5492	1.4013	1.4225	1.5722	3.3413	
14	1.5182	1.5305	1.4273	.8817	.7043	.5707		
	1.3342	1.3246	1.4222	2.1359	2.6559	3.2832		
15	.6195	.6471	.6182	.3948	F-SUB-Q			
	3.0176	2.8553	2.9954	4.7370	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.6369	.5450	.5455	.5460	.6446	.5385	.5672	.2780
	3.1140	3.6490	3.6596	3.6391	3.0747	3.6848	3.4930	6.5974
9	.5450	.6236	.5728	.6411	.5439	.5524	.5685	.2831
	3.6490	3.1957	3.4855	3.1051	3.6538	3.5950	3.4870	6.4018
10	.5455	.5726	.5369	.5685	.6176	.5358	.5221	.2648
	3.6596	3.4867	3.7260	3.5093	3.2255	3.7163	3.8024	6.8606
11	.5460	.6413	.5688	.6100	.5213	.5698	.3847	.1767
	3.6391	3.1044	3.5079	3.2731	3.8297	3.4923	4.7948	10.3958
12	.6446	.5443	.6180	.5215	.4815	.5346	.3066	
	3.0747	3.6511	3.2234	3.8283	4.1471	3.7247	5.9835	
13	.5385	.5535	.5364	.5702	.5349	.4648	.2359	
	3.6848	3.5881	3.7122	3.4899	3.7228	4.2840	7.7847	
14	.5672	.5693	.5228	.3850	.3068	.2397		
	3.4930	3.4820	3.7979	4.7908	5.9792	7.6690		
15	.2780	.2834	.2650	.1769	F-SUB-Q			
	6.5974	6.3963	6.8542	10.3851	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.4048	.4615	.4967	.5168	.5997	.5125	.5209	.2809
	3.6518	4.2005	4.0373	3.8405	3.3012	3.8729	3.8615	6.5596
9	.4615	.5514	.5218	.5893	.5126	.5054	.5168	.2804
	4.2005	3.6932	3.8582	3.3837	3.8676	3.9309	3.8933	6.4912
10	.4967	.5217	.4896	.5158	.5583	.4778	.4647	.2560
	4.0373	3.8589	4.1756	3.8837	3.5564	4.1333	4.2401	6.9955
11	.5168	.5894	.5159	.5323	.4437	.4586	.3342	.1787
	3.8405	3.3829	3.8826	3.7953	4.5045	4.2402	5.4313	10.0179
12	.5997	.5128	.5586	.4438	.3333	.3569	.2421	
	3.3012	3.8656	3.5546	4.5033	4.8236	4.4611	6.7877	
13	.5125	.5064	.4782	.4588	.3569	.2942	.1692	
	3.8729	3.9229	4.1300	4.2390	4.4608	5.0066	8.7983	
14	.5209	.5176	.4652	.3343	.2421	.1729		
	3.8615	3.8884	4.2367	5.4293	6.7895	8.6109		
15	.2809	.2806	.2562	.1788	F-SUB-Q			
	6.5596	6.4891	6.9925	10.0132	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.8670	.9828	1.1460	1.1031	1.3230	1.1130	1.2955	.6225
	1.7030	2.0225	1.8077	1.8581	1.5448	1.8386	1.5991	3.0533
9	.9828	1.1994	1.2020	1.2880	1.1801	1.1933	1.2896	.6399
	2.0225	1.7458	1.7251	1.6002	1.7377	1.7186	1.5924	2.9098
10	1.1460	1.2018	1.1607	1.1776	1.1772	1.1143	1.1748	.5956
	1.8077	1.7255	1.8091	1.7601	1.7480	1.8324	1.7298	3.0956
11	1.1031	1.2882	1.1777	1.1140	1.0022	1.0921	.7532	.3935
	1.8581	1.5999	1.7596	1.8692	2.0036	1.8186	2.4904	4.7025
12	1.3230	1.1808	1.1776	1.0025	.7459	.8909	.5556	
	1.5448	1.7368	1.7473	2.0032	2.0883	1.8185	3.0260	
13	1.1130	1.1956	1.1153	1.0925	.8911	.7692	.4101	
	1.8386	1.7154	1.8308	1.8181	1.8183	2.0234	3.7231	
14	1.2955	1.2911	1.1757	.7534	.5556	.4124		
	1.5991	1.5906	1.7285	2.4896	3.0267	3.7033		
15	.6225	.6404	.5958	.3936	F-SUB-Q			
	3.0533	2.9080	3.0947	4.7006	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.9859	1.1712	1.3766	1.2934	1.4201	1.3352	1.4509	.7206
	1.6479	1.7712	1.5427	1.6260	1.4738	1.5671	1.4397	2.6545
9	1.1712	1.3878	1.4253	1.3880	1.4246	1.4387	1.4152	.7500
	1.7712	1.5377	1.4898	1.5165	1.4727	1.4531	1.4748	2.5173
10	1.3766	1.4251	1.4322	1.3981	1.3418	1.3419	1.3781	.7131
	1.5427	1.4901	1.4861	1.5170	1.5717	1.5609	1.5098	2.6428
11	1.2934	1.3883	1.3983	1.3071	1.1993	1.1736	.9016	.4693
	1.6260	1.5161	1.5168	1.6247	1.6939	1.7438	2.1390	4.0483
12	1.4201	1.4263	1.3424	1.1996	.9054	.9831	.6504	
	1.4738	1.4710	1.5710	1.6937	1.7180	1.7051	2.6520	
13	1.3352	1.4413	1.3431	1.1742	.9834	.9664	.5016	
	1.5671	1.4506	1.5596	1.7433	1.7048	1.6632	3.1320	
14	1.4509	1.4172	1.3792	.9018	.6504	.5103		
	1.4397	1.4728	1.5085	2.1385	2.6523	3.0795		
15	.7206	.7505	.7135	.4695	F-SUB-Q			
	2.6545	2.5158	2.6419	4.0466	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1019	1.2807	1.5124	1.4061	1.5862	1.4660	1.6282	.7611
	1.5380	1.6875	1.4479	1.5410	1.3570	1.4658	1.3141	2.5727
9	1.2807	1.5458	1.5684	1.5383	1.5701	1.6000	1.5906	.7912
	1.6875	1.4233	1.3949	1.4098	1.3748	1.3407	1.3463	2.4448
10	1.5124	1.5681	1.5842	1.5367	1.4890	1.4873	1.5569	.7613
	1.4479	1.3952	1.3827	1.4217	1.4534	1.4515	1.3750	2.5463
11	1.4061	1.5388	1.5369	1.4582	1.3218	1.3171	.9754	.5009
	1.5410	1.4093	1.4215	1.5031	1.5756	1.6056	2.0467	3.9177
12	1.5862	1.5721	1.4905	1.3222	.9985	1.1083	.6960	
	1.3570	1.3730	1.4520	1.5754	1.5921	1.5655	2.5769	
13	1.4660	1.6029	1.4887	1.3178	1.1087	1.1241	.5510	
	1.4658	1.3383	1.4501	1.6050	1.5652	1.4948	2.9813	
14	1.6282	1.5928	1.5583	.9757	.6961	.5621		
	1.3141	1.3444	1.3738	2.0460	2.5769	2.9238		
15	.7611	.7918	.7616	.5011	F-SUB-Q			
	2.5727	2.4432	2.5455	3.9158	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1789 * 1.3393 * 1.5739 * 1.4640 * 1.6760 * 1.5284 * 1.7214 *  .7899 *
   * 1.5173 * 1.6882 * 1.4465 * 1.5316 * 1.3272 * 1.4540 * 1.2854 * 2.5645 *
   ************************************************************************
 9 * 1.3393 * 1.6288 * 1.6393 * 1.6203 * 1.6397 * 1.6800 * 1.6856 *  .8242 *
   * 1.6882 * 1.4087 * 1.3872 * 1.3852 * 1.3607 * 1.3211 * 1.3151 * 2.4290 *
   ************************************************************************
10 * 1.5739 * 1.6390 * 1.6542 * 1.6068 * 1.5732 * 1.5619 * 1.6554 *  .7954 *
   * 1.4465 * 1.3875 * 1.3779 * 1.4136 * 1.4248 * 1.4307 * 1.3384 * 2.5240 *
   ************************************************************************
11 * 1.4640 * 1.6208 * 1.6071 * 1.5409 * 1.4010 * 1.4085 * 1.0305 *  .5209 *
   * 1.5316 * 1.3848 * 1.4134 * 1.4831 * 1.5568 * 1.5662 * 2.0134 * 3.9030 *
   ************************************************************************
12 * 1.6760 * 1.6419 * 1.5748 * 1.4015 * 1.0712 * 1.2110 *  .7440 *
   * 1.3272 * 1.3589 * 1.4234 * 1.5566 * 1.5731 * 1.5262 * 2.5510 *
   ***************************************************************
13 * 1.5284 * 1.6831 * 1.5635 * 1.4093 * 1.2115 * 1.2463 *  .5969 *
   * 1.4540 * 1.3187 * 1.4292 * 1.5656 * 1.5258 * 1.4464 * 2.9426 *
   ***************************************************************
14 * 1.7214 * 1.6881 * 1.6570 * 1.0309 *  .7441 *  .6097 *
   * 1.2854 * 1.3132 * 1.3372 * 2.0125 * 2.5508 * 2.8823 *
   ******************************************************
15 *  .7899 *  .8248 *  .7958 *  .5212 * F-SUB-Q
   * 2.5645 * 2.4275 * 2.5230 * 3.9009 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2962 * 1.3902 * 1.6142 * 1.5002 * 1.7279 * 1.5656 * 1.7762 *  .8127 *
   * 1.5365 * 1.7195 * 1.4723 * 1.5539 * 1.3349 * 1.4700 * 1.2866 * 2.5752 *
   ************************************************************************
 9 * 1.3902 * 1.6827 * 1.6856 * 1.6691 * 1.6813 * 1.7293 * 1.7434 *  .8496 *
   * 1.7195 * 1.4258 * 1.4063 * 1.3978 * 1.3771 * 1.3266 * 1.3142 * 2.4349 *
   ************************************************************************
10 * 1.6142 * 1.6852 * 1.6998 * 1.6537 * 1.6273 * 1.6132 * 1.7191 *  .8217 *
   * 1.4723 * 1.4067 * 1.3962 * 1.4312 * 1.4364 * 1.4449 * 1.3400 * 2.5331 *
   ************************************************************************
11 * 1.5002 * 1.6697 * 1.6540 * 1.5980 * 1.4763 * 1.4835 * 1.0788 *  .5376 *
   * 1.5539 * 1.3973 * 1.4310 * 1.4973 * 1.5712 * 1.5666 * 2.0257 * 3.9586 *
   ************************************************************************
12 * 1.7279 * 1.6837 * 1.6290 * 1.4769 * 1.1823 * 1.3342 *  .7981 *
   * 1.3349 * 1.3752 * 1.4349 * 1.5709 * 1.5894 * 1.5316 * 2.5586 *
   ***************************************************************
13 * 1.5656 * 1.7325 * 1.6148 * 1.4844 * 1.3347 * 1.3821 *  .6493 *
   * 1.4700 * 1.3241 * 1.4433 * 1.5658 * 1.5312 * 1.4495 * 2.9642 *
   ***************************************************************
14 * 1.7762 * 1.7460 * 1.7207 * 1.0793 *  .7983 *  .6631 *
   * 1.2866 * 1.3122 * 1.3387 * 2.0247 * 2.5581 * 2.9039 *
   ******************************************************
15 *  .8127 *  .8503 *  .8221 *  .5379 * F-SUB-Q
   * 2.5752 * 2.4333 * 2.5319 * 3.9561 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5062	1.4513	1.6622	1.5372	1.7826	1.6022	1.8364	.8250
	1.5509	1.7481	1.5118	1.5936	1.3563	1.5039	1.2992	2.6462
9	1.4513	1.7451	1.7365	1.7239	1.7258	1.7813	1.8054	.8612
	1.7481	1.4555	1.4401	1.4228	1.4072	1.3468	1.3274	2.5071
10	1.6622	1.7360	1.7514	1.7054	1.6877	1.6692	1.7879	.8357
	1.5118	1.4404	1.4287	1.4639	1.4598	1.4703	1.3544	2.6109
11	1.5372	1.7240	1.7056	1.6637	1.5666	1.5826	1.1158	.5481
	1.5936	1.4223	1.4637	1.5250	1.5871	1.5657	2.0855	4.1050
12	1.7826	1.7283	1.6895	1.5671	1.4035	1.5068	.8441	
	1.3563	1.4052	1.4582	1.5868	1.6079	1.5383	2.6233	
13	1.6022	1.7847	1.6709	1.5835	1.5074	1.5523	.6996	
	1.5039	1.3444	1.4687	1.5649	1.5378	1.4501	3.0264	
14	1.8364	1.8082	1.7897	1.1165	.8444	.7146		
	1.2992	1.3253	1.3530	2.0842	2.6227	2.9642		
15	.8250	.8619	.8362	.5484	F-SUB-Q			
	2.6462	2.5055	2.6096	4.1022	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6698	1.4979	1.7020	1.5616	1.8177	1.6266	1.8757	.8363
	1.5935	1.8043	1.5815	1.6644	1.4081	1.5669	1.3424	2.7525
9	1.4979	1.7875	1.7718	1.7623	1.7553	1.8178	1.8470	.8718
	1.8043	1.5178	1.5030	1.4796	1.4655	1.3946	1.3712	2.6127
10	1.7020	1.7713	1.7875	1.7418	1.7292	1.7099	1.8367	.8485
	1.5815	1.5034	1.4903	1.5263	1.5152	1.5253	1.3992	2.7223
11	1.5616	1.7623	1.7421	1.7105	1.6361	1.6594	1.1488	.5584
	1.6644	1.4791	1.5260	1.5864	1.6161	1.5920	2.1602	4.2945
12	1.8177	1.7579	1.7311	1.6367	1.5649	1.6385	.8863	
	1.4081	1.4632	1.5134	1.6157	1.6393	1.5619	2.6808	
13	1.6266	1.8212	1.7117	1.6604	1.6391	1.6893	.7447	
	1.5669	1.3919	1.5235	1.5912	1.5614	1.4737	3.1014	
14	1.8757	1.8499	1.8385	1.1495	.8866	.7605		
	1.3424	1.3690	1.3977	2.1589	2.6800	3.0381		
15	.8363	.8724	.8490	.5588	F-SUB-Q			
	2.7525	2.6110	2.7207	4.2913	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7346 * 1.5371 * 1.7336 * 1.5822 * 1.8507 * 1.6478 * 1.9128 *  .8421 *
   * 1.6654 * 1.8893 * 1.6692 * 1.7551 * 1.4753 * 1.6488 * 1.4004 * 2.9049 *
   ************************************************************************
 9 * 1.5371 * 1.8247 * 1.8023 * 1.7977 * 1.7817 * 1.8510 * 1.8857 *  .8754 *
   * 1.8893 * 1.5891 * 1.5828 * 1.5522 * 1.5404 * 1.4585 * 1.4303 * 2.7657 *
   ************************************************************************
10 * 1.7336 * 1.8017 * 1.8193 * 1.7737 * 1.7673 * 1.7457 * 1.8812 *  .8555 *
   * 1.6692 * 1.5833 * 1.5685 * 1.6059 * 1.5861 * 1.5978 * 1.4593 * 2.8774 *
   ************************************************************************
11 * 1.5822 * 1.7977 * 1.7740 * 1.7519 * 1.6884 * 1.7213 * 1.1716 *  .5640 *
   * 1.7551 * 1.5516 * 1.6056 * 1.6430 * 1.6699 * 1.6390 * 2.2335 * 4.5542 *
   ************************************************************************
12 * 1.8507 * 1.7844 * 1.7693 * 1.6890 * 1.6392 * 1.7224 *  .9127 *
   * 1.4753 * 1.5380 * 1.5843 * 1.6693 * 1.6979 * 1.6075 * 2.7954 *
   ****************************************************************
13 * 1.6478 * 1.8545 * 1.7475 * 1.7223 * 1.7230 * 1.7888 *  .7753 *
   * 1.6488 * 1.4557 * 1.5959 * 1.6381 * 1.6070 * 1.5111 * 3.2210 *
   ****************************************************************
14 * 1.9128 * 1.8887 * 1.8832 * 1.1724 *  .9130 *  .7919 *
   * 1.4004 * 1.4280 * 1.4577 * 2.2320 * 2.7944 * 3.1546 *
   ********************************************************
15 *  .8421 *  .8761 *  .8561 *  .5644 * F-SUB-Q
   * 2.9049 * 2.7640 * 2.8756 * 4.5507 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7337 * 1.5398 * 1.7272 * 1.5747 * 1.8386 * 1.6419 * 1.9013 *  .8507 *
   * 1.7774 * 2.0039 * 1.7761 * 1.8941 * 1.5942 * 1.7756 * 1.5091 * 3.0761 *
   ************************************************************************
 9 * 1.5398 * 1.8138 * 1.7957 * 1.7877 * 1.7743 * 1.8475 * 1.8782 *  .8897 *
   * 2.0039 * 1.6894 * 1.7038 * 1.6791 * 1.6605 * 1.5663 * 1.5390 * 2.9114 *
   ************************************************************************
10 * 1.7272 * 1.7952 * 1.8136 * 1.7695 * 1.7610 * 1.7453 * 1.8782 *  .8695 *
   * 1.7761 * 1.7043 * 1.6833 * 1.7215 * 1.7110 * 1.7162 * 1.5694 * 3.0339 *
   ************************************************************************
11 * 1.5747 * 1.7877 * 1.7698 * 1.7470 * 1.6976 * 1.7303 * 1.1933 *  .5719 *
   * 1.8941 * 1.6785 * 1.7213 * 1.7405 * 1.7690 * 1.7276 * 2.3161 * 4.7816 *
   ************************************************************************
12 * 1.8386 * 1.7771 * 1.7630 * 1.6979 * 1.6594 * 1.7428 *  .9420 *
   * 1.5942 * 1.6579 * 1.7090 * 1.7684 * 1.8036 * 1.7077 * 2.8992 *
   ****************************************************************
13 * 1.6419 * 1.8510 * 1.7472 * 1.7313 * 1.7434 * 1.8192 *  .8012 *
   * 1.7756 * 1.5633 * 1.7142 * 1.7266 * 1.7070 * 1.6033 * 3.3591 *
   ****************************************************************
14 * 1.9013 * 1.8812 * 1.8803 * 1.1941 *  .9424 *  .8188 *
   * 1.5091 * 1.5365 * 1.5676 * 2.3145 * 2.8981 * 3.2879 *
   ********************************************************
15 *  .8507 *  .8904 *  .8701 *  .5723 * F-SUB-Q
   * 3.0761 * 2.9095 * 3.0319 * 4.7780 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7644 * 1.5515 * 1.7468 * 1.5899 * 1.8717 * 1.6580 * 1.9417 *  .8462 *
   * 1.8553 * 2.1097 * 1.8655 * 2.0224 * 1.6868 * 1.8932 * 1.5886 * 3.3191 *
   ************************************************************************
 9 * 1.5515 * 1.8444 * 1.8187 * 1.8200 * 1.7969 * 1.8785 * 1.9181 *  .8801 *
   * 2.1097 * 1.7638 * 1.7871 * 1.7766 * 1.7654 * 1.6569 * 1.6202 * 3.1586 *
   ************************************************************************
10 * 1.7468 * 1.8181 * 1.8385 * 1.7939 * 1.7960 * 1.7738 * 1.9213 *  .8619 *
   * 1.8655 * 1.7877 * 1.7635 * 1.8035 * 1.7847 * 1.8006 * 1.6449 * 3.2865 *
   ************************************************************************
11 * 1.5899 * 1.8200 * 1.7942 * 1.7814 * 1.7337 * 1.7751 * 1.1939 *  .5683 *
   * 2.0224 * 1.7759 * 1.8032 * 1.8114 * 1.8340 * 1.7868 * 2.4563 * 5.1008 *
   ************************************************************************
12 * 1.8717 * 1.7998 * 1.7981 * 1.7340 * 1.6970 * 1.7939 *  .9402 *
   * 1.6868 * 1.7625 * 1.7827 * 1.8334 * 1.8712 * 1.7614 * 3.0783 *
   ****************************************************************
13 * 1.6580 * 1.8822 * 1.7758 * 1.7762 * 1.7947 * 1.8830 *  .8060 *
   * 1.8932 * 1.6536 * 1.7987 * 1.7857 * 1.7607 * 1.6559 * 3.5621 *
   ****************************************************************
14 * 1.9417 * 1.9213 * 1.9234 * 1.1948 *  .9406 *  .8229 *
   * 1.5886 * 1.6176 * 1.6431 * 2.4545 * 3.0772 * 3.4895 *
   ********************************************************
15 *  .8462 *  .8808 *  .8625 *  .5688 * F-SUB-Q
   * 3.3191 * 3.1565 * 3.2842 * 5.0969 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7591 * 1.5426 * 1.7395 * 1.5843 * 1.8715 * 1.6539 * 1.9456 *  .8442 *
   * 1.9086 * 2.1692 * 1.9161 * 2.0907 * 1.7672 * 1.9989 * 1.6991 * 3.5735 *
   ************************************************************************
 9 * 1.5426 * 1.8400 * 1.8142 * 1.8184 * 1.7939 * 1.8815 * 1.9230 *  .8779 *
   * 2.1692 * 1.8106 * 1.8346 * 1.8305 * 1.8474 * 1.7614 * 1.7232 * 3.4011 *
   ************************************************************************
10 * 1.7395 * 1.8135 * 1.8350 * 1.7912 * 1.7980 * 1.7754 * 1.9285 *  .8600 *
   * 1.9161 * 1.8352 * 1.8157 * 1.8596 * 1.8495 * 1.8749 * 1.7244 * 3.5185 *
   ************************************************************************
11 * 1.5843 * 1.8184 * 1.7915 * 1.7820 * 1.7399 * 1.7844 * 1.1953 *  .5670 *
   * 2.0907 * 1.8305 * 1.8593 * 1.8720 * 1.9328 * 1.8771 * 2.5815 * 5.4173 *
   ************************************************************************
12 * 1.8715 * 1.7968 * 1.8001 * 1.7402 * 1.7047 * 1.8074 *  .9434 *
   * 1.7672 * 1.8444 * 1.8474 * 1.9320 * 1.9799 * 1.8613 * 3.2638 *
   ****************************************************************
13 * 1.6539 * 1.8852 * 1.7774 * 1.7855 * 1.8081 * 1.9043 *  .8106 *
   * 1.9989 * 1.7580 * 1.8728 * 1.8759 * 1.8606 * 1.7432 * 3.7672 *
   ****************************************************************
14 * 1.9456 * 1.9262 * 1.9307 * 1.1962 *  .9438 *  .8274 *
   * 1.6991 * 1.7203 * 1.7225 * 2.5793 * 3.2626 * 3.6915 *
   ********************************************************
15 *  .8442 *  .8786 *  .8607 *  .5674 * F-SUB-Q
   * 3.5735 * 3.3987 * 3.5157 * 5.4124 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7236	1.5177	1.7096	1.5596	1.8412	1.6316	1.9172	.8423
	1.9143	2.1685	1.9149	2.0841	1.7607	1.9845	1.6875	3.5168
9	1.5177	1.8065	1.7861	1.7877	1.7683	1.8598	1.8975	.8793
	2.1685	1.8120	1.8302	1.8293	1.8386	1.7473	1.7126	3.3343
10	1.7096	1.7854	1.8073	1.7653	1.7714	1.7538	1.9047	.8615
	1.9149	1.8309	1.8113	1.8542	1.8444	1.8652	1.7155	3.4443
11	1.5596	1.7877	1.7655	1.7539	1.7214	1.7631	1.1960	.5651
	2.0841	1.8293	1.8539	1.8704	1.9257	1.8712	2.5375	5.3373
12	1.8412	1.7712	1.7735	1.7218	1.6882	1.7894	.9490	
	1.7607	1.8357	1.8422	1.9247	1.9741	1.8600	3.2109	
13	1.6316	1.8635	1.7558	1.7643	1.7902	1.8901	.8147	
	1.9845	1.7439	1.8631	1.8700	1.8592	1.7714	3.7693	
14	1.9172	1.9007	1.9069	1.1970	.9495	.8322		
	1.6875	1.7097	1.7135	2.5352	3.2093	3.6915		
15	.8423	.8800	.8622	.5656	F-SUB-Q			
	3.5168	3.3320	3.4417	5.3324	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.7242	1.5035	1.7042	1.5544	1.8498	1.6271	1.9343	.8285
	1.8681	2.1230	1.8650	2.0214	1.6934	1.9190	1.6107	3.4289
9	1.5035	1.8108	1.7845	1.7948	1.7682	1.8682	1.9139	.8601
	2.1230	1.7532	1.7774	1.7658	1.7807	1.6828	1.6425	3.2678
10	1.7042	1.7838	1.8073	1.7650	1.7819	1.7582	1.9227	.8439
	1.8650	1.7781	1.7594	1.8013	1.7779	1.8071	1.6495	3.3655
11	1.5544	1.7948	1.7652	1.7621	1.7292	1.7782	1.1794	.5536
	2.0214	1.7651	1.8010	1.8067	1.8691	1.8057	2.4810	5.1792
12	1.8498	1.7712	1.7841	1.7299	1.6949	1.8073	.9301	
	1.6934	1.7778	1.7758	1.8681	1.9220	1.7940	3.1514	
13	1.6271	1.8720	1.7602	1.7794	1.8081	1.9168	.8036	
	1.9190	1.6795	1.8051	1.8046	1.7933	1.7041	3.6708	
14	1.9343	1.9172	1.9249	1.1805	.9306	.8200		
	1.6107	1.6397	1.6476	2.4789	3.1500	3.5987		
15	.8285	.8608	.8446	.5541	F-SUB-Q			
	3.4289	3.2654	3.3630	5.1746	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7021	1.4790	1.6810	1.5348	1.8340	1.6083	1.9240	.8169
	1.7198	1.9628	1.7246	1.8717	1.5669	1.7826	1.4896	3.1831
9	1.4790	1.7910	1.7639	1.7779	1.7498	1.8556	1.9042	.8451
	1.9628	1.6173	1.6437	1.6298	1.6493	1.5580	1.5157	3.0421
10	1.6810	1.7632	1.7876	1.7458	1.7684	1.7432	1.9141	.8305
	1.7246	1.6444	1.6257	1.6635	1.6365	1.6657	1.5155	3.1277
11	1.5348	1.7778	1.7460	1.7464	1.7175	1.7685	1.1643	.5440
	1.8717	1.6291	1.6633	1.6631	1.7149	1.6520	2.2909	4.8152
12	1.8340	1.7529	1.7705	1.7183	1.6827	1.7999	.9160	
	1.5669	1.6466	1.6346	1.7140	1.7643	1.6410	2.9096	
13	1.6083	1.8594	1.7453	1.7698	1.8007	1.9153	.7941	
	1.7826	1.5550	1.6639	1.6509	1.6404	1.5552	3.3813	
14	1.9240	1.9075	1.9165	1.1654	.9164	.8102		
	1.4896	1.5133	1.5138	2.2888	2.9083	3.3155		
15	.8169	.8458	.8312	.5445	F-SUB-Q			
	3.1831	3.0401	3.1254	4.8108	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6681	1.4478	1.6491	1.5065	1.8043	1.5809	1.8966	.8043
	1.6095	1.8408	1.6166	1.7496	1.4603	1.6638	1.3876	2.9731
9	1.4478	1.7588	1.7333	1.7480	1.7207	1.8301	1.8782	.8348
	1.8408	1.5153	1.5389	1.5223	1.5374	1.4487	1.4090	2.8312
10	1.6491	1.7325	1.7571	1.7163	1.7413	1.7170	1.8891	.8192
	1.6166	1.5395	1.5219	1.5570	1.5298	1.5559	1.4124	2.9098
11	1.5065	1.7480	1.7165	1.7180	1.6931	1.7440	1.1492	.5350
	1.7496	1.5217	1.5568	1.5556	1.5975	1.5378	2.1339	4.5099
12	1.8043	1.7237	1.7435	1.6939	1.6587	1.7767	.9057	
	1.4603	1.5349	1.5281	1.5971	1.6414	1.5237	2.7005	
13	1.5809	1.8339	1.7190	1.7453	1.7775	1.8944	.7846	
	1.6638	1.4460	1.5542	1.5368	1.5230	1.4376	3.1350	
14	1.8966	1.8815	1.8914	1.1503	.9062	.8004		
	1.3876	1.4067	1.4108	2.1319	2.6993	3.0746		
15	.8043	.8356	.8200	.5356	F-SUB-Q			
	2.9731	2.8291	2.9074	4.5057	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6188 * 1.4126 * 1.6054 * 1.4683 * 1.7565 * 1.5436 * 1.8482 *  .7938 *
   * 1.6539 * 1.8848 * 1.6579 * 1.7897 * 1.4967 * 1.7012 * 1.4220 * 3.0141 *
   ************************************************************************
 9 * 1.4126 * 1.7094 * 1.6894 * 1.7008 * 1.6783 * 1.7887 * 1.8320 *  .8269 *
   * 1.8848 * 1.5576 * 1.5740 * 1.5607 * 1.5723 * 1.4788 * 1.4409 * 2.8593 *
   ************************************************************************
10 * 1.6054 * 1.6886 * 1.7127 * 1.6734 * 1.6961 * 1.6765 * 1.8434 *  .8111 *
   * 1.6579 * 1.5746 * 1.5584 * 1.5940 * 1.5661 * 1.5886 * 1.4405 * 2.9328 *
   ************************************************************************
11 * 1.4683 * 1.7008 * 1.6737 * 1.6719 * 1.6539 * 1.7006 * 1.1351 *  .5277 *
   * 1.7897 * 1.5601 * 1.5938 * 1.5995 * 1.6327 * 1.5763 * 2.1610 * 4.5663 *
   ************************************************************************
12 * 1.7565 * 1.6813 * 1.6983 * 1.6546 * 1.6205 * 1.7340 *  .8983 *
   * 1.4967 * 1.5697 * 1.5642 * 1.6321 * 1.6766 * 1.5576 * 2.7221 *
   ****************************************************************
13 * 1.5436 * 1.7923 * 1.6785 * 1.7018 * 1.7348 * 1.8514 *  .7764 *
   * 1.7012 * 1.4760 * 1.5867 * 1.5752 * 1.5569 * 1.4645 * 3.1624 *
   ****************************************************************
14 * 1.8482 * 1.8352 * 1.8457 * 1.1362 *  .8988 *  .7925 *
   * 1.4220 * 1.4385 * 1.4388 * 2.1589 * 2.7208 * 3.0995 *
   ********************************************************
15 *  .7938 *  .8276 *  .8119 *  .5282 * F-SUB-Q
   * 3.0141 * 2.8572 * 2.9305 * 4.5620 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6070 * 1.3870 * 1.5877 * 1.4495 * 1.7475 * 1.5236 * 1.8450 *  .7705 *
   * 1.5376 * 1.7764 * 1.5562 * 1.6889 * 1.4017 * 1.6067 * 1.3281 * 2.9001 *
   ************************************************************************
 9 * 1.3870 * 1.7000 * 1.6735 * 1.6927 * 1.6617 * 1.7774 * 1.8278 *  .7972 *
   * 1.7764 * 1.4553 * 1.4772 * 1.4613 * 1.4796 * 1.3864 * 1.3453 * 2.7694 *
   ************************************************************************
10 * 1.5877 * 1.6726 * 1.6972 * 1.6574 * 1.6887 * 1.6624 * 1.8398 *  .7837 *
   * 1.5562 * 1.4779 * 1.4619 * 1.4960 * 1.4632 * 1.4891 * 1.3416 * 2.8298 *
   ************************************************************************
11 * 1.4495 * 1.6927 * 1.6576 * 1.6636 * 1.6406 * 1.6939 * 1.1038 *  .5099 *
   * 1.6889 * 1.4607 * 1.4958 * 1.4934 * 1.5311 * 1.4710 * 2.0629 * 4.3948 *
   ************************************************************************
12 * 1.7475 * 1.6647 * 1.6909 * 1.6413 * 1.6063 * 1.7282 *  .8656 *
   * 1.4017 * 1.4770 * 1.4615 * 1.5305 * 1.5690 * 1.4537 * 2.6322 *
   ****************************************************************
13 * 1.5236 * 1.7812 * 1.6644 * 1.6952 * 1.7290 * 1.8503 *  .7529 *
   * 1.6067 * 1.3837 * 1.4873 * 1.4700 * 1.4531 * 1.3627 * 3.0402 *
   ****************************************************************
14 * 1.8450 * 1.8310 * 1.8422 * 1.1049 *  .8661 *  .7678 *
   * 1.3281 * 1.3431 * 1.3400 * 2.0608 * 2.6310 * 2.9824 *
   ********************************************************
15 *  .7705 *  .7979 *  .7845 *  .5104 * F-SUB-Q
   * 2.9001 * 2.7674 * 2.8275 * 4.3905 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5674	1.3522	1.5517	1.4138	1.7062	1.4873	1.8037	.7498
	1.4713	1.7053	1.4946	1.6291	1.3504	1.5489	1.2783	2.8095
9	1.3522	1.6616	1.6364	1.6548	1.6232	1.7393	1.7874	.7759
	1.7053	1.3986	1.4191	1.4057	1.4247	1.3322	1.2936	2.6822
10	1.5517	1.6356	1.6596	1.6201	1.6504	1.6254	1.7997	.7630
	1.4946	1.4198	1.4043	1.4375	1.4071	1.4300	1.2878	2.7370
11	1.4138	1.6549	1.6203	1.6258	1.6025	1.6541	1.0757	.4958
	1.6291	1.4057	1.4373	1.4347	1.4644	1.4092	1.9853	4.2505
12	1.7062	1.6262	1.6526	1.6032	1.5692	1.6880	.8424	
	1.3504	1.4222	1.4054	1.4638	1.4980	1.3897	2.5299	
13	1.4873	1.7430	1.6274	1.6553	1.6887	1.8085	.7325	
	1.5489	1.3296	1.4282	1.4083	1.3891	1.3015	2.9215	
14	1.8037	1.7906	1.8019	1.0768	.8428	.7470		
	1.2783	1.2914	1.2863	1.9833	2.5287	2.8662		
15	.7498	.7766	.7637	.4963	F-SUB-Q			
	2.8095	2.6802	2.7348	4.2463	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.4942	1.3055	1.4941	1.3578	1.6254	1.4312	1.7162	.7305
	1.4610	1.6719	1.4726	1.6113	1.3460	1.5289	1.2759	2.7439
9	1.3055	1.5880	1.5737	1.5810	1.5586	1.6686	1.7029	.7627
	1.6719	1.3890	1.4003	1.3965	1.4089	1.3179	1.2888	2.5966
10	1.4941	1.5729	1.5957	1.5577	1.5748	1.5611	1.7146	.7483
	1.4726	1.4009	1.3858	1.4184	1.3996	1.4121	1.2817	2.6538
11	1.3578	1.5810	1.5579	1.5523	1.5351	1.5742	1.0489	.4848
	1.6113	1.3965	1.4182	1.4254	1.4451	1.4014	1.9310	4.1321
12	1.6254	1.5615	1.5769	1.5358	1.5050	1.6062	.8266	
	1.3460	1.4064	1.3979	1.4445	1.4758	1.3796	2.4404	
13	1.4312	1.6721	1.5630	1.5753	1.6069	1.7166	.7139	
	1.5289	1.3154	1.4104	1.4005	1.3789	1.2920	2.8322	
14	1.7162	1.7060	1.7168	1.0499	.8270	.7287		
	1.2759	1.2866	1.2802	1.9291	2.4393	2.7758		
15	.7305	.7633	.7489	.4853	F-SUB-Q			
	2.7439	2.5948	2.6518	4.1282	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4470	1.2646	1.4553	1.3158	1.5676	1.3845	1.6580	.6958
	1.4443	1.6552	1.4483	1.5938	1.3376	1.5149	1.2657	2.7663
9	1.2646	1.5405	1.5297	1.5328	1.5114	1.6159	1.6433	.7218
	1.6552	1.3720	1.3799	1.3800	1.3921	1.3035	1.2794	2.6345
10	1.4553	1.5290	1.5516	1.5143	1.5238	1.5149	1.6538	.7077
	1.4483	1.3805	1.3649	1.3974	1.3859	1.3938	1.2723	2.6938
11	1.3158	1.5328	1.5145	1.5044	1.4856	1.5174	.9976	.4611
	1.5938	1.3800	1.3972	1.4088	1.4275	1.3906	1.9452	4.1710
12	1.5676	1.5141	1.5258	1.4862	1.4569	1.5468	.7823	
	1.3376	1.3897	1.3842	1.4268	1.4571	1.3688	2.4686	
13	1.3845	1.6192	1.5167	1.5185	1.5475	1.6463	.6742	
	1.5149	1.3009	1.3923	1.3896	1.3682	1.2852	2.8682	
14	1.6580	1.6462	1.6559	.9985	.7826	.6874		
	1.2657	1.2773	1.2708	1.9434	2.4675	2.8146		
15	.6958	.7225	.7083	.4616	F-SUB-Q			
	2.7663	2.6324	2.6916	4.1671	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.3511	1.1947	1.3565	1.2375	1.4452	1.2884	1.5235	.6582
	1.4947	1.6936	1.5017	1.6383	1.4015	1.5741	1.3315	2.8332
9	1.1947	1.4245	1.4267	1.4159	1.4044	1.4942	1.5089	.6793
	1.6936	1.4344	1.4298	1.4439	1.4479	1.3619	1.3467	2.7123
10	1.3565	1.4261	1.4383	1.4152	1.4048	1.4070	1.5130	.6616
	1.5017	1.4304	1.4226	1.4446	1.4529	1.4500	1.3438	2.7921
11	1.2375	1.4159	1.4154	1.3902	1.3790	1.4034	.9310	.4300
	1.6383	1.4439	1.4444	1.4732	1.4840	1.4518	2.0165	4.3380
12	1.4452	1.4069	1.4065	1.3796	1.3455	1.4248	.7374	
	1.4015	1.4454	1.4513	1.4834	1.5227	1.4343	2.5329	
13	1.2884	1.4972	1.4087	1.4044	1.4254	1.4894	.6233	
	1.5741	1.3592	1.4484	1.4509	1.4336	1.3706	3.0012	
14	1.5235	1.5115	1.5149	.9318	.7377	.6350		
	1.3315	1.3445	1.3423	2.0148	2.5317	2.9471		
15	.6582	.6799	.6621	.4304	F-SUB-Q			
	2.8332	2.7101	2.7899	4.3340	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2621	1.0144	1.1158	1.0459	1.3293	1.0633	1.3530	.5672
	1.5582	1.9434	1.7781	1.8878	1.4832	1.8575	1.4610	3.2124
9	1.0144	1.2513	1.1865	1.3042	1.1406	1.2254	1.3613	.5869
	1.9434	1.5848	1.6732	1.5204	1.7361	1.6159	1.4534	3.0663
10	1.1158	1.1860	1.1455	1.1860	1.2450	1.1554	1.2720	.5592
	1.7781	1.6739	1.7386	1.6765	1.5958	1.7194	1.5575	3.2269
11	1.0459	1.3046	1.1865	1.2336	1.1271	1.3056	.7885	.3618
	1.8878	1.5200	1.6758	1.6138	1.7671	1.5205	2.3223	5.0437
12	1.3293	1.1415	1.2458	1.1276	1.0678	1.3001	.6437	
	1.4832	1.7347	1.5947	1.7664	1.8652	1.5296	2.8310	
13	1.0633	1.2278	1.1566	1.3064	1.3007	1.1787	.5131	
	1.8575	1.6129	1.7175	1.5196	1.5289	1.6866	3.5599	
14	1.3530	1.3633	1.2735	.7891	.6441	.5227		
	1.4610	1.4514	1.5558	2.3203	2.8296	3.4960		
15	.5672	.5875	.5597	.3622	F-SUB-Q			
	3.2124	3.0636	3.2246	5.0392	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.5287	.4510	.4507	.4623	.5507	.4605	.4965	.2476
	3.6427	4.2793	4.2975	4.1792	3.5039	4.1970	3.8908	7.2178
9	.4510	.5201	.4770	.5452	.4639	.4770	.4976	.2506
	4.2793	3.7246	4.0638	3.5528	4.1750	4.0567	3.8844	7.0425
10	.4507	.4769	.4490	.4847	.5352	.4634	.4591	.2345
	4.2975	4.0650	4.3271	4.0036	3.6227	4.1857	4.2169	7.5476
11	.4623	.5454	.4849	.5272	.4518	.5028	.3377	.1587
	4.1792	3.5516	4.0021	3.6852	4.3012	3.8587	5.3109	11.2880
12	.5507	.4643	.5356	.4519	.4222	.4765	.2735	
	3.5039	4.1722	3.6206	4.2994	4.6089	4.0772	6.5312	
13	.4605	.4779	.4639	.5031	.4767	.4171	.2121	
	4.1970	4.0496	4.1816	3.8564	4.0753	4.6613	8.4448	
14	.4965	.4983	.4596	.3379	.2737	.2155		
	3.8908	3.8793	4.2124	5.3071	6.5270	8.3156		
15	.2476	.2508	.2347	.1589	F-SUB-Q			
	7.2178	7.0371	7.5414	11.2776	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.3668	.4131	.4485	.4694	.5455	.4664	.4820	.2615
	3.9768	4.5987	4.4171	4.1825	3.5928	4.2140	4.1330	6.9259
9	.4131	.4986	.4720	.5370	.4678	.4639	.4785	.2610
	4.5987	4.0391	4.2167	3.6656	4.1929	4.2347	4.1647	6.8796
10	.4485	.4720	.4452	.4727	.5169	.4418	.4341	.2392
	4.4171	4.2175	4.5437	4.1918	3.8007	4.4216	4.4869	7.3836
11	.4694	.5371	.4728	.4937	.4079	.4300	.3098	.1698
	4.1825	3.6648	4.1908	4.0467	4.8460	4.4773	5.7560	10.3962
12	.5455	.4680	.5172	.4080	.3114	.3376	.2288	
	3.5928	4.1910	3.7991	4.8449	5.0697	4.6741	7.1002	
13	.4664	.4648	.4421	.4302	.3377	.2823	.1620	
	4.2140	4.2267	4.4185	4.4763	4.6740	5.2038	9.0988	
14	.4820	.4791	.4345	.3099	.2287	.1654		
	4.1330	4.1599	4.4838	5.7544	7.1023	8.9292		
15	.2615	.2611	.2393	.1698	F-SUB-Q			
	6.9259	6.8778	7.3814	10.3927	M-SUB-Q			

AT 75% POWER, 125 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.7875	.8832	1.0349	1.0087	1.2003	1.0162	1.1899	.5851
	1.8690	2.2077	1.9799	2.0127	1.6868	1.9930	1.7235	3.1909
9	.8832	1.0869	1.0889	1.1822	1.0829	1.0968	1.1847	.6005
	2.2077	1.9058	1.8845	1.7247	1.8748	1.8508	1.7160	3.0581
10	1.0349	1.0887	1.0539	1.0830	1.0936	1.0324	1.0874	.5591
	1.9799	1.8849	1.9703	1.8863	1.8584	1.9574	1.8494	3.2532
11	1.0087	1.1824	1.0833	1.0337	.9389	1.0176	.7003	.3754
	2.0127	1.7244	1.8859	1.9725	2.1178	1.9327	2.6329	4.8614
12	1.2003	1.0834	1.0940	.9392	.7027	.8395	.5286	
	1.6868	1.8739	1.8576	2.1174	2.2026	1.9184	3.1443	
13	1.0162	1.0986	1.0332	1.0179	.8397	.7315	.3924	
	1.9930	1.8479	1.9560	1.9323	1.9183	2.1206	3.8515	
14	1.1899	1.1860	1.0881	.7005	.5286	.3948		
	1.7235	1.7142	1.8482	2.6324	3.1451	3.8366		
15	.5851	.6009	.5592	.3755	F-SUB-Q			
	3.1909	3.0565	3.2526	4.8599	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.9257	1.0700	1.2600	1.2192	1.3861	1.2474	1.3853	.7007
	1.6840	1.8826	1.6680	1.7079	1.4957	1.6612	1.4937	2.6842
9	1.0700	1.2917	1.3179	1.3346	1.3375	1.3493	1.3596	.7291
	1.8826	1.6346	1.5943	1.5625	1.5565	1.5343	1.5192	2.5540
10	1.2600	1.3177	1.3174	1.3089	1.2941	1.2663	1.3163	.6888
	1.6680	1.5946	1.5986	1.6035	1.6134	1.6370	1.5649	2.6998
11	1.2192	1.3349	1.3090	1.2425	1.1547	1.1615	.8621	.4559
	1.7079	1.5622	1.6033	1.6906	1.7533	1.7317	2.1977	4.1087
12	1.3861	1.3382	1.2946	1.1550	.8721	.9788	.6413	
	1.4957	1.5551	1.6128	1.7531	1.7851	1.7205	2.6570	
13	1.2474	1.3515	1.2673	1.1619	.9790	.9324	.4888	
	1.6612	1.5320	1.6357	1.7312	1.7202	1.7145	3.1782	
14	1.3853	1.3612	1.3172	.8622	.6412	.4971		
	1.4937	1.5174	1.5638	2.1974	2.6574	3.1316		
15	.7007	.7296	.6890	.4561	F-SUB-Q			
	2.6842	2.5527	2.6991	4.1074	M-SUB-Q			

AT 75% POWER, 125 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0530	1.1818	1.3996	1.3522	1.5860	1.3903	1.5847	.7584
	1.5299	1.7598	1.5478	1.5865	1.3443	1.5314	1.3370	2.5382
9	1.1818	1.4591	1.4683	1.5137	1.4941	1.5214	1.5626	.7885
	1.7598	1.4913	1.4741	1.4190	1.4308	1.3958	1.3545	2.4195
10	1.3996	1.4680	1.4722	1.4602	1.4660	1.4217	1.5125	.7496
	1.5478	1.4743	1.4721	1.4800	1.4686	1.5020	1.4005	2.5504
11	1.3522	1.5141	1.4604	1.4097	1.2962	1.3383	.9495	.4945
	1.5865	1.4186	1.4798	1.5369	1.6028	1.5510	2.0620	3.9091
12	1.5860	1.4958	1.4666	1.2966	.9759	1.1305	.7010	
	1.3443	1.4291	1.4680	1.6025	1.6308	1.5331	2.5206	
13	1.3903	1.5237	1.4228	1.3389	1.1309	1.0952	.5428	
	1.5314	1.3937	1.5008	1.5506	1.5328	1.5200	2.9816	
14	1.5847	1.5645	1.5136	.9497	.7010	.5539		
	1.3370	1.3529	1.3995	2.0615	2.5208	2.9285		
15	.7584	.7890	.7498	.4947	F-SUB-Q			
	2.5382	2.4182	2.5499	3.9077	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1325 * 1.2439 * 1.4680 * 1.4244 * 1.6969 * 1.4620 * 1.6928 *  .7987 *
   * 1.4893 * 1.7418 * 1.5334 * 1.5574 * 1.2981 * 1.5050 * 1.2936 * 2.4921 *
   ************************************************************************
 9 * 1.2439 * 1.5505 * 1.5467 * 1.6140 * 1.5766 * 1.6122 * 1.6782 *  .8322 *
   * 1.7418 * 1.4627 * 1.4538 * 1.3766 * 1.4029 * 1.3624 * 1.3041 * 2.3714 *
   ************************************************************************
10 * 1.4680 * 1.5464 * 1.5496 * 1.5417 * 1.5674 * 1.5061 * 1.6220 *  .7922 *
   * 1.5334 * 1.4541 * 1.4541 * 1.4552 * 1.4239 * 1.4675 * 1.3508 * 2.4980 *
   ************************************************************************
11 * 1.4244 * 1.6144 * 1.5419 * 1.5053 * 1.3863 * 1.4514 * 1.0136 *  .5201 *
   * 1.5574 * 1.3763 * 1.4548 * 1.4983 * 1.5630 * 1.4916 * 2.0041 * 3.8479 *
   ************************************************************************
12 * 1.6969 * 1.5775 * 1.5681 * 1.3867 * 1.0518 * 1.2423 *  .7571 *
   * 1.2981 * 1.4013 * 1.4233 * 1.5626 * 1.5929 * 1.4697 * 2.4582 *
   ****************************************************************
13 * 1.4620 * 1.6146 * 1.5073 * 1.4520 * 1.2427 * 1.2136 *  .5906 *
   * 1.5050 * 1.3604 * 1.4663 * 1.4911 * 1.4694 * 1.4584 * 2.9116 *
   ****************************************************************
14 * 1.6928 * 1.6803 * 1.6232 * 1.0139 *  .7571 *  .6031 *
   * 1.2936 * 1.3025 * 1.3498 * 2.0035 * 2.4582 * 2.8580 *
   ********************************************************
15 *  .7987 *  .8326 *  .7925 *  .5203 * F-SUB-Q
   * 2.4921 * 2.3704 * 2.4974 * 3.8463 * M-SUB-Q
   ************************************
```

AT 75% POWER, 125 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2192 * 1.2965 * 1.5135 * 1.4713 * 1.7633 * 1.5058 * 1.7581 *  .8282 *
   * 1.4961 * 1.7633 * 1.5539 * 1.5688 * 1.2965 * 1.5145 * 1.2873 * 2.4851 *
   ************************************************************************
 9 * 1.2965 * 1.6117 * 1.5992 * 1.6760 * 1.6287 * 1.6693 * 1.7499 *  .8649 *
   * 1.7633 * 1.4726 * 1.4671 * 1.3791 * 1.4125 * 1.3611 * 1.2930 * 2.3595 *
   ************************************************************************
10 * 1.5135 * 1.5988 * 1.6014 * 1.5971 * 1.6344 * 1.5644 * 1.6933 *  .8247 *
   * 1.5539 * 1.4674 * 1.4665 * 1.4630 * 1.4251 * 1.4746 * 1.3454 * 2.4888 *
   ************************************************************************
11 * 1.4713 * 1.6765 * 1.5975 * 1.5720 * 1.4654 * 1.5447 * 1.0679 *  .5407 *
   * 1.5688 * 1.3787 * 1.4626 * 1.5026 * 1.5651 * 1.4799 * 2.0021 * 3.8747 *
   ************************************************************************
12 * 1.7633 * 1.6296 * 1.6351 * 1.4659 * 1.1401 * 1.3547 *  .8145 *
   * 1.2965 * 1.4108 * 1.4245 * 1.5647 * 1.5974 * 1.4612 * 2.4468 *
   ****************************************************************
13 * 1.5058 * 1.6719 * 1.5657 * 1.5453 * 1.3552 * 1.3364 *  .6425 *
   * 1.5145 * 1.3590 * 1.4734 * 1.4793 * 1.4608 * 1.4540 * 2.9137 *
   ****************************************************************
14 * 1.7581 * 1.7521 * 1.6946 * 1.0682 *  .8147 *  .6559 *
   * 1.2873 * 1.2914 * 1.3443 * 2.0013 * 2.4465 * 2.8603 *
   ********************************************************
15 *  .8282 *  .8654 *  .8250 *  .5409 * F-SUB-Q
   * 2.4851 * 2.3583 * 2.4881 * 3.8730 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3999 * 1.3604 * 1.5625 * 1.5140 * 1.8299 * 1.5459 * 1.8257 *  .8454 *
   * 1.5048 * 1.7884 * 1.5928 * 1.6037 * 1.3115 * 1.5465 * 1.2933 * 2.5418 *
   ************************************************************************
 9 * 1.3604 * 1.6797 * 1.6540 * 1.7379 * 1.6796 * 1.7254 * 1.8227 *  .8815 *
   * 1.7884 * 1.4994 * 1.4989 * 1.3989 * 1.4400 * 1.3787 * 1.2984 * 2.4186 *
   ************************************************************************
10 * 1.5625 * 1.6536 * 1.6561 * 1.6576 * 1.7035 * 1.6246 * 1.7676 *  .8427 *
   * 1.5928 * 1.4993 * 1.4977 * 1.4900 * 1.4438 * 1.4997 * 1.3555 * 2.5561 *
   ************************************************************************
11 * 1.5140 * 1.7384 * 1.6581 * 1.6445 * 1.5588 * 1.6534 * 1.1099 *  .5540 *
   * 1.6037 * 1.3985 * 1.4895 * 1.5251 * 1.5738 * 1.4699 * 2.0530 * 4.0020 *
   ************************************************************************
12 * 1.8299 * 1.6806 * 1.7043 * 1.5593 * 1.2819 * 1.5196 *  .8656 *
   * 1.3115 * 1.4382 * 1.4432 * 1.5733 * 1.6088 * 1.4571 * 2.4928 *
   ****************************************************************
13 * 1.5459 * 1.7280 * 1.6259 * 1.6541 * 1.5201 * 1.5007 *  .6937 *
   * 1.5465 * 1.3765 * 1.4984 * 1.4693 * 1.4567 * 1.4513 * 2.9662 *
   ****************************************************************
14 * 1.8257 * 1.8250 * 1.7690 * 1.1103 *  .8658 *  .7085 *
   * 1.2933 * 1.2968 * 1.3544 * 2.0521 * 2.4925 * 2.9105 *
   ********************************************************
15 *  .8454 *  .8820 *  .8430 *  .5542 * F-SUB-Q
   * 2.5418 * 2.4174 * 2.5552 * 4.0000 * M-SUB-Q
   ************************************
```

AT 75% POWER, 125 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6609 * 1.4205 * 1.5984 * 1.5436 * 1.8733 * 1.5728 * 1.8722 *  .8603 *
   * 1.5404 * 1.8408 * 1.6651 * 1.6718 * 1.3590 * 1.6103 * 1.3322 * 2.6369 *
   ************************************************************************
 9 * 1.4205 * 1.7296 * 1.6939 * 1.7801 * 1.7144 * 1.7642 * 1.8717 *  .8959 *
   * 1.8408 * 1.5612 * 1.5627 * 1.4515 * 1.4982 * 1.4268 * 1.3371 * 2.5134 *
   ************************************************************************
10 * 1.5984 * 1.6934 * 1.6961 * 1.7025 * 1.7530 * 1.6692 * 1.8210 *  .8588 *
   * 1.6651 * 1.5631 * 1.5609 * 1.5490 * 1.4964 * 1.5569 * 1.3981 * 2.6587 *
   ************************************************************************
11 * 1.5436 * 1.7805 * 1.7030 * 1.6990 * 1.6379 * 1.7474 * 1.1482 *  .5669 *
   * 1.6718 * 1.4511 * 1.5485 * 1.5809 * 1.5999 * 1.4896 * 2.1240 * 4.1773 *
   ************************************************************************
12 * 1.8733 * 1.7154 * 1.7538 * 1.6384 * 1.5192 * 1.6781 *  .9157 *
   * 1.3590 * 1.4963 * 1.4957 * 1.5995 * 1.6367 * 1.4735 * 2.5408 *
   ****************************************************************
13 * 1.5728 * 1.7670 * 1.6706 * 1.7481 * 1.6786 * 1.6521 *  .7436 *
   * 1.6103 * 1.4246 * 1.5556 * 1.4890 * 1.4730 * 1.4722 * 3.0316 *
   ****************************************************************
14 * 1.8722 * 1.8740 * 1.8224 * 1.1486 *  .9159 *  .7594 *
   * 1.3322 * 1.3354 * 1.3970 * 2.1231 * 2.5404 * 2.9748 *
   ********************************************************
15 *  .8603 *  .8964 *  .8592 *  .5671 * F-SUB-Q
   * 2.6369 * 2.5122 * 2.6577 * 4.1751 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7663	1.4861	1.6361	1.5680	1.9131	1.5955	1.9150	.8691
	1.6066	1.9253	1.7580	1.7627	1.4228	1.6955	1.3877	2.7791
9	1.4861	1.7736	1.7286	1.8249	1.7444	1.7987	1.9164	.9025
	1.9253	1.6235	1.6460	1.5217	1.5755	1.4931	1.3926	2.6572
10	1.6361	1.7280	1.7312	1.7413	1.7972	1.7082	1.8697	.8687
	1.7580	1.6465	1.6433	1.6279	1.5673	1.6337	1.4577	2.8073
11	1.5680	1.8253	1.7418	1.7492	1.7002	1.8264	1.1760	.5745
	1.7627	1.5211	1.6274	1.6252	1.6528	1.5304	2.1919	4.4280
12	1.9131	1.7454	1.7980	1.7008	1.6156	1.7941	.9502	
	1.4228	1.5734	1.5666	1.6523	1.6931	1.5119	2.6463	
13	1.5955	1.8015	1.7096	1.8272	1.7947	1.7676	.7802	
	1.6955	1.4908	1.6322	1.5298	1.5114	1.5104	3.1479	
14	1.9150	1.9188	1.8712	1.1765	.9504	.7969		
	1.3877	1.3908	1.4565	2.1909	2.6458	3.0881		
15	.8691	.9031	.8691	.5748	F-SUB-Q			
	2.7791	2.6556	2.8062	4.4255	M-SUB-Q			

AT 75% POWER, 125 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7833	1.5000	1.6374	1.5673	1.9060	1.5932	1.9099	.8795
	1.7156	2.0422	1.8665	1.9006	1.5384	1.8266	1.4935	2.9445
9	1.5000	1.7713	1.7282	1.8223	1.7417	1.7984	1.9131	.9208
	2.0422	1.7236	1.7646	1.6444	1.6992	1.6046	1.4982	2.7929
10	1.6374	1.7277	1.7318	1.7450	1.7974	1.7129	1.8712	.8863
	1.8665	1.7652	1.7570	1.7366	1.6854	1.7506	1.5682	2.9564
11	1.5673	1.8227	1.7455	1.7599	1.7180	1.8452	1.2033	.5849
	1.9006	1.6439	1.7361	1.7126	1.7427	1.6114	2.2718	4.6445
12	1.9060	1.7427	1.7982	1.7185	1.6474	1.8315	.9860	
	1.5384	1.6969	1.6846	1.7420	1.7968	1.6050	2.7402	
13	1.5932	1.8012	1.7143	1.8460	1.8322	1.8096	.8120	
	1.8266	1.6022	1.7492	1.6107	1.6045	1.6034	3.2807	
14	1.9099	1.9155	1.8727	1.2039	.9863	.8299		
	1.4935	1.4963	1.5668	2.2707	2.7396	3.2161		
15	.8795	.9214	.8868	.5852	F-SUB-Q			
	2.9445	2.7914	2.9552	4.6421	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8258 * 1.5196 * 1.6596 * 1.5836 * 1.9447 * 1.6094 * 1.9541 *  .8774 *
   * 1.7887 * 2.1503 * 1.9622 * 2.0332 * 1.6288 * 1.9524 * 1.5733 * 3.1766 *
   ************************************************************************
 9 * 1.5196 * 1.8095 * 1.7531 * 1.8622 * 1.7656 * 1.8291 * 1.9586 *  .9120 *
   * 2.1503 * 1.8012 * 1.8532 * 1.7357 * 1.8104 * 1.7016 * 1.5776 * 3.0352 *
   ************************************************************************
10 * 1.6596 * 1.7525 * 1.7575 * 1.7734 * 1.8354 * 1.7424 * 1.9173 *  .8797 *
   * 1.9622 * 1.8538 * 1.8441 * 1.8203 * 1.7572 * 1.8319 * 1.6461 * 3.2087 *
   ************************************************************************
11 * 1.5836 * 1.8626 * 1.7739 * 1.8032 * 1.7550 * 1.9024 * 1.2071 *  .5827 *
   * 2.0332 * 1.7353 * 1.8198 * 1.7805 * 1.8155 * 1.6661 * 2.4127 * 4.9565 *
   ************************************************************************
12 * 1.9447 * 1.7668 * 1.8362 * 1.7556 * 1.6907 * 1.8998 *  .9897 *
   * 1.6288 * 1.8079 * 1.7564 * 1.8149 * 1.8666 * 1.6526 * 2.9091 *
   ****************************************************************
13 * 1.6094 * 1.8319 * 1.7439 * 1.9033 * 1.9005 * 1.8792 *  .8198 *
   * 1.9524 * 1.6989 * 1.8304 * 1.6653 * 1.6520 * 1.6565 * 3.4781 *
   ****************************************************************
14 * 1.9541 * 1.9611 * 1.9189 * 1.2077 *  .9900 *  .8371 *
   * 1.5733 * 1.5756 * 1.6448 * 2.4115 * 2.9085 * 3.4128 *
   ********************************************************
15 *  .8774 *  .9125 *  .8801 *  .5831 * F-SUB-Q
   * 3.1766 * 3.0338 * 3.2073 * 4.9538 * M-SUB-Q
   *************************************
```

AT 75% POWER, 125 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8275 * 1.5159 * 1.6558 * 1.5812 * 1.9482 * 1.6071 * 1.9623 *  .8774 *
   * 1.8422 * 2.2118 * 2.0148 * 2.0972 * 1.7006 * 2.0593 * 1.6878 * 3.4229 *
   ************************************************************************
 9 * 1.5159 * 1.8095 * 1.7517 * 1.8664 * 1.7649 * 1.8334 * 1.9678 *  .9119 *
   * 2.2118 * 1.8478 * 1.9016 * 1.7845 * 1.8808 * 1.8092 * 1.6854 * 3.2706 *
   ************************************************************************
10 * 1.6558 * 1.7511 * 1.7569 * 1.7754 * 1.8404 * 1.7463 * 1.9277 *  .8798 *
   * 2.0148 * 1.9023 * 1.8975 * 1.8776 * 1.8101 * 1.9081 * 1.7276 * 3.4338 *
   ************************************************************************
11 * 1.5812 * 1.8668 * 1.7760 * 1.8121 * 1.7631 * 1.9187 * 1.2120 *  .5829 *
   * 2.0972 * 1.7842 * 1.8771 * 1.8463 * 1.9012 * 1.7480 * 2.5339 * 5.2645 *
   ************************************************************************
12 * 1.9482 * 1.7660 * 1.8412 * 1.7636 * 1.7052 * 1.9236 *  .9968 *
   * 1.7006 * 1.8796 * 1.8092 * 1.9006 * 1.9772 * 1.7462 * 3.0877 *
   ****************************************************************
13 * 1.6071 * 1.8363 * 1.7478 * 1.9196 * 1.9242 * 1.9050 *  .8274 *
   * 2.0593 * 1.8064 * 1.9065 * 1.7472 * 1.7456 * 1.7486 * 3.6842 *
   ****************************************************************
14 * 1.9623 * 1.9703 * 1.9292 * 1.2127 *  .9971 *  .8447 *
   * 1.6878 * 1.6833 * 1.7262 * 2.5324 * 3.0870 * 3.6160 *
   ********************************************************
15 *  .8774 *  .9124 *  .8802 *  .5832 * F-SUB-Q
   * 3.4229 * 3.2690 * 3.4321 * 5.2612 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7964 * 1.4934 * 1.6305 * 1.5616 * 1.9207 * 1.5878 * 1.9390 *  .8771 *
   * 1.8460 * 2.2104 * 2.0134 * 2.0859 * 1.6925 * 2.0430 * 1.6739 * 3.3624 *
   ************************************************************************
 9 * 1.4934 * 1.7774 * 1.7278 * 1.8396 * 1.7421 * 1.8146 * 1.9454 *  .9167 *
   * 2.2104 * 1.8480 * 1.8965 * 1.7815 * 1.8725 * 1.7937 * 1.6725 * 3.1950 *
   ************************************************************************
10 * 1.6305 * 1.7271 * 1.7339 * 1.7543 * 1.8165 * 1.7279 * 1.9072 *  .8844 *
   * 2.0134 * 1.8972 * 1.8922 * 1.8702 * 1.8045 * 1.8976 * 1.7180 * 3.3523 *
   ************************************************************************
11 * 1.5616 * 1.8400 * 1.7549 * 1.7914 * 1.7478 * 1.9004 * 1.2162 *  .5826 *
   * 2.0859 * 1.7812 * 1.8696 * 1.8408 * 1.8925 * 1.7415 * 2.4874 * 5.1797 *
   ************************************************************************
12 * 1.9207 * 1.7433 * 1.8174 * 1.7485 * 1.6949 * 1.9108 * 1.0050 *
   * 1.6925 * 1.8713 * 1.8036 * 1.8919 * 1.9742 * 1.7491 * 3.0275 *
   ****************************************************************
13 * 1.5878 * 1.8175 * 1.7294 * 1.9013 * 1.9115 * 1.8954 *  .8344 *
   * 2.0430 * 1.7910 * 1.8960 * 1.7406 * 1.7484 * 1.7698 * 3.6676 *
   ****************************************************************
14 * 1.9390 * 1.9479 * 1.9087 * 1.2169 * 1.0053 *  .8523 *
   * 1.6739 * 1.6704 * 1.7165 * 2.4858 * 3.0267 * 3.5980 *
   ******************************************************
15 *  .8771 *  .9173 *  .8849 *  .5829 * F-SUB-Q
   * 3.3624 * 3.1931 * 3.3507 * 5.1764 * M-SUB-Q
   *************************************
```

AT 75% POWER, 125 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8020 * 1.4845 * 1.6262 * 1.5568 * 1.9333 * 1.5840 * 1.9595 *  .8650 *
   * 1.8016 * 2.1614 * 1.9579 * 2.0259 * 1.6293 * 1.9779 * 1.5987 * 3.2761 *
   ************************************************************************
 9 * 1.4845 * 1.7819 * 1.7270 * 1.8511 * 1.7425 * 1.8231 * 1.9667 *  .8977 *
   * 2.1614 * 1.7864 * 1.8415 * 1.7200 * 1.8146 * 1.7298 * 1.6016 * 3.1342 *
   ************************************************************************
10 * 1.6262 * 1.7263 * 1.7337 * 1.7563 * 1.8274 * 1.7326 * 1.9275 *  .8671 *
   * 1.9579 * 1.8422 * 1.8385 * 1.8166 * 1.7425 * 1.8401 * 1.6521 * 3.2891 *
   ************************************************************************
11 * 1.5568 * 1.8515 * 1.7569 * 1.8040 * 1.7557 * 1.9227 * 1.2012 *  .5718 *
   * 2.0259 * 1.7196 * 1.8160 * 1.7820 * 1.8432 * 1.6866 * 2.4411 * 5.0436 *
   ************************************************************************
12 * 1.9333 * 1.7437 * 1.8282 * 1.7564 * 1.7050 * 1.9386 *  .9887 *
   * 1.6293 * 1.8134 * 1.7416 * 1.8426 * 1.9286 * 1.6921 * 2.9803 *
   ****************************************************************
13 * 1.5840 * 1.8260 * 1.7340 * 1.9236 * 1.9393 * 1.9241 *  .8241 *
   * 1.9779 * 1.7272 * 1.8386 * 1.6859 * 1.6916 * 1.7099 * 3.5899 *
   ****************************************************************
14 * 1.9595 * 1.9693 * 1.9291 * 1.2019 *  .9890 *  .8411 *
   * 1.5987 * 1.5996 * 1.6507 * 2.4395 * 2.9796 * 3.5249 *
   ******************************************************
15 *  .8650 *  .8983 *  .8676 *  .5721 * F-SUB-Q
   * 3.2761 * 3.1326 * 3.2875 * 5.0405 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7824 * 1.4622 * 1.6048 * 1.5387 * 1.9197 * 1.5665 * 1.9524 *  .8547 *
   * 1.6647 * 2.0078 * 1.8203 * 1.8761 * 1.5047 * 1.8347 * 1.4769 * 3.0360 *
   ************************************************************************
 9 * 1.4622 * 1.7637 * 1.7079 * 1.8366 * 1.7251 * 1.8116 * 1.9602 *  .8838 *
   * 2.0078 * 1.6570 * 1.7095 * 1.5918 * 1.6804 * 1.5997 * 1.4770 * 2.9128 *
   ************************************************************************
10 * 1.6048 * 1.7072 * 1.7152 * 1.7395 * 1.8139 * 1.7185 * 1.9211 *  .8550 *
   * 1.8203 * 1.7102 * 1.7069 * 1.6861 * 1.6120 * 1.7056 * 1.5233 * 3.0463 *
   ************************************************************************
11 * 1.5387 * 1.8370 * 1.7400 * 1.7923 * 1.7451 * 1.9164 * 1.1877 *  .5626 *
   * 1.8761 * 1.5911 * 1.6856 * 1.6451 * 1.7009 * 1.5492 * 2.2638 * 4.7033 *
   ************************************************************************
12 * 1.9197 * 1.7263 * 1.8148 * 1.7457 * 1.6962 * 1.9368 *  .9755 *
   * 1.5047 * 1.6793 * 1.6113 * 1.7003 * 1.7783 * 1.5537 * 2.7666 *
   ****************************************************************
13 * 1.5665 * 1.8144 * 1.7200 * 1.9173 * 1.9375 * 1.9245 *  .8156 *
   * 1.8347 * 1.5974 * 1.7042 * 1.5485 * 1.5532 * 1.5691 * 3.3273 *
   ****************************************************************
14 * 1.9524 * 1.9628 * 1.9227 * 1.1885 *  .9758 *  .8324 *
   * 1.4769 * 1.4752 * 1.5221 * 2.2624 * 2.7659 * 3.2673 *
   ********************************************************
15 *  .8547 *  .8845 *  .8555 *  .5629 * F-SUB-Q
   * 3.0360 * 2.9109 * 3.0448 * 4.7003 * M-SUB-Q
   *************************************
```

AT 75% POWER, 125 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7481 * 1.4324 * 1.5744 * 1.5116 * 1.8900 * 1.5406 * 1.9272 *  .8422 *
   * 1.5561 * 1.8783 * 1.6970 * 1.7477 * 1.3988 * 1.7100 * 1.3719 * 2.8302 *
   ************************************************************************
 9 * 1.4324 * 1.7324 * 1.6782 * 1.8066 * 1.6961 * 1.7871 * 1.9355 *  .8741 *
   * 1.8783 * 1.5432 * 1.5908 * 1.4808 * 1.5647 * 1.4857 * 1.3703 * 2.7046 *
   ************************************************************************
10 * 1.5744 * 1.6775 * 1.6860 * 1.7109 * 1.7859 * 1.6930 * 1.8973 *  .8442 *
   * 1.6970 * 1.5915 * 1.5883 * 1.5676 * 1.4983 * 1.5832 * 1.4113 * 2.8254 *
   ************************************************************************
11 * 1.5116 * 1.8070 * 1.7114 * 1.7656 * 1.7214 * 1.8917 * 1.1736 *  .5540 *
   * 1.7477 * 1.4807 * 1.5671 * 1.5313 * 1.5842 * 1.4401 * 2.0964 * 4.3681 *
   ************************************************************************
12 * 1.8900 * 1.6973 * 1.7868 * 1.7220 * 1.6741 * 1.9152 *  .9660 *
   * 1.3988 * 1.5636 * 1.4975 * 1.5836 * 1.6601 * 1.4468 * 2.5696 *
   ****************************************************************
13 * 1.5406 * 1.7899 * 1.6944 * 1.8926 * 1.9159 * 1.9050 *  .8068 *
   * 1.7100 * 1.4836 * 1.5820 * 1.4394 * 1.4462 * 1.4575 * 3.0979 *
   ****************************************************************
14 * 1.9272 * 1.9380 * 1.8989 * 1.1744 *  .9663 *  .8232 *
   * 1.3719 * 1.3687 * 1.4101 * 2.0951 * 2.5689 * 3.0429 *
   ********************************************************
15 *  .8422 *  .8747 *  .8447 *  .5544 * F-SUB-Q
   * 2.8302 * 2.7032 * 2.8239 * 4.3653 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6949	1.3946	1.5315	1.4744	1.8391	1.5041	1.8790	.8313
	1.5859	1.9128	1.7369	1.7852	1.4323	1.7473	1.4035	2.8664
9	1.3946	1.6831	1.6347	1.7562	1.6533	1.7464	1.8875	.8668
	1.9128	1.5827	1.6260	1.5171	1.5993	1.5158	1.4006	2.7254
10	1.5315	1.6340	1.6426	1.6678	1.7385	1.6527	1.8513	.8367
	1.7369	1.6267	1.6240	1.6015	1.5328	1.6142	1.4380	2.8423
11	1.4744	1.7566	1.6683	1.7195	1.6818	1.8435	1.1599	.5466
	1.7852	1.5168	1.6010	1.5637	1.6096	1.4649	2.1095	4.4102
12	1.8391	1.6545	1.7394	1.6824	1.6366	1.8688	.9574	
	1.4323	1.5983	1.5321	1.6090	1.6751	1.4628	2.5651	
13	1.5041	1.7491	1.6541	1.8444	1.8695	1.8622	.7991	
	1.7473	1.5136	1.6129	1.4642	1.4623	1.4715	3.0895	
14	1.8790	1.8900	1.8529	1.1607	.9578	.8154		
	1.4036	1.3988	1.4368	2.1081	2.5643	3.0344		
15	.8313	.8674	.8372	.5469	F-SUB-Q			
	2.8664	2.7237	2.8409	4.4073	M-SUB-Q			

AT 75% POWER, 125 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6793	1.3679	1.5096	1.4500	1.8272	1.4806	1.8718	.8059
	1.4747	1.8032	1.6345	1.6899	1.3426	1.6539	1.3122	2.7586
9	1.3679	1.6681	1.6138	1.7427	1.6317	1.7306	1.8807	.8337
	1.8032	1.4824	1.5303	1.4207	1.5085	1.4244	1.3084	2.6440
10	1.5096	1.6130	1.6214	1.6462	1.7243	1.6336	1.8443	.8066
	1.6345	1.5310	1.5287	1.5072	1.4365	1.5168	1.3410	2.7468
11	1.4500	1.7431	1.6468	1.7057	1.6636	1.8346	1.1256	.5270
	1.6899	1.4204	1.5067	1.4634	1.5102	1.3646	2.0160	4.2514
12	1.8272	1.6329	1.7252	1.6641	1.6201	1.8624	.9226	
	1.3426	1.5075	1.4358	1.5096	1.5620	1.3565	2.4691	
13	1.4806	1.7334	1.6350	1.8356	1.8631	1.8580	.7733	
	1.6539	1.4223	1.5156	1.3640	1.3560	1.3610	2.9542	
14	1.8718	1.8833	1.8459	1.1264	.9228	.7888		
	1.3122	1.3068	1.3399	2.0146	2.4684	2.9022		
15	.8059	.8342	.8071	.5274	F-SUB-Q			
	2.7586	2.6427	2.7454	4.2485	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6299 * 1.3272 * 1.4679 * 1.4077 * 1.7764 * 1.4391 * 1.8224 *  .7813 *
   * 1.4158 * 1.7376 * 1.5771 * 1.6368 * 1.2980 * 1.6006 * 1.2672 * 2.6813 *
   ************************************************************************
 9 * 1.3272 * 1.6223 * 1.5701 * 1.6933 * 1.5858 * 1.6866 * 1.8316 *  .8083 *
   * 1.7376 * 1.4310 * 1.4772 * 1.3733 * 1.4594 * 1.3740 * 1.2627 * 2.5691 *
   ************************************************************************
10 * 1.4679 * 1.5693 * 1.5773 * 1.6003 * 1.6761 * 1.5900 * 1.7974 *  .7823 *
   * 1.5771 * 1.4778 * 1.4757 * 1.4557 * 1.3882 * 1.4630 * 1.2915 * 2.6658 *
   ************************************************************************
11 * 1.4077 * 1.6936 * 1.6008 * 1.6576 * 1.6180 * 1.7838 * 1.0929 *  .5103 *
   * 1.6368 * 1.3730 * 1.4553 * 1.4114 * 1.4529 * 1.3121 * 1.9465 * 4.1274 *
   ************************************************************************
12 * 1.7764 * 1.5870 * 1.6770 * 1.6185 * 1.5762 * 1.8115 *  .8943 *
   * 1.2980 * 1.4583 * 1.3875 * 1.4523 * 1.4960 * 1.3005 * 2.3803 *
   ****************************************************************
13 * 1.4391 * 1.6893 * 1.5914 * 1.7847 * 1.8122 * 1.8108 *  .7499 *
   * 1.6006 * 1.3719 * 1.4619 * 1.3115 * 1.3001 * 1.3021 * 2.8462 *
   ****************************************************************
14 * 1.8224 * 1.8341 * 1.7990 * 1.0937 *  .8946 *  .7649 *
   * 1.2672 * 1.2611 * 1.2905 * 1.9451 * 2.3796 * 2.7964 *
   ********************************************************
15 *  .7813 *  .8088 *  .7827 *  .5106 * F-SUB-Q
   * 2.6813 * 2.5679 * 2.6644 * 4.1246 * M-SUB-Q
   ************************************
```

AT 75% POWER, 125 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5393 * 1.2699 * 1.4026 * 1.3429 * 1.6772 * 1.3755 * 1.7210 *  .7552 *
   * 1.4182 * 1.7184 * 1.5657 * 1.6294 * 1.3040 * 1.5906 * 1.2737 * 2.6391 *
   ************************************************************************
 9 * 1.2699 * 1.5390 * 1.4987 * 1.6000 * 1.5102 * 1.6076 * 1.7301 *  .7878 *
   * 1.7184 * 1.4314 * 1.4683 * 1.3788 * 1.4547 * 1.3681 * 1.2684 * 2.5077 *
   ************************************************************************
10 * 1.4026 * 1.4980 * 1.5060 * 1.5247 * 1.5860 * 1.5166 * 1.7013 *  .7624 *
   * 1.5657 * 1.4690 * 1.4665 * 1.4492 * 1.3919 * 1.4546 * 1.2938 * 2.6007 *
   ************************************************************************
11 * 1.3429 * 1.6003 * 1.5252 * 1.5677 * 1.5394 * 1.6815 * 1.0584 *  .4954 *
   * 1.6294 * 1.3786 * 1.4487 * 1.4141 * 1.4433 * 1.3166 * 1.9057 * 4.0415 *
   ************************************************************************
12 * 1.6772 * 1.5114 * 1.5869 * 1.5399 * 1.4985 * 1.7064 *  .8698 *
   * 1.3040 * 1.4537 * 1.3912 * 1.4428 * 1.4844 * 1.3028 * 2.3159 *
   ****************************************************************
13 * 1.3755 * 1.6102 * 1.5180 * 1.6824 * 1.7070 * 1.7097 *  .7267 *
   * 1.5906 * 1.3660 * 1.4534 * 1.3159 * 1.3023 * 1.2993 * 2.7752 *
   ****************************************************************
14 * 1.7210 * 1.7325 * 1.7028 * 1.0591 *  .8701 *  .7417 *
   * 1.2737 * 1.2668 * 1.2927 * 1.9043 * 2.3152 * 2.7249 *
   ********************************************************
15 *  .7552 *  .7884 *  .7628 *  .4957 * F-SUB-Q
   * 2.6391 * 2.5061 * 2.5995 * 4.0388 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4684	1.2136	1.3491	1.2800	1.5949	1.3130	1.6365	.7085
	1.4222	1.7234	1.5593	1.6384	1.3144	1.5972	1.2833	2.7014
9	1.2136	1.4738	1.4383	1.5246	1.4432	1.5375	1.6449	.7348
	1.7234	1.4322	1.4656	1.3860	1.4585	1.3702	1.2779	2.5816
10	1.3491	1.4376	1.4459	1.4594	1.5113	1.4522	1.6215	.7104
	1.5593	1.4663	1.4630	1.4496	1.3992	1.4546	1.2996	2.6791
11	1.2800	1.5249	1.4599	1.4928	1.4689	1.5973	.9924	.4648
	1.6384	1.3857	1.4492	1.4215	1.4458	1.3252	1.9468	4.1355
12	1.5949	1.4443	1.5121	1.4694	1.4280	1.6171	.8114	
	1.3144	1.4575	1.3985	1.4453	1.4878	1.3127	2.3762	
13	1.3130	1.5400	1.4535	1.5981	1.6177	1.6226	.6778	
	1.5972	1.3681	1.4534	1.3245	1.3122	1.3065	2.8459	
14	1.6365	1.6472	1.6230	.9931	.8117	.6912		
	1.2833	1.2762	1.2986	1.9455	2.3755	2.7968		
15	.7085	.7353	.7109	.4651	F-SUB-Q			
	2.7014	2.5801	2.6777	4.1328	M-SUB-Q			

AT 75% POWER, 125 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3288	1.1202	1.2385	1.1728	1.4300	1.1976	1.4640	.6506
	1.5186	1.8050	1.6420	1.7292	1.4168	1.6934	1.3869	2.8503
9	1.1202	1.3366	1.3188	1.3799	1.3174	1.3951	1.4711	.6719
	1.8050	1.5267	1.5448	1.4794	1.5439	1.4593	1.3813	2.7359
10	1.2385	1.3182	1.3198	1.3391	1.3681	1.3241	1.4529	.6480
	1.6420	1.5456	1.5491	1.5261	1.4933	1.5417	1.4017	2.8463
11	1.1728	1.3802	1.3395	1.3508	1.3348	1.4317	.9037	.4245
	1.7292	1.4792	1.5257	1.5171	1.5346	1.4272	2.0685	4.3917
12	1.4300	1.3184	1.3688	1.3353	1.2935	1.4437	.7421	
	1.4168	1.5429	1.4926	1.5340	1.5851	1.4187	2.5128	
13	1.1976	1.3974	1.3252	1.4324	1.4443	1.4414	.6143	
	1.6934	1.4571	1.5404	1.4265	1.4181	1.4193	3.0378	
14	1.4640	1.4731	1.4541	.9042	.7423	.6261		
	1.3869	1.3795	1.4006	2.0673	2.5121	2.9868		
15	.6506	.6724	.6484	.4247	F-SUB-Q			
	2.8503	2.7340	2.8449	4.3889	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 125 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1450	.9226	1.0035	.9588	1.2114	.9641	1.2445	.5387
	1.7176	2.1351	1.9744	2.0596	1.6302	2.0492	1.5902	3.3633
9	.9226	1.1516	1.0729	1.2124	1.0500	1.1156	1.2525	.5559
	2.1351	1.7208	1.8490	1.6365	1.8908	1.7769	1.5814	3.2292
10	1.0035	1.0725	1.0365	1.0987	1.1801	1.0674	1.1776	.5293
	1.9744	1.8498	1.9197	1.8104	1.6856	1.8626	1.6846	3.4038
11	.9588	1.2127	1.0990	1.1714	1.0601	1.2257	.7390	.3492
	2.0596	1.6362	1.8099	1.7013	1.8809	1.6223	2.4672	5.2219
12	1.2114	1.0507	1.1807	1.0604	1.0055	1.2327	.6196	
	1.6302	1.8896	1.6848	1.8803	1.9841	1.6167	2.9362	
13	.9641	1.1174	1.0682	1.2262	1.2332	1.1160	.4940	
	2.0492	1.7741	1.8612	1.6216	1.6161	1.7859	3.6880	
14	1.2445	1.2539	1.1785	.7395	.6198	.5031		
	1.5902	1.5797	1.6833	2.4658	2.9353	3.6285		
15	.5387	.5564	.5296	.3494	F-SUB-Q			
	3.3633	3.2271	3.4023	5.2188	M-SUB-Q			

AT 75% POWER, 125 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4795	.4079	.4066	.4206	.5015	.4174	.4582	.2317
	4.0146	4.7271	4.7594	4.5951	3.8507	4.6320	4.2216	7.6662
9	.4079	.4730	.4316	.5021	.4261	.4348	.4596	.2343
	4.7271	4.0883	4.4892	3.8597	4.5482	4.4526	4.2115	7.5112
10	.4066	.4314	.4084	.4461	.4993	.4280	.4280	.2200
	4.7594	4.4905	4.7540	4.3511	3.8865	4.5360	4.5294	8.0278
11	.4206	.5023	.4462	.4942	.4220	.4734	.3147	.1520
	4.5951	3.8586	4.3500	3.9351	4.6087	4.1043	5.6720	11.7750
12	.5015	.4263	.4996	.4221	.3965	.4521	.2601	
	3.8507	4.5456	3.8848	4.6073	4.9129	4.3048	6.8546	
13	.4174	.4355	.4283	.4736	.4523	.3980	.2032	
	4.6320	4.4460	4.5326	4.1025	4.3031	4.8958	8.7881	
14	.4582	.4601	.4283	.3149	.2602	.2064		
	4.2216	4.2070	4.5259	5.6693	6.8513	8.6701		
15	.2317	.2345	.2202	.1521	F-SUB-Q			
	7.6662	7.5069	8.0234	11.7672	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.3708	.4157	.4518	.4728	.5474	.4694	.4886	.2677
	3.9754	4.5688	4.3728	4.1538	3.6262	4.1938	4.1323	6.7938
9	.4157	.5003	.4752	.5406	.4723	.4690	.4854	.2670
	4.5688	4.0693	4.1743	3.6879	4.1454	4.1951	4.1601	6.7806
10	.4518	.4751	.4504	.4797	.5250	.4502	.4446	.2459
	4.3728	4.1749	4.4958	4.1158	3.7895	4.3410	4.4374	7.2537
11	.4728	.5407	.4799	.5032	.4149	.4417	.3166	.1777
	4.1538	3.6873	4.1150	4.0161	4.7470	4.4338	5.6608	9.9948
12	.5474	.4725	.5252	.4149	.3196	.3496	.2374	
	3.6262	4.1438	3.7882	4.7464	4.9216	4.5969	6.9466	
13	.4694	.4698	.4505	.4418	.3496	.2954	.1700	
	4.1938	4.1876	4.3382	4.4331	4.5969	5.0933	8.8129	
14	.4886	.4860	.4449	.3167	.2374	.1734		
	4.1323	4.1556	4.4349	5.6600	6.9487	8.6764		
15	.2677	.2671	.2459	.1778	F-SUB-Q			
	6.7938	6.7793	7.2526	9.9927	M-SUB-Q			

AT 75% POWER, 200 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.7822	.8724	1.0213	1.0012	1.1824	1.0026	1.1783	.5911
	1.9177	2.2296	1.9992	2.0278	1.7353	2.0224	1.7646	3.1737
9	.8724	1.0793	1.0771	1.1774	1.0751	1.0879	1.1737	.6062
	2.2296	1.9333	1.8969	1.7511	1.8837	1.8695	1.7556	3.0557
10	1.0213	1.0769	1.0438	1.0841	1.1034	1.0326	1.0840	.5656
	1.9992	1.8973	1.9922	1.8765	1.8603	1.9581	1.8780	3.2473
11	1.0012	1.1776	1.0843	1.0532	.9505	1.0236	.7032	.3866
	2.0278	1.7508	1.8761	1.9674	2.0933	1.9498	2.6350	4.7494
12	1.1824	1.0755	1.1038	.9507	.7126	.8503	.5406	
	1.7353	1.8830	1.8597	2.0930	2.1841	1.9314	3.1156	
13	1.0026	1.0895	1.0333	1.0238	.8504	.7434	.4036	
	2.0224	1.8668	1.9568	1.9495	1.9313	2.1246	3.7974	
14	1.1783	1.1748	1.0845	.7032	.5405	.4061		
	1.7646	1.7539	1.8770	2.6348	3.1164	3.7897		
15	.5911	.6065	.5656	.3867	F-SUB-Q			
	3.1737	3.0543	3.2471	4.7485	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.9408	1.0558	1.2405	1.2168	1.4159	1.2316	1.3987	.7150
	1.6606	1.8863	1.6861	1.7094	1.4817	1.6825	1.4964	2.6397
9	1.0558	1.2925	1.3045	1.3578	1.3349	1.3380	1.3923	.7447
	1.8863	1.6483	1.6013	1.5529	1.5539	1.5478	1.5013	2.5204
10	1.2405	1.3043	1.3015	1.3136	1.3176	1.2656	1.3213	.7016
	1.6861	1.6015	1.6179	1.5838	1.6017	1.6362	1.5762	2.6726
11	1.2168	1.3582	1.3139	1.2560	1.1770	1.2131	.8708	.4692
	1.7094	1.5524	1.5835	1.6877	1.7202	1.6767	2.1819	4.0104
12	1.4159	1.3355	1.3180	1.1773	.8878	1.0127	.6631	
	1.4817	1.5532	1.6012	1.7199	1.7725	1.6652	2.5960	
13	1.2316	1.3398	1.2664	1.2134	1.0129	.9444	.5019	
	1.6825	1.5457	1.6351	1.6764	1.6650	1.7171	3.1280	
14	1.3987	1.3937	1.3221	.8708	.6630	.5108		
	1.4964	1.4998	1.5754	2.1818	2.5964	3.0868		
15	.7150	.7450	.7018	.4693	F-SUB-Q			
	2.6397	2.5195	2.6724	4.0097	M-SUB-Q			

AT 75% POWER, 200 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0688	1.1638	1.3725	1.3509	1.6190	1.3664	1.6056	.7761
	1.4992	1.7576	1.5673	1.5827	1.3302	1.5552	1.3312	2.4832
9	1.1638	1.4650	1.4511	1.5505	1.4905	1.5020	1.5994	.8067
	1.7576	1.4951	1.4795	1.3978	1.4299	1.4116	1.3363	2.3780
10	1.3725	1.4508	1.4492	1.4664	1.5026	1.4162	1.5134	.7629
	1.5673	1.4798	1.4918	1.4587	1.4448	1.5030	1.4112	2.5208
11	1.3509	1.5508	1.4668	1.4298	1.3215	1.3995	.9586	.5082
	1.5827	1.3974	1.4584	1.5256	1.5746	1.4928	2.0414	3.8114
12	1.6190	1.4912	1.5030	1.3218	.9915	1.1720	.7260	
	1.3302	1.4293	1.4444	1.5743	1.6198	1.4770	2.4472	
13	1.3664	1.5039	1.4171	1.3999	1.1722	1.1018	.5542	
	1.5552	1.4097	1.5019	1.4925	1.4768	1.5259	2.9352	
14	1.6056	1.6010	1.5143	.9586	.7259	.5657		
	1.3312	1.3350	1.4104	2.0411	2.4474	2.8884		
15	.7761	.8072	.7630	.5083	F-SUB-Q			
	2.4832	2.3769	2.5207	3.8105	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1419 * 1.2197 * 1.4335 * 1.4180 * 1.7218 * 1.4286 * 1.7110 *  .8139 *
   * 1.4599 * 1.7374 * 1.5549 * 1.5551 * 1.2892 * 1.5337 * 1.2868 * 2.4420 *
   ************************************************************************
 9 * 1.2197 * 1.5524 * 1.5225 * 1.6582 * 1.5660 * 1.5802 * 1.7063 *  .8476 *
   * 1.7374 * 1.4661 * 1.4605 * 1.3524 * 1.4035 * 1.3845 * 1.2911 * 2.3350 *
   ************************************************************************
10 * 1.4335 * 1.5222 * 1.5191 * 1.5476 * 1.6035 * 1.4912 * 1.6113 *  .8021 *
   * 1.5549 * 1.4608 * 1.4754 * 1.4297 * 1.3991 * 1.4728 * 1.3665 * 2.4755 *
   ************************************************************************
11 * 1.4180 * 1.6585 * 1.5479 * 1.5225 * 1.4060 * 1.5088 * 1.0169 *  .5319 *
   * 1.5551 * 1.3520 * 1.4294 * 1.4860 * 1.5379 * 1.4373 * 1.9893 * 3.7579 *
   ************************************************************************
12 * 1.7218 * 1.5668 * 1.6041 * 1.4064 * 1.0608 * 1.2791 *  .7779 *
   * 1.2892 * 1.4028 * 1.3987 * 1.5376 * 1.5840 * 1.4183 * 2.3898 *
   ***************************************************************
13 * 1.4286 * 1.5823 * 1.4922 * 1.5092 * 1.2795 * 1.2039 *  .5966 *
   * 1.5337 * 1.3827 * 1.4718 * 1.4370 * 1.4180 * 1.4717 * 2.8747 *
   ***************************************************************
14 * 1.7110 * 1.7080 * 1.6122 * 1.0170 *  .7779 *  .6093 *
   * 1.2868 * 1.2899 * 1.3657 * 1.9890 * 2.3898 * 2.8271 *
   ******************************************************
15 *  .8139 *  .8479 *  .8022 *  .5321 * F-SUB-Q
   * 2.4420 * 2.3342 * 2.4753 * 3.7570 * M-SUB-Q
   *************************************
```

AT 75% POWER, 200 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2115 * 1.2635 * 1.4705 * 1.4565 * 1.7773 * 1.4611 * 1.7686 *  .8383 *
   * 1.4680 * 1.7589 * 1.5795 * 1.5713 * 1.2939 * 1.5503 * 1.2834 * 2.4456 *
   ************************************************************************
 9 * 1.2635 * 1.6069 * 1.5664 * 1.7215 * 1.6084 * 1.6228 * 1.7654 *  .8761 *
   * 1.7589 * 1.4774 * 1.4762 * 1.3532 * 1.4174 * 1.3908 * 1.2869 * 2.3302 *
   ************************************************************************
10 * 1.4705 * 1.5660 * 1.5625 * 1.5998 * 1.6656 * 1.5379 * 1.6681 *  .8299 *
   * 1.5795 * 1.4765 * 1.4914 * 1.4389 * 1.4017 * 1.4862 * 1.3677 * 2.4745 *
   ************************************************************************
11 * 1.4565 * 1.7217 * 1.6002 * 1.5826 * 1.4737 * 1.5901 * 1.0629 *  .5492 *
   * 1.5713 * 1.3530 * 1.4386 * 1.4917 * 1.5408 * 1.4325 * 1.9954 * 3.7978 *
   ************************************************************************
12 * 1.7773 * 1.6091 * 1.6661 * 1.4741 * 1.1313 * 1.3784 *  .8273 *
   * 1.2939 * 1.4167 * 1.4012 * 1.5405 * 1.5951 * 1.4160 * 2.3888 *
   ***************************************************************
13 * 1.4611 * 1.6249 * 1.5389 * 1.5906 * 1.3788 * 1.3021 *  .6410 *
   * 1.5503 * 1.3889 * 1.4852 * 1.4322 * 1.4157 * 1.4763 * 2.8865 *
   ***************************************************************
14 * 1.7686 * 1.7671 * 1.6690 * 1.0631 *  .8274 *  .6542 *
   * 1.2834 * 1.2857 * 1.3669 * 1.9950 * 2.3887 * 2.8404 *
   ******************************************************
15 *  .8383 *  .8765 *  .8300 *  .5494 * F-SUB-Q
   * 2.4456 * 2.3293 * 2.4742 * 3.7968 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3554 * 1.3181 * 1.5106 * 1.4899 * 1.8323 * 1.4887 * 1.8254 *  .8497 *
   * 1.4802 * 1.7870 * 1.6238 * 1.6125 * 1.3159 * 1.5912 * 1.2954 * 2.5123 *
   ************************************************************************
 9 * 1.3181 * 1.6683 * 1.6122 * 1.7857 * 1.6483 * 1.6635 * 1.8245 *  .8855 *
   * 1.7870 * 1.5039 * 1.5126 * 1.3714 * 1.4507 * 1.4169 * 1.2988 * 2.4023 *
   ************************************************************************
10 * 1.5106 * 1.6118 * 1.6077 * 1.6515 * 1.7280 * 1.5854 * 1.7277 *  .8413 *
   * 1.6238 * 1.5129 * 1.5278 * 1.4693 * 1.4232 * 1.5188 * 1.3858 * 2.5547 *
   ************************************************************************
11 * 1.4899 * 1.7859 * 1.6519 * 1.6474 * 1.5546 * 1.6869 * 1.0962 *  .5590 *
   * 1.6125 * 1.3711 * 1.4690 * 1.5067 * 1.5469 * 1.4284 * 2.0563 * 3.9387 *
   ************************************************************************
12 * 1.8323 * 1.6491 * 1.7286 * 1.5550 * 1.2479 * 1.5272 *  .8718 *
   * 1.3159 * 1.4500 * 1.4227 * 1.5466 * 1.6144 * 1.4183 * 2.4404 *
   ****************************************************************
13 * 1.4887 * 1.6656 * 1.5864 * 1.6875 * 1.5276 * 1.4411 *  .6841 *
   * 1.5912 * 1.4150 * 1.5178 * 1.4280 * 1.4180 * 1.4829 * 2.9554 *
   ****************************************************************
14 * 1.8254 * 1.8262 * 1.7286 * 1.0964 *  .8718 *  .6990 *
   * 1.2954 * 1.2977 * 1.3850 * 2.0557 * 2.4402 * 2.9050 *
   ********************************************************
15 *  .8497 *  .8859 *  .8415 *  .5592 * F-SUB-Q
   * 2.5123 * 2.4014 * 2.5543 * 3.9375 * M-SUB-Q
   ************************************
```

AT 75% POWER, 200 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6329 * 1.3750 * 1.5394 * 1.5116 * 1.8661 * 1.5047 * 1.8592 *  .8593 *
   * 1.5155 * 1.8393 * 1.7015 * 1.6859 * 1.3691 * 1.6641 * 1.3398 * 2.6160 *
   ************************************************************************
 9 * 1.3750 * 1.7137 * 1.6451 * 1.8279 * 1.6736 * 1.6887 * 1.8605 *  .8943 *
   * 1.8393 * 1.5404 * 1.5804 * 1.4232 * 1.5144 * 1.4735 * 1.3432 * 2.5060 *
   ************************************************************************
10 * 1.5394 * 1.6447 * 1.6400 * 1.6893 * 1.7719 * 1.6196 * 1.7692 *  .8522 *
   * 1.7015 * 1.5808 * 1.5964 * 1.5310 * 1.4778 * 1.5830 * 1.4364 * 2.6675 *
   ************************************************************************
11 * 1.5116 * 1.8282 * 1.6897 * 1.7164 * 1.6272 * 1.7737 * 1.1278 *  .5689 *
   * 1.6859 * 1.4229 * 1.5307 * 1.5333 * 1.5812 * 1.4529 * 2.1347 * 4.1264 *
   ************************************************************************
12 * 1.8661 * 1.6744 * 1.7724 * 1.6276 * 1.4550 * 1.6859 *  .9182 *
   * 1.3691 * 1.5136 * 1.4773 * 1.5808 * 1.6480 * 1.4394 * 2.4958 *
   ****************************************************************
13 * 1.5047 * 1.6908 * 1.6206 * 1.7742 * 1.6863 * 1.5818 *  .7301 *
   * 1.6641 * 1.4716 * 1.5819 * 1.4525 * 1.4390 * 1.5111 * 3.0311 *
   ****************************************************************
14 * 1.8592 * 1.8623 * 1.7702 * 1.1280 *  .9183 *  .7459 *
   * 1.3398 * 1.3419 * 1.4356 * 2.1342 * 2.4956 * 2.9792 *
   ********************************************************
15 *  .8593 *  .8947 *  .8524 *  .5690 * F-SUB-Q
   * 2.6160 * 2.5050 * 2.6670 * 4.1251 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7650 * 1.4507 * 1.5746 * 1.5293 * 1.8980 * 1.5179 * 1.8908 *  .8634 *
   * 1.5799 * 1.9234 * 1.7922 * 1.7821 * 1.4384 * 1.7583 * 1.4001 * 2.7652 *
   ************************************************************************
 9 * 1.4507 * 1.7618 * 1.6744 * 1.8678 * 1.6988 * 1.7112 * 1.8942 *  .8965 *
   * 1.9234 * 1.6014 * 1.6678 * 1.4920 * 1.5972 * 1.5482 * 1.4035 * 2.6562 *
   ************************************************************************
10 * 1.5746 * 1.6739 * 1.6691 * 1.7224 * 1.8106 * 1.6504 * 1.8080 *  .8578 *
   * 1.7922 * 1.6682 * 1.6844 * 1.6126 * 1.5513 * 1.6666 * 1.5035 * 2.8248 *
   ************************************************************************
11 * 1.5293 * 1.8681 * 1.7227 * 1.7819 * 1.6861 * 1.8487 * 1.1507 *  .5739 *
   * 1.7821 * 1.4916 * 1.6123 * 1.5804 * 1.6381 * 1.4975 * 2.2118 * 4.3895 *
   ************************************************************************
12 * 1.8980 * 1.6996 * 1.8112 * 1.6865 * 1.5643 * 1.8071 *  .9515 *
   * 1.4384 * 1.5964 * 1.5507 * 1.6377 * 1.7102 * 1.4822 * 2.6060 *
   ****************************************************************
13 * 1.5179 * 1.7133 * 1.6513 * 1.8492 * 1.8076 * 1.6946 *  .7651 *
   * 1.7583 * 1.5461 * 1.6655 * 1.4971 * 1.4818 * 1.5568 * 3.1582 *
   ****************************************************************
14 * 1.8908 * 1.8959 * 1.8089 * 1.1510 *  .9515 *  .7819 *
   * 1.4001 * 1.4022 * 1.5027 * 2.2112 * 2.6057 * 3.1032 *
   ********************************************************
15 *  .8634 *  .8970 *  .8580 *  .5741 * F-SUB-Q
   * 2.7652 * 2.6550 * 2.8244 * 4.3879 * M-SUB-Q
   *************************************
```

AT 75% POWER, 200 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7937 * 1.4713 * 1.5772 * 1.5259 * 1.8855 * 1.5106 * 1.8779 *  .8704 *
   * 1.6889 * 2.0435 * 1.8980 * 1.9228 * 1.5564 * 1.8973 * 1.5100 * 2.9357 *
   ************************************************************************
 9 * 1.4713 * 1.7802 * 1.6729 * 1.8615 * 1.6958 * 1.7039 * 1.8829 *  .9094 *
   * 2.0435 * 1.7057 * 1.7848 * 1.6136 * 1.7250 * 1.6670 * 1.5133 * 2.8031 *
   ************************************************************************
10 * 1.5772 * 1.6724 * 1.6687 * 1.7237 * 1.8094 * 1.6513 * 1.8027 *  .8734 *
   * 1.8980 * 1.7854 * 1.7931 * 1.7205 * 1.6581 * 1.7849 * 1.6218 * 2.9769 *
   ************************************************************************
11 * 1.5259 * 1.8618 * 1.7240 * 1.7944 * 1.7026 * 1.8652 * 1.1751 *  .5830 *
   * 1.9228 * 1.6133 * 1.7202 * 1.6663 * 1.7256 * 1.5816 * 2.2961 * 4.6101 *
   ************************************************************************
12 * 1.8855 * 1.6966 * 1.8100 * 1.7030 * 1.5966 * 1.8452 *  .9858 *
   * 1.5564 * 1.7241 * 1.6575 * 1.7253 * 1.8185 * 1.5773 * 2.7068 *
   ****************************************************************
13 * 1.5106 * 1.7060 * 1.6522 * 1.8657 * 1.8457 * 1.7350 *  .7967 *
   * 1.8973 * 1.6650 * 1.7839 * 1.5812 * 1.5769 * 1.6570 * 3.2957 *
   ****************************************************************
14 * 1.8779 * 1.8846 * 1.8037 * 1.1754 *  .9859 *  .8133 *
   * 1.5100 * 1.5119 * 1.6208 * 2.2955 * 2.7064 * 3.2422 *
   ********************************************************
15 *  .8704 *  .9099 *  .8736 *  .5831 * F-SUB-Q
   * 2.9357 * 2.8020 * 2.9764 * 4.6087 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8406 * 1.4931 * 1.5980 * 1.5381 * 1.9197 * 1.5202 * 1.9150 *  .8659 *
   * 1.7595 * 2.1499 * 1.9958 * 2.0596 * 1.6516 * 2.0322 * 1.5931 * 3.1711 *
   ************************************************************************
 9 * 1.4931 * 1.8225 * 1.6950 * 1.9012 * 1.7176 * 1.7261 * 1.9216 *  .8996 *
   * 2.1499 * 1.7781 * 1.8756 * 1.6887 * 1.8384 * 1.7723 * 1.5958 * 3.0453 *
   ************************************************************************
10 * 1.5980 * 1.6944 * 1.6920 * 1.7491 * 1.8477 * 1.6754 * 1.8425 *  .8631 *
   * 1.9958 * 1.8761 * 1.8826 * 1.8051 * 1.7239 * 1.8724 * 1.7004 * 3.2408 *
   ************************************************************************
11 * 1.5381 * 1.9015 * 1.7495 * 1.8418 * 1.7368 * 1.9191 * 1.1762 *  .5795 *
   * 2.0596 * 1.6884 * 1.8047 * 1.7293 * 1.8030 * 1.6390 * 2.4433 * 4.9296 *
   ************************************************************************
12 * 1.9197 * 1.7183 * 1.8484 * 1.7372 * 1.6344 * 1.9111 *  .9890 *
   * 1.6516 * 1.8376 * 1.7233 * 1.8026 * 1.8959 * 1.6294 * 2.8777 *
   ****************************************************************
13 * 1.5202 * 1.7281 * 1.6763 * 1.9197 * 1.9116 * 1.7987 *  .8029 *
   * 2.0322 * 1.7701 * 1.8714 * 1.6386 * 1.6290 * 1.7172 * 3.5041 *
   ****************************************************************
14 * 1.9150 * 1.9234 * 1.8434 * 1.1765 *  .9891 *  .8203 *
   * 1.5931 * 1.5943 * 1.6995 * 2.4425 * 2.8774 * 3.4440 *
   ********************************************************
15 *  .8659 *  .8999 *  .8634 *  .5797 * F-SUB-Q
   * 3.1711 * 3.0445 * 3.2401 * 4.9280 * M-SUB-Q
   *************************************
```

AT 75% POWER, 200 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8472 * 1.4930 * 1.5960 * 1.5353 * 1.9218 * 1.5154 * 1.9194 *  .8648 *
   * 1.8122 * 2.2098 * 2.0483 * 2.1220 * 1.7161 * 2.1461 * 1.7128 * 3.4167 *
   ************************************************************************
 9 * 1.4930 * 1.8273 * 1.6943 * 1.9062 * 1.7173 * 1.7263 * 1.9270 *  .8983 *
   * 2.2098 * 1.8234 * 1.9244 * 1.7357 * 1.8974 * 1.8884 * 1.7118 * 3.2818 *
   ************************************************************************
10 * 1.5960 * 1.6937 * 1.6925 * 1.7511 * 1.8563 * 1.6773 * 1.8494 *  .8622 *
   * 2.0483 * 1.9250 * 1.9401 * 1.8626 * 1.7872 * 1.9522 * 1.7898 * 3.4735 *
   ************************************************************************
11 * 1.5353 * 1.9065 * 1.7514 * 1.8525 * 1.7441 * 1.9340 * 1.1801 *  .5792 *
   * 2.1220 * 1.7354 * 1.8623 * 1.7956 * 1.8818 * 1.7227 * 2.5699 * 5.2389 *
   ************************************************************************
12 * 1.9218 * 1.7181 * 1.8571 * 1.7445 * 1.6458 * 1.9332 *  .9957 *
   * 1.7161 * 1.8965 * 1.7865 * 1.8814 * 2.0141 * 1.7244 * 3.0570 *
   ****************************************************************
13 * 1.5154 * 1.7284 * 1.6781 * 1.9345 * 1.9336 * 1.8212 *  .8099 *
   * 2.1461 * 1.8860 * 1.9511 * 1.7222 * 1.7240 * 1.8162 * 3.7171 *
   ****************************************************************
14 * 1.9194 * 1.9287 * 1.8503 * 1.1805 *  .9958 *  .8273 *
   * 1.7128 * 1.7102 * 1.7888 * 2.5689 * 3.0566 * 3.6539 *
   ********************************************************
15 *  .8648 *  .8987 *  .8624 *  .5794 * F-SUB-Q
   * 3.4167 * 3.2807 * 3.4727 * 5.2369 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8233 * 1.4759 * 1.5755 * 1.5185 * 1.8954 * 1.4976 * 1.8960 *  .8643 *
   * 1.8116 * 2.2046 * 2.0448 * 2.1107 * 1.7113 * 2.1313 * 1.7048 * 3.3700 *
   ************************************************************************
 9 * 1.4759 * 1.8017 * 1.6745 * 1.8814 * 1.6981 * 1.7075 * 1.9043 *  .9016 *
   * 2.2046 * 1.8242 * 1.9175 * 1.7323 * 1.8896 * 1.8755 * 1.7015 * 3.2234 *
   ************************************************************************
10 * 1.5755 * 1.6739 * 1.6736 * 1.7328 * 1.8367 * 1.6601 * 1.8286 *  .8681 *
   * 2.0448 * 1.9181 * 1.9338 * 1.8549 * 1.7815 * 1.9436 * 1.7829 * 3.3900 *
   ************************************************************************
11 * 1.5185 * 1.8818 * 1.7331 * 1.8340 * 1.7297 * 1.9167 * 1.1849 *  .5793 *
   * 2.1107 * 1.7320 * 1.8545 * 1.7907 * 1.8738 * 1.7175 * 2.5245 * 5.1574 *
   ************************************************************************
12 * 1.8954 * 1.6988 * 1.8375 * 1.7301 * 1.6362 * 1.9207 * 1.0039 *
   * 1.7113 * 1.8887 * 1.7808 * 1.8733 * 2.0088 * 1.7299 * 3.0011 *
   ****************************************************************
13 * 1.4976 * 1.7096 * 1.6610 * 1.9172 * 1.9212 * 1.8115 *  .8178 *
   * 2.1313 * 1.8732 * 1.9424 * 1.7170 * 1.7295 * 1.8397 * 3.6970 *
   ****************************************************************
14 * 1.8960 * 1.9060 * 1.8295 * 1.1853 * 1.0040 *  .8344 *
   * 1.7048 * 1.7000 * 1.7820 * 2.5236 * 3.0006 * 3.6390 *
   ******************************************************
15 *  .8643 *  .9021 *  .8683 *  .5795 * F-SUB-Q
   * 3.3700 * 3.2221 * 3.3893 * 5.1555 * M-SUB-Q
   *************************************
```

AT 75% POWER, 200 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8353 * 1.4717 * 1.5744 * 1.5158 * 1.9104 * 1.4938 * 1.9174 *  .8534 *
   * 1.7704 * 2.1618 * 1.9947 * 2.0545 * 1.6524 * 2.0689 * 1.6314 * 3.2904 *
   ************************************************************************
 9 * 1.4717 * 1.8118 * 1.6766 * 1.8993 * 1.7015 * 1.7150 * 1.9265 *  .8854 *
   * 2.1618 * 1.7745 * 1.8665 * 1.6736 * 1.8371 * 1.8132 * 1.6323 * 3.1636 *
   ************************************************************************
10 * 1.5744 * 1.6760 * 1.6764 * 1.7377 * 1.8556 * 1.6652 * 1.8498 *  .8508 *
   * 1.9947 * 1.8671 * 1.8847 * 1.8061 * 1.7256 * 1.8912 * 1.7182 * 3.3460 *
   ************************************************************************
11 * 1.5158 * 1.8997 * 1.7380 * 1.8534 * 1.7378 * 1.9409 * 1.1712 *  .5690 *
   * 2.0545 * 1.6733 * 1.8057 * 1.7397 * 1.8316 * 1.6687 * 2.4902 * 5.0402 *
   ************************************************************************
12 * 1.9104 * 1.7023 * 1.8564 * 1.7382 * 1.6461 * 1.9498 *  .9896 *
   * 1.6524 * 1.8363 * 1.7249 * 1.8311 * 1.9680 * 1.6788 * 2.9568 *
   ****************************************************************
13 * 1.4938 * 1.7171 * 1.6661 * 1.9415 * 1.9503 * 1.8392 *  .8076 *
   * 2.0689 * 1.8110 * 1.8901 * 1.6682 * 1.6785 * 1.7790 * 3.6190 *
   ****************************************************************
14 * 1.9174 * 1.9283 * 1.8508 * 1.1716 *  .9897 *  .8248 *
   * 1.6314 * 1.6308 * 1.7173 * 2.4893 * 2.9565 * 3.5588 *
   ******************************************************
15 *  .8534 *  .8857 *  .8511 *  .5692 * F-SUB-Q
   * 3.2904 * 3.1626 * 3.3452 * 5.0385 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8246	1.4562	1.5593	1.5029	1.9023	1.4801	1.9147	.8455
	1.6193	1.9853	1.8384	1.9049	1.5291	1.9229	1.5111	3.0508
9	1.4562	1.7997	1.6638	1.8925	1.6900	1.7067	1.9244	.8743
	1.9853	1.6239	1.7236	1.5444	1.7001	1.6805	1.5092	2.9403
10	1.5593	1.6631	1.6641	1.7266	1.8503	1.6552	1.8475	.8411
	1.8384	1.7242	1.7384	1.6685	1.5857	1.7454	1.5809	3.0939
11	1.5029	1.8928	1.7269	1.8483	1.7295	1.9397	1.1608	.5611
	1.9049	1.5442	1.6682	1.5932	1.6785	1.5220	2.2873	4.6635
12	1.9023	1.6908	1.8511	1.7299	1.6405	1.9522	.9793	
	1.5291	1.6994	1.5851	1.6781	1.7981	1.5269	2.7172	
13	1.4801	1.7087	1.6560	1.9402	1.9527	1.8425	.8010	
	1.9229	1.6787	1.7446	1.5216	1.5265	1.6181	3.3224	
14	1.9147	1.9262	1.8484	1.1613	.9794	.8181		
	1.5111	1.5080	1.5802	2.2864	2.7169	3.2672		
15	.8455	.8748	.8414	.5613	F-SUB-Q			
	3.0508	2.9388	3.0932	4.6619	M-SUB-Q			

AT 75% POWER, 200 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8013	1.4346	1.5373	1.4833	1.8808	1.4611	1.8971	.8363
	1.5031	1.8495	1.7146	1.7680	1.4162	1.7868	1.3993	2.8341
9	1.4346	1.7747	1.6429	1.8708	1.6690	1.6892	1.9072	.8676
	1.8495	1.5117	1.6057	1.4369	1.5831	1.5561	1.3960	2.7221
10	1.5373	1.6422	1.6431	1.7058	1.8308	1.6363	1.8307	.8335
	1.7146	1.6063	1.6198	1.5535	1.4729	1.6237	1.4658	2.8605
11	1.4833	1.8711	1.7061	1.8289	1.7104	1.9225	1.1516	.5549
	1.7680	1.4367	1.5533	1.4792	1.5589	1.4086	2.1180	4.3409
12	1.8808	1.6698	1.8316	1.7108	1.6246	1.9377	.9733	
	1.4162	1.5824	1.4724	1.5586	1.6632	1.4081	2.5069	
13	1.4611	1.6911	1.6371	1.9230	1.9382	1.8297	.7953	
	1.7868	1.5545	1.6229	1.4082	1.4077	1.4898	3.0647	
14	1.8971	1.9089	1.8316	1.1521	.9734	.8120		
	1.3993	1.3949	1.4651	2.1172	2.5066	3.0147		
15	.8363	.8680	.8337	.5551	F-SUB-Q			
	2.8341	2.7211	2.8598	4.3394	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7602	1.4050	1.5047	1.4558	1.8405	1.4344	1.8594	.8295
	1.5343	1.8875	1.7514	1.7965	1.4428	1.8176	1.4252	2.8579
9	1.4050	1.7327	1.6105	1.8287	1.6362	1.6600	1.8695	.8637
	1.8875	1.5480	1.6331	1.4638	1.6085	1.5803	1.4208	2.7341
10	1.5047	1.6098	1.6102	1.6724	1.7907	1.6056	1.7943	.8317
	1.7514	1.6337	1.6518	1.5803	1.5055	1.6501	1.4878	2.8602
11	1.4558	1.8291	1.6727	1.7887	1.6782	1.8843	1.1445	.5506
	1.7965	1.4636	1.5800	1.5131	1.5896	1.4359	2.1310	4.3661
12	1.8405	1.6370	1.7914	1.6786	1.5966	1.9012	.9693	
	1.4428	1.6078	1.5049	1.5892	1.6883	1.4308	2.5158	
13	1.4344	1.6618	1.6064	1.8848	1.9017	1.7972	.7926	
	1.8176	1.5786	1.6493	1.4355	1.4304	1.5109	3.0706	
14	1.8594	1.8712	1.7953	1.1450	.9695	.8081		
	1.4252	1.4197	1.4871	2.1301	2.5154	3.0248		
15	.8295	.8641	.8319	.5508	F-SUB-Q			
	2.8579	2.7330	2.8598	4.3645	M-SUB-Q			

AT 75% POWER, 200 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7551	1.3873	1.4906	1.4395	1.8390	1.4189	1.8638	.8099
	1.4225	1.7728	1.6422	1.6933	1.3454	1.7142	1.3258	2.7341
9	1.3873	1.7262	1.5976	1.8273	1.6235	1.6527	1.8743	.8373
	1.7728	1.4417	1.5317	1.3633	1.5097	1.4797	1.3207	2.6339
10	1.4906	1.5969	1.5971	1.6598	1.7874	1.5947	1.7982	.8058
	1.6422	1.5323	1.5487	1.4818	1.4009	1.5447	1.3806	2.7531
11	1.4395	1.8276	1.6601	1.7847	1.6665	1.8866	1.1171	.5338
	1.6933	1.3630	1.4816	1.4103	1.4884	1.3334	2.0274	4.1903
12	1.8390	1.6243	1.7882	1.6669	1.5873	1.9063	.9409	
	1.3454	1.5090	1.4004	1.4880	1.5778	1.3287	2.4168	
13	1.4189	1.6545	1.5955	1.8872	1.9068	1.8028	.7709	
	1.7142	1.4781	1.5439	1.3330	1.3284	1.4024	2.9469	
14	1.8638	1.8761	1.7992	1.1175	.9410	.7870		
	1.3258	1.3196	1.3800	2.0265	2.4165	2.8991		
15	.8099	.8376	.8060	.5340	F-SUB-Q			
	2.7341	2.6333	2.7525	4.1887	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7158 * 1.3545 * 1.4578 * 1.4068 * 1.8003 * 1.3884 * 1.8279 *  .7908 *
   * 1.3575 * 1.7000 * 1.5776 * 1.6313 * 1.2930 * 1.6502 * 1.2723 * 2.6409 *
   ************************************************************************
 9 * 1.3545 * 1.6863 * 1.5634 * 1.7863 * 1.5874 * 1.6214 * 1.8386 *  .8177 *
   * 1.7000 * 1.3820 * 1.4719 * 1.3111 * 1.4526 * 1.4196 * 1.2668 * 2.5431 *
   ************************************************************************
10 * 1.4578 * 1.5627 * 1.5621 * 1.6231 * 1.7455 * 1.5615 * 1.7639 *  .7870 *
   * 1.5776 * 1.4725 * 1.4887 * 1.4244 * 1.3471 * 1.4828 * 1.3226 * 2.6557 *
   ************************************************************************
11 * 1.4068 * 1.7866 * 1.6235 * 1.7421 * 1.6295 * 1.8481 * 1.0922 *  .5204 *
   * 1.6313 * 1.3109 * 1.4242 * 1.3546 * 1.4272 * 1.2742 * 1.9462 * 4.0450 *
   ************************************************************************
12 * 1.8003 * 1.5882 * 1.7462 * 1.6299 * 1.5545 * 1.8686 *  .9189 *
   * 1.2930 * 1.4519 * 1.3466 * 1.4268 * 1.5045 * 1.2666 * 2.3169 *
   ****************************************************************
13 * 1.3884 * 1.6232 * 1.5623 * 1.8486 * 1.8691 * 1.7694 *  .7531 *
   * 1.6502 * 1.4181 * 1.4821 * 1.2739 * 1.2663 * 1.3371 * 2.8258 *
   ****************************************************************
14 * 1.8279 * 1.8403 * 1.7649 * 1.0927 *  .9190 *  .7687 *
   * 1.2723 * 1.2658 * 1.3220 * 1.9453 * 2.3166 * 2.7803 *
   ********************************************************
15 *  .7908 *  .8180 *  .7873 *  .5206 * F-SUB-Q
   * 2.6409 * 2.5426 * 2.6551 * 4.0435 * M-SUB-Q
   ************************************
```

AT 75% POWER, 200 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6319 * 1.3013 * 1.4014 * 1.3518 * 1.7132 * 1.3374 * 1.7397 *  .7692 *
   * 1.3512 * 1.6781 * 1.5588 * 1.6138 * 1.2898 * 1.6291 * 1.2699 * 2.5853 *
   ************************************************************************
 9 * 1.3013 * 1.6037 * 1.5017 * 1.6944 * 1.5209 * 1.5580 * 1.7502 *  .8016 *
   * 1.6781 * 1.3781 * 1.4555 * 1.3123 * 1.4404 * 1.4038 * 1.2639 * 2.4701 *
   ************************************************************************
10 * 1.4014 * 1.5010 * 1.4993 * 1.5555 * 1.6541 * 1.4989 * 1.6799 *  .7733 *
   * 1.5588 * 1.4561 * 1.4733 * 1.4106 * 1.3488 * 1.4666 * 1.3180 * 2.5721 *
   ************************************************************************
11 * 1.3518 * 1.6947 * 1.5558 * 1.6505 * 1.5595 * 1.7567 * 1.0660 *  .5087 *
   * 1.6138 * 1.3120 * 1.4103 * 1.3555 * 1.4139 * 1.2693 * 1.8928 * 3.9369 *
   ************************************************************************
12 * 1.7132 * 1.5217 * 1.6548 * 1.5598 * 1.4909 * 1.7755 *  .8999 *
   * 1.2898 * 1.4397 * 1.3483 * 1.4136 * 1.4836 * 1.2594 * 2.2416 *
   ****************************************************************
13 * 1.3374 * 1.5597 * 1.4997 * 1.7572 * 1.7760 * 1.6848 *  .7363 *
   * 1.6291 * 1.4022 * 1.4658 * 1.2689 * 1.2591 * 1.3255 * 2.7354 *
   ****************************************************************
14 * 1.7397 * 1.7518 * 1.6808 * 1.0664 *  .9000 *  .7506 *
   * 1.2699 * 1.2628 * 1.3174 * 1.8920 * 2.2413 * 2.6951 *
   ********************************************************
15 *  .7692 *  .8020 *  .7736 *  .5089 * F-SUB-Q
   * 2.5853 * 2.4691 * 2.5712 * 3.9355 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5614 * 1.2478 * 1.3516 * 1.2928 * 1.6380 * 1.2827 * 1.6642 *  .7252 *
   * 1.3522 * 1.6770 * 1.5498 * 1.6186 * 1.2937 * 1.6298 * 1.2726 * 2.6350 *
   ************************************************************************
 9 * 1.2478 * 1.5353 * 1.4447 * 1.6162 * 1.4573 * 1.4966 * 1.6746 *  .7521 *
   * 1.6770 * 1.3796 * 1.4513 * 1.3184 * 1.4411 * 1.4016 * 1.2662 * 2.5298 *
   ************************************************************************
10 * 1.3516 * 1.4440 * 1.4422 * 1.4917 * 1.5721 * 1.4400 * 1.6086 *  .7233 *
   * 1.5498 * 1.4520 * 1.4684 * 1.4103 * 1.3581 * 1.4631 * 1.3190 * 2.6419 *
   ************************************************************************
11 * 1.2928 * 1.6166 * 1.4920 * 1.5666 * 1.4922 * 1.6773 * 1.0041 *  .4792 *
   * 1.6186 * 1.3182 * 1.4101 * 1.3676 * 1.4151 * 1.2720 * 1.9265 * 4.0165 *
   ************************************************************************
12 * 1.6380 * 1.4581 * 1.5727 * 1.4926 * 1.4274 * 1.6930 *  .8436 *
   * 1.2937 * 1.4404 * 1.3577 * 1.4148 * 1.4821 * 1.2624 * 2.2913 *
   ****************************************************************
13 * 1.2827 * 1.4985 * 1.4408 * 1.6778 * 1.6935 * 1.6095 *  .6902 *
   * 1.6298 * 1.4000 * 1.4623 * 1.2717 * 1.2620 * 1.3257 * 2.7948 *
   ****************************************************************
14 * 1.6642 * 1.6762 * 1.6095 * 1.0045 *  .8437 *  .7042 *
   * 1.2726 * 1.2651 * 1.3183 * 1.9258 * 2.2910 * 2.7510 *
   ********************************************************
15 *  .7252 *  .7525 *  .7236 *  .4794 * F-SUB-Q
   * 2.6350 * 2.5288 * 2.6412 * 4.0150 * M-SUB-Q
   ************************************
```

AT 75% POWER, 200 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4050 * 1.1464 * 1.2421 * 1.1808 * 1.4671 * 1.1715 * 1.4879 *  .6630 *
   * 1.4524 * 1.7652 * 1.6314 * 1.7144 * 1.3956 * 1.7267 * 1.3764 * 2.7940 *
   ************************************************************************
 9 * 1.1464 * 1.3865 * 1.3236 * 1.4520 * 1.3296 * 1.3622 * 1.4979 *  .6853 *
   * 1.7652 * 1.4773 * 1.5318 * 1.4188 * 1.5267 * 1.4905 * 1.3687 * 2.6915 *
   ************************************************************************
10 * 1.2421 * 1.3230 * 1.3181 * 1.3643 * 1.4124 * 1.3158 * 1.4410 *  .6590 *
   * 1.6314 * 1.5324 * 1.5534 * 1.4899 * 1.4610 * 1.5478 * 1.4244 * 2.8116 *
   ************************************************************************
11 * 1.1808 * 1.4522 * 1.3646 * 1.4037 * 1.3588 * 1.4994 *  .9126 *  .4378 *
   * 1.7144 * 1.4186 * 1.4897 * 1.4742 * 1.5013 * 1.3742 * 2.0520 * 4.2667 *
   ************************************************************************
12 * 1.4671 * 1.3303 * 1.4129 * 1.3591 * 1.2943 * 1.5078 *  .7683 *
   * 1.3956 * 1.5259 * 1.4606 * 1.5010 * 1.5788 * 1.3682 * 2.4350 *
   ****************************************************************
13 * 1.1715 * 1.3639 * 1.3164 * 1.4998 * 1.5083 * 1.4350 *  .6260 *
   * 1.7267 * 1.4886 * 1.5470 * 1.3738 * 1.3678 * 1.4356 * 2.9826 *
   ****************************************************************
14 * 1.4879 * 1.4993 * 1.4418 *  .9129 *  .7683 *  .6387 *
   * 1.3764 * 1.3674 * 1.4236 * 2.0513 * 2.4346 * 2.9364 *
   ********************************************************
15 *  .6630 *  .6858 *  .6592 *  .4379 * F-SUB-Q
   * 2.7940 * 2.6901 * 2.8110 * 4.2651 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 200 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1568	.9379	1.0077	.9589	1.1966	.9442	1.2163	.5424
	1.7198	2.1010	1.9581	2.0567	1.6674	2.0868	1.6411	3.3370
9	.9379	1.1778	1.0750	1.2280	1.0546	1.0902	1.2249	.5590
	2.1010	1.6997	1.8364	1.6325	1.8731	1.8134	1.6310	3.2228
10	1.0077	1.0746	1.0383	1.1098	1.2060	1.0620	1.1600	.5335
	1.9581	1.8371	1.9192	1.7823	1.6656	1.8673	1.7240	3.3923
11	.9589	1.2282	1.1100	1.2036	1.0749	1.2252	.7393	.3593
	2.0567	1.6322	1.7821	1.6719	1.8459	1.6369	2.4712	5.0846
12	1.1966	1.0551	1.2063	1.0752	1.0059	1.2314	.6308	
	1.6674	1.8723	1.6650	1.8455	1.9768	1.6312	2.8933	
13	.9442	1.0915	1.0626	1.2255	1.2317	1.1118	.5027	
	2.0868	1.8110	1.8663	1.6366	1.6307	1.8053	3.6272	
14	1.2163	1.2260	1.1606	.7395	.6309	.5121		
	1.6411	1.6296	1.7232	2.4703	2.8927	3.5753		
15	.5424	.5593	.5337	.3594	F-SUB-Q			
	3.3370	3.2212	3.3917	5.0828	M-SUB-Q			

AT 75% POWER, 200 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4926	.4199	.4162	.4259	.5035	.4166	.4587	.2352
	3.9471	4.5902	4.6270	4.5248	3.8715	4.6257	4.2516	7.5386
9	.4199	.4867	.4399	.5131	.4336	.4339	.4605	.2379
	4.5902	4.0108	4.3782	3.8127	4.4438	4.4463	4.2367	7.4172
10	.4162	.4398	.4180	.4566	.5121	.4336	.4333	.2245
	4.6270	4.3793	4.6475	4.2226	3.8242	4.4622	4.5085	7.9006
11	.4259	.5132	.4567	.5097	.4333	.4834	.3193	.1582
	4.5248	3.8120	4.2219	3.8499	4.4629	4.0527	5.5966	11.3305
12	.5035	.4338	.5123	.4334	.4058	.4621	.2674	
	3.8715	4.4420	3.8231	4.4620	4.7834	4.2432	6.6842	
13	.4166	.4345	.4338	.4835	.4623	.4076	.2098	
	4.6257	4.4405	4.4598	4.0516	4.2420	4.8117	8.5118	
14	.4587	.4609	.4335	.3194	.2675	.2131		
	4.2516	4.2332	4.5063	5.5951	6.6817	8.4170		
15	.2352	.2380	.2245	.1582	F-SUB-Q			
	7.5386	7.4143	7.8983	11.3259	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.4320	.4908	.5334	.5563	.6406	.5525	.5811	.3275
	3.5104	3.9303	3.7789	3.6195	3.2932	3.6747	3.6980	5.6974
9	.4908	.5881	.5605	.6375	.5573	.5551	.5783	.3265
	3.9303	3.6499	3.6140	3.3203	3.5932	3.6423	3.7137	5.7562
10	.5334	.5604	.5347	.5709	.6247	.5389	.5373	.3036
	3.7789	3.6146	3.8511	3.5285	3.3731	3.7092	3.9033	6.2207
11	.5563	.6376	.5710	.6016	.4980	.5339	.3831	.2279
	3.6195	3.3199	3.5280	3.5492	4.0031	3.8978	4.8853	8.1785
12	.6406	.5575	.6249	.4981	.3780	.4218	.2937	
	3.2932	3.5921	3.3724	4.0026	4.1180	4.0132	5.8478	
13	.5525	.5559	.5392	.5340	.4218	.3626	.2144	
	3.6747	3.6370	3.7076	3.8974	4.0133	4.4082	7.3123	
14	.5811	.5789	.5375	.3831	.2936	.2182		
	3.6980	3.7105	3.9020	4.8855	5.8497	7.2892		
15	.3275	.3265	.3036	.2279	F-SUB-Q			
	5.6974	5.7587	6.2213	8.1786	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.8563	.9592	1.1170	1.1001	1.2836	1.0934	1.2914	.6760
	1.8404	2.0515	1.8595	1.8872	1.6941	1.9077	1.7148	2.8459
9	.9592	1.2111	1.1787	1.3034	1.1806	1.1925	1.2873	.6919
	2.0515	1.8107	1.7638	1.6726	1.7506	1.7500	1.7043	2.7766
10	1.1170	1.1785	1.1468	1.2046	1.2559	1.1460	1.2026	.6494
	1.8595	1.7641	1.8450	1.7173	1.7291	1.8008	1.7955	2.9858
11	1.1001	1.3035	1.2048	1.2079	1.0715	1.1408	.7903	.4617
	1.8872	1.6724	1.7171	1.8065	1.8885	1.8518	2.4433	4.1643
12	1.2836	1.1809	1.2562	1.0716	.7977	.9500	.6236	
	1.6941	1.7501	1.7288	1.8884	1.9784	1.8235	2.7981	
13	1.0934	1.1938	1.1465	1.1409	.9500	.8415	.4714	
	1.9077	1.7480	1.8000	1.8517	1.8235	1.9933	3.3857	
14	1.2914	1.2883	1.2029	.7902	.6233	.4748		
	1.7148	1.7032	1.7950	2.4436	2.7989	3.4113		
15	.6760	.6922	.6493	.4617	F-SUB-Q			
	2.8459	2.7774	2.9863	4.1645	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.0319 * 1.1276 * 1.3111 * 1.3009 * 1.5387 * 1.2963 * 1.5421 *  .8035 *
   * 1.5837 * 1.7733 * 1.6144 * 1.6276 * 1.4407 * 1.6355 * 1.4390 * 2.4017 *
   ************************************************************************
 9 * 1.1276 * 1.4064 * 1.3878 * 1.5323 * 1.4251 * 1.4186 * 1.5378 *  .8348 *
   * 1.7733 * 1.5861 * 1.5227 * 1.4489 * 1.4788 * 1.4906 * 1.4398 * 2.3248 *
   ************************************************************************
10 * 1.3111 * 1.3876 * 1.3804 * 1.4280 * 1.4686 * 1.3616 * 1.4409 *  .7905 *
   * 1.6144 * 1.5229 * 1.5417 * 1.4738 * 1.5108 * 1.5451 * 1.5245 * 2.4927 *
   ************************************************************************
11 * 1.3009 * 1.5324 * 1.4282 * 1.3919 * 1.2969 * 1.3661 *  .9597 *  .5444 *
   * 1.6276 * 1.4488 * 1.4737 * 1.5872 * 1.5815 * 1.5672 * 2.0525 * 3.6027 *
   ************************************************************************
12 * 1.5387 * 1.4255 * 1.4689 * 1.2971 *  .9738 * 1.1429 *  .7539 *
   * 1.4407 * 1.4784 * 1.5105 * 1.5813 * 1.6600 * 1.5463 * 2.3499 *
   ****************************************************************
13 * 1.2963 * 1.4200 * 1.3621 * 1.3662 * 1.1430 * 1.0302 *  .5690 *
   * 1.6355 * 1.4891 * 1.5444 * 1.5671 * 1.5463 * 1.6602 * 2.8531 *
   ****************************************************************
14 * 1.5421 * 1.5389 * 1.4413 *  .9596 *  .7537 *  .5784 *
   * 1.4390 * 1.4389 * 1.5241 * 2.0527 * 2.3504 * 2.8486 *
   ********************************************************
15 *  .8035 *  .8351 *  .7904 *  .5443 * F-SUB-Q
   * 2.4017 * 2.3255 * 2.4931 * 3.6029 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1377 * 1.2092 * 1.4098 * 1.4058 * 1.7037 * 1.3938 * 1.7164 *  .8540 *
   * 1.4637 * 1.6813 * 1.5327 * 1.5378 * 1.3274 * 1.5499 * 1.3123 * 2.2927 *
   ************************************************************************
 9 * 1.2092 * 1.5499 * 1.5024 * 1.7092 * 1.5462 * 1.5425 * 1.7123 *  .8868 *
   * 1.6813 * 1.4680 * 1.4356 * 1.3252 * 1.3906 * 1.3943 * 1.3137 * 2.2222 *
   ************************************************************************
10 * 1.4098 * 1.5021 * 1.4928 * 1.5543 * 1.6325 * 1.4778 * 1.6042 *  .8372 *
   * 1.5327 * 1.4358 * 1.4524 * 1.3817 * 1.3831 * 1.4529 * 1.3953 * 2.3977 *
   ************************************************************************
11 * 1.4058 * 1.7094 * 1.5545 * 1.5592 * 1.4177 * 1.5260 * 1.0268 *  .5746 *
   * 1.5378 * 1.3250 * 1.3815 * 1.4420 * 1.4743 * 1.4284 * 1.9577 * 3.4874 *
   ************************************************************************
12 * 1.7037 * 1.5466 * 1.6329 * 1.4179 * 1.0563 * 1.2831 *  .8033 *
   * 1.3274 * 1.3902 * 1.3828 * 1.4741 * 1.5545 * 1.4080 * 2.2518 *
   ****************************************************************
13 * 1.3938 * 1.5439 * 1.4784 * 1.5262 * 1.2832 * 1.1553 *  .6068 *
   * 1.5499 * 1.3930 * 1.4522 * 1.4283 * 1.4079 * 1.5163 * 2.7389 *
   ****************************************************************
14 * 1.7164 * 1.7134 * 1.6047 * 1.0266 *  .8031 *  .6193 *
   * 1.3123 * 1.3129 * 1.3949 * 1.9579 * 2.2521 * 2.7235 *
   ********************************************************
15 *  .8540 *  .8870 *  .8371 *  .5746 * F-SUB-Q
   * 2.2927 * 2.2229 * 2.3982 * 3.4875 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1747 * 1.2347 * 1.4329 * 1.4334 * 1.7527 * 1.4155 * 1.7711 *  .8729 *
   * 1.4562 * 1.6886 * 1.5465 * 1.5420 * 1.3183 * 1.5608 * 1.3001 * 2.2948 *
   ************************************************************************
 9 * 1.2347 * 1.5965 * 1.5355 * 1.7716 * 1.5828 * 1.5748 * 1.7675 *  .9060 *
   * 1.6886 * 1.4560 * 1.4403 * 1.3084 * 1.3883 * 1.3977 * 1.3018 * 2.2257 *
   ************************************************************************
10 * 1.4329 * 1.5352 * 1.5228 * 1.5951 * 1.7029 * 1.5107 * 1.6569 *  .8562 *
   * 1.5465 * 1.4406 * 1.4612 * 1.3779 * 1.3551 * 1.4518 * 1.3803 * 2.3999 *
   ************************************************************************
11 * 1.4334 * 1.7717 * 1.5953 * 1.6300 * 1.4604 * 1.5838 * 1.0559 *  .5850 *
   * 1.5420 * 1.3083 * 1.3777 * 1.4130 * 1.4674 * 1.4100 * 1.9465 * 3.4972 *
   ************************************************************************
12 * 1.7527 * 1.5832 * 1.7033 * 1.4606 * 1.0907 * 1.3388 *  .8288 *
   * 1.3183 * 1.3880 * 1.3548 * 1.4672 * 1.5551 * 1.3895 * 2.2467 *
   ****************************************************************
13 * 1.4155 * 1.5761 * 1.5112 * 1.5839 * 1.3390 * 1.2062 *  .6269 *
   * 1.5608 * 1.3965 * 1.4513 * 1.4099 * 1.3894 * 1.4997 * 2.7402 *
   ****************************************************************
14 * 1.7711 * 1.7685 * 1.6574 * 1.0558 *  .8286 *  .6402 *
   * 1.3001 * 1.3011 * 1.3800 * 1.9467 * 2.2469 * 2.7233 *
   ********************************************************
15 *  .8729 *  .9064 *  .8561 *  .5849 * F-SUB-Q
   * 2.2948 * 2.2262 * 2.4004 * 3.4972 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1916 * 1.2480 * 1.4325 * 1.4345 * 1.7586 * 1.4106 * 1.7782 *  .8767 *
   * 1.4857 * 1.7297 * 1.5934 * 1.5831 * 1.3487 * 1.6040 * 1.3232 * 2.3359 *
   ************************************************************************
 9 * 1.2480 * 1.6100 * 1.5406 * 1.7870 * 1.5871 * 1.5746 * 1.7756 *  .9102 *
   * 1.7297 * 1.4775 * 1.4771 * 1.3330 * 1.4237 * 1.4279 * 1.3241 * 2.2651 *
   ************************************************************************
10 * 1.4325 * 1.5403 * 1.5262 * 1.6041 * 1.7264 * 1.5153 * 1.6671 *  .8650 *
   * 1.5934 * 1.4774 * 1.4989 * 1.4100 * 1.3780 * 1.4903 * 1.4075 * 2.4326 *
   ************************************************************************
11 * 1.4345 * 1.7872 * 1.6043 * 1.6570 * 1.4766 * 1.6059 * 1.0703 *  .5878 *
   * 1.5831 * 1.3329 * 1.4098 * 1.4291 * 1.4951 * 1.4338 * 1.9865 * 3.5905 *
   ************************************************************************
12 * 1.7585 * 1.5875 * 1.7268 * 1.4768 * 1.1109 * 1.3679 *  .8459 *
   * 1.3487 * 1.4233 * 1.3777 * 1.4949 * 1.5964 * 1.4185 * 2.2889 *
   ****************************************************************
13 * 1.4106 * 1.5758 * 1.5157 * 1.6060 * 1.3681 * 1.2362 *  .6452 *
   * 1.6040 * 1.4267 * 1.4898 * 1.4337 * 1.4184 * 1.5359 * 2.7975 *
   ****************************************************************
14 * 1.7782 * 1.7766 * 1.6675 * 1.0702 *  .8458 *  .6577 *
   * 1.3232 * 1.3234 * 1.4072 * 1.9866 * 2.2889 * 2.7850 *
   ********************************************************
15 *  .8767 *  .9105 *  .8649 *  .5878 * F-SUB-Q
   * 2.3359 * 2.2657 * 2.4331 * 3.5905 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2286	1.2576	1.4386	1.4349	1.7687	1.4045	1.7899	.8692
	1.5135	1.7739	1.6568	1.6458	1.3921	1.6690	1.3565	2.4305
9	1.2576	1.6427	1.5495	1.8098	1.5933	1.5761	1.7888	.9015
	1.7739	1.4937	1.5319	1.3699	1.4757	1.4756	1.3578	2.3605
10	1.4386	1.5491	1.5354	1.6153	1.7564	1.5240	1.6846	.8552
	1.6568	1.5322	1.5545	1.4599	1.4153	1.5450	1.4467	2.5500
11	1.4349	1.8099	1.6155	1.6965	1.5032	1.6429	1.0735	.5841
	1.6458	1.3697	1.4597	1.4431	1.5218	1.4534	2.0774	3.7732
12	1.7687	1.5937	1.7567	1.5034	1.1360	1.4231	.8585	
	1.3921	1.4753	1.4150	1.5216	1.6403	1.4459	2.3713	
13	1.4045	1.5772	1.5244	1.6431	1.4232	1.2932	.6598	
	1.6690	1.4744	1.5445	1.4533	1.4457	1.5677	2.9081	
14	1.7899	1.7898	1.6849	1.0734	.8584	.6731		
	1.3565	1.3571	1.4464	2.0774	2.3713	2.8932		
15	.8692	.9018	.8551	.5841	F-SUB-Q			
	2.4305	2.3611	2.5505	3.7731	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.3282	1.2855	1.4430	1.4322	1.7680	1.3943	1.7875	.8634
	1.5568	1.8330	1.7480	1.7353	1.4622	1.7613	1.4178	2.5529
9	1.2855	1.6747	1.5550	1.8206	1.5943	1.5706	1.7884	.8945
	1.8330	1.5368	1.6133	1.4348	1.5533	1.5492	1.4192	2.4835
10	1.4430	1.5545	1.5422	1.6223	1.7784	1.5289	1.6913	.8509
	1.7480	1.6137	1.6376	1.5351	1.4815	1.6263	1.5146	2.6868
11	1.4322	1.8207	1.6225	1.7354	1.5371	1.6821	1.0829	.5839
	1.7353	1.4347	1.5350	1.4825	1.5697	1.4944	2.1750	3.9894
12	1.7680	1.5946	1.7787	1.5373	1.2114	1.5138	.8836	
	1.4622	1.5529	1.4813	1.5695	1.6892	1.4840	2.4479	
13	1.3943	1.5717	1.5293	1.6822	1.5140	1.3773	.6877	
	1.7613	1.5480	1.6258	1.4943	1.4839	1.6141	3.0092	
14	1.7875	1.7894	1.6916	1.0829	.8835	.7014		
	1.4178	1.4185	1.5143	2.1750	2.4478	2.9940		
15	.8634	.8948	.8508	.5839	F-SUB-Q			
	2.5529	2.4842	2.6872	3.9893	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5668 * 1.3284 * 1.4609 * 1.4326 * 1.7736 * 1.3877 * 1.7904 *  .8558 *
   * 1.6229 * 1.9184 * 1.8207 * 1.8434 * 1.5454 * 1.8715 * 1.4918 * 2.7132 *
   ************************************************************************
 9 * 1.3284 * 1.7286 * 1.5660 * 1.8382 * 1.5995 * 1.5692 * 1.7936 *  .8855 *
   * 1.9184 * 1.5956 * 1.7107 * 1.5125 * 1.6466 * 1.6379 * 1.4933 * 2.6443 *
   ************************************************************************
10 * 1.4609 * 1.5655 * 1.5548 * 1.6337 * 1.8082 * 1.5390 * 1.7043 *  .8451 *
   * 1.8207 * 1.7112 * 1.7271 * 1.6264 * 1.5377 * 1.7234 * 1.5957 * 2.8623 *
   ************************************************************************
11 * 1.4326 * 1.8384 * 1.6338 * 1.7854 * 1.5822 * 1.7381 * 1.0928 *  .5822 *
   * 1.8434 * 1.5124 * 1.6263 * 1.5374 * 1.6359 * 1.5514 * 2.2684 * 4.2688 *
   ************************************************************************
12 * 1.7736 * 1.5998 * 1.8084 * 1.5824 * 1.3617 * 1.6465 *  .9116 *
   * 1.5454 * 1.6462 * 1.5375 * 1.6357 * 1.7634 * 1.5394 * 2.5687 *
   ****************************************************************
13 * 1.3877 * 1.5702 * 1.5394 * 1.7382 * 1.6467 * 1.4898 *  .7181 *
   * 1.8715 * 1.6367 * 1.7229 * 1.5514 * 1.5392 * 1.6744 * 3.1586 *
   ****************************************************************
14 * 1.7904 * 1.7945 * 1.7046 * 1.0927 *  .9114 *  .7336 *
   * 1.4918 * 1.4926 * 1.5954 * 2.2684 * 2.5687 * 3.1376 *
   ********************************************************
15 *  .8558 *  .8856 *  .8450 *  .5822 * F-SUB-Q
   * 2.7132 * 2.6456 * 2.8627 * 4.2686 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6772 * 1.3828 * 1.4660 * 1.4210 * 1.7496 * 1.3702 * 1.7609 *  .8553 *
   * 1.7298 * 2.0250 * 1.9244 * 1.9896 * 1.6742 * 2.0208 * 1.6120 * 2.8834 *
   ************************************************************************
 9 * 1.3828 * 1.7455 * 1.5599 * 1.8204 * 1.5865 * 1.5499 * 1.7662 *  .8878 *
   * 2.0250 * 1.6865 * 1.8143 * 1.6308 * 1.7778 * 1.7660 * 1.6133 * 2.8023 *
   ************************************************************************
10 * 1.4660 * 1.5594 * 1.5481 * 1.6271 * 1.8046 * 1.5321 * 1.6857 *  .8546 *
   * 1.9244 * 1.8149 * 1.8297 * 1.7270 * 1.6270 * 1.8307 * 1.7254 * 3.0176 *
   ************************************************************************
11 * 1.4210 * 1.8205 * 1.6272 * 1.7986 * 1.6000 * 1.7546 * 1.1121 *  .5879 *
   * 1.9896 * 1.6307 * 1.7268 * 1.6228 * 1.7266 * 1.6427 * 2.3567 * 4.4825 *
   ************************************************************************
12 * 1.7496 * 1.5869 * 1.8048 * 1.6001 * 1.4476 * 1.7111 *  .9484 *
   * 1.6742 * 1.7773 * 1.6268 * 1.7264 * 1.8781 * 1.6427 * 2.6715 *
   ****************************************************************
13 * 1.3702 * 1.5509 * 1.5324 * 1.7546 * 1.7113 * 1.5518 *  .7558 *
   * 2.0208 * 1.7647 * 1.8302 * 1.6427 * 1.6425 * 1.7870 * 3.2937 *
   ****************************************************************
14 * 1.7609 * 1.7671 * 1.6860 * 1.1120 *  .9483 *  .7699 *
   * 1.6120 * 1.6125 * 1.7251 * 2.3567 * 2.6715 * 3.2808 *
   ********************************************************
15 *  .8553 *  .8881 *  .8546 *  .5879 * F-SUB-Q
   * 2.8834 * 2.8031 * 3.0179 * 4.4824 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7436	1.4118	1.4876	1.4258	1.7685	1.3690	1.7795	.8450
	1.7977	2.1338	2.0197	2.1202	1.7776	2.1659	1.7040	3.1147
9	1.4118	1.7920	1.5747	1.8510	1.5983	1.5571	1.7866	.8747
	2.1338	1.7531	1.9067	1.6996	1.8693	1.8803	1.7049	3.0363
10	1.4876	1.5742	1.5646	1.6426	1.8404	1.5454	1.7112	.8388
	2.0197	1.9073	1.9209	1.8133	1.6939	1.9241	1.8075	3.2894
11	1.4258	1.8511	1.6427	1.8435	1.6312	1.8021	1.1098	.5821
	2.1202	1.6995	1.8133	1.6868	1.8063	1.7069	2.5100	4.7976
12	1.7685	1.5986	1.8407	1.6313	1.4929	1.7814	.9533	
	1.7776	1.8689	1.6937	1.8061	1.9612	1.7016	2.8453	
13	1.3690	1.5581	1.5457	1.8022	1.7816	1.6196	.7642	
	2.1659	1.8790	1.9236	1.7069	1.7015	1.8556	3.5120	
14	1.7795	1.7875	1.7114	1.1098	.9532	.7802		
	1.7040	1.7041	1.8073	2.5099	2.8453	3.4905		
15	.8450	.8750	.8387	.5821	F-SUB-Q			
	3.1147	3.0371	3.2899	4.7975	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.7632	1.4218	1.4901	1.4212	1.7652	1.3600	1.7741	.8407
	1.8371	2.1748	2.0542	2.1551	1.8176	2.2532	1.8084	3.3350
9	1.4218	1.8044	1.5746	1.8537	1.5951	1.5509	1.7827	.8698
	2.1748	1.7860	1.9397	1.7342	1.9122	1.9740	1.8012	3.2462
10	1.4901	1.5741	1.5645	1.6426	1.8473	1.5439	1.7114	.8356
	2.0542	1.9403	1.9628	1.8558	1.7425	1.9856	1.8786	3.4641
11	1.4212	1.8538	1.6427	1.8551	1.6383	1.8146	1.1125	.5812
	2.1551	1.7341	1.8557	1.7375	1.8678	1.7766	2.6087	5.0157
12	1.7652	1.5954	1.8475	1.6384	1.5058	1.8050	.9614	
	1.8176	1.9117	1.7424	1.8676	2.0525	1.7922	2.9851	
13	1.3600	1.5517	1.5442	1.8146	1.8052	1.6443	.7746	
	2.2532	1.9727	1.9851	1.7766	1.7920	1.9633	3.7133	
14	1.7741	1.7835	1.7116	1.1126	.9613	.7898		
	1.8084	1.8004	1.8784	2.6085	2.9851	3.6956		
15	.8407	.8701	.8356	.5812	F-SUB-Q			
	3.3350	3.2470	3.4646	5.0155	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7521	1.4255	1.4778	1.4077	1.7423	1.3445	1.7491	.8394
	1.8412	2.1603	2.0577	2.1542	1.8225	2.2522	1.8113	3.2785
9	1.4255	1.7912	1.5614	1.8327	1.5787	1.5328	1.7587	.8703
	2.1603	1.7895	1.9402	1.7394	1.9148	1.9751	1.8052	3.1917
10	1.4778	1.5608	1.5499	1.6290	1.8312	1.5296	1.6905	.8422
	2.0577	1.9408	1.9665	1.8565	1.7461	1.9884	1.8853	3.4011
11	1.4077	1.8328	1.6290	1.8417	1.6271	1.7999	1.1183	.5819
	2.1542	1.7393	1.8564	1.7413	1.8716	1.7839	2.5793	4.9677
12	1.7423	1.5790	1.8314	1.6272	1.4978	1.7961	.9721	
	1.8225	1.9143	1.7459	1.8714	2.0596	1.8010	2.9468	
13	1.3445	1.5336	1.5298	1.7999	1.7963	1.6384	.7855	
	2.2522	1.9738	1.9880	1.7839	1.8009	1.9768	3.6665	
14	1.7491	1.7595	1.6906	1.1183	.9720	.7999		
	1.8113	1.8044	1.8851	2.5791	2.9468	3.6539		
15	.8394	.8705	.8422	.5819	F-SUB-Q			
	3.2785	3.1926	3.4013	4.9676	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.7724	1.4189	1.4821	1.4072	1.7552	1.3393	1.7646	.8284
	1.8124	2.1531	2.0256	2.1176	1.7789	2.2095	1.7523	3.2306
9	1.4189	1.8127	1.5661	1.8532	1.5831	1.5364	1.7752	.8564
	2.1531	1.7544	1.9074	1.6988	1.8816	1.9300	1.7506	3.1532
10	1.4821	1.5655	1.5552	1.6344	1.8519	1.5331	1.7077	.8241
	2.0256	1.9081	1.9353	1.8279	1.7109	1.9580	1.8389	3.3992
11	1.4072	1.8533	1.6345	1.8636	1.6361	1.8210	1.1053	.5720
	2.1176	1.6987	1.8278	1.7099	1.8498	1.7542	2.5782	4.9494
12	1.7552	1.5834	1.8521	1.6362	1.5058	1.8217	.9587	
	1.7789	1.8812	1.7107	1.8497	2.0388	1.7672	2.9655	
13	1.3393	1.5372	1.5333	1.8209	1.8218	1.6628	.7752	
	2.2095	1.9288	1.9576	1.7542	1.7670	1.9399	3.6881	
14	1.7646	1.7759	1.7078	1.1054	.9586	.7907		
	1.7523	1.7498	1.8388	2.5780	2.9656	3.6693		
15	.8284	.8567	.8240	.5720	F-SUB-Q			
	3.2306	3.1540	3.3996	4.9493	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7756 * 1.4150 * 1.4775 * 1.4014 * 1.7535 * 1.3304 * 1.7641 *  .8227 *
   * 1.6809 * 1.9969 * 1.8846 * 1.9819 * 1.6609 * 2.0665 * 1.6394 * 3.0184 *
   ************************************************************************
 9 * 1.4150 * 1.8161 * 1.5624 * 1.8558 * 1.5788 * 1.5315 * 1.7754 *  .8481 *
   * 1.9969 * 1.6289 * 1.7811 * 1.5884 * 1.7620 * 1.8036 * 1.6355 * 2.9525 *
   ************************************************************************
10 * 1.4775 * 1.5617 * 1.5510 * 1.6310 * 1.8551 * 1.5283 * 1.7084 *  .8173 *
   * 1.8846 * 1.7817 * 1.8070 * 1.7110 * 1.5973 * 1.8309 * 1.7152 * 3.1614 *
   ************************************************************************
11 * 1.4014 * 1.8558 * 1.6311 * 1.8676 * 1.6344 * 1.8239 * 1.0989 *  .5659 *
   * 1.9819 * 1.5883 * 1.7110 * 1.5941 * 1.7234 * 1.6306 * 2.3979 * 4.5877 *
   ************************************************************************
12 * 1.7535 * 1.5791 * 1.8553 * 1.6346 * 1.5033 * 1.8272 *  .9523 *
   * 1.6609 * 1.7616 * 1.5972 * 1.7233 * 1.9009 * 1.6456 * 2.7465 *
   ****************************************************************
13 * 1.3304 * 1.5323 * 1.5285 * 1.8238 * 1.8273 * 1.6684 *  .7707 *
   * 2.0665 * 1.8026 * 1.8306 * 1.6306 * 1.6455 * 1.7988 * 3.4021 *
   ****************************************************************
14 * 1.7641 * 1.7761 * 1.7085 * 1.0989 *  .9522 *  .7868 *
   * 1.6394 * 1.6349 * 1.7151 * 2.3977 * 2.7466 * 3.3825 *
   ********************************************************
15 *  .8227 *  .8483 *  .8173 *  .5659 * F-SUB-Q
   * 3.0184 * 2.9537 * 3.1618 * 4.5876 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7709 * 1.4110 * 1.4698 * 1.3936 * 1.7458 * 1.3211 * 1.7563 *  .8187 *
   * 1.5485 * 1.8443 * 1.7443 * 1.8274 * 1.5304 * 1.9124 * 1.5142 * 2.7924 *
   ************************************************************************
 9 * 1.4110 * 1.8117 * 1.5555 * 1.8496 * 1.5703 * 1.5235 * 1.7682 *  .8459 *
   * 1.8443 * 1.5025 * 1.6479 * 1.4663 * 1.6284 * 1.6655 * 1.5086 * 2.7245 *
   ************************************************************************
10 * 1.4698 * 1.5549 * 1.5430 * 1.6239 * 1.8504 * 1.5202 * 1.7015 *  .8147 *
   * 1.7443 * 1.6486 * 1.6733 * 1.5829 * 1.4739 * 1.6949 * 1.5819 * 2.9108 *
   ************************************************************************
11 * 1.3936 * 1.8497 * 1.6239 * 1.8633 * 1.6271 * 1.8181 * 1.0969 *  .5636 *
   * 1.8274 * 1.4662 * 1.5829 * 1.4698 * 1.5924 * 1.5031 * 2.2102 * 4.2453 *
   ************************************************************************
12 * 1.7458 * 1.5706 * 1.8505 * 1.6272 * 1.4961 * 1.8230 *  .9518 *
   * 1.5304 * 1.6280 * 1.4739 * 1.5923 * 1.7547 * 1.5132 * 2.5242 *
   ****************************************************************
13 * 1.3211 * 1.5242 * 1.5204 * 1.8181 * 1.8231 * 1.6644 *  .7712 *
   * 1.9124 * 1.6647 * 1.6947 * 1.5032 * 1.5131 * 1.6546 * 3.1238 *
   ****************************************************************
14 * 1.7563 * 1.7689 * 1.7016 * 1.0970 *  .9517 *  .7856 *
   * 1.5142 * 1.5081 * 1.5818 * 2.2100 * 2.5242 * 3.1121 *
   ********************************************************
15 *  .8187 *  .8462 *  .8147 *  .5635 * F-SUB-Q
   * 2.7924 * 2.7252 * 2.9113 * 4.2453 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7549 * 1.4126 * 1.4579 * 1.3835 * 1.7284 * 1.3135 * 1.7373 *  .8201 *
   * 1.5616 * 1.8433 * 1.7598 * 1.8390 * 1.5447 * 1.9254 * 1.5319 * 2.7938 *
   ************************************************************************
 9 * 1.4126 * 1.7941 * 1.5438 * 1.8308 * 1.5569 * 1.5107 * 1.7496 *  .8487 *
   * 1.8433 * 1.5184 * 1.6566 * 1.4773 * 1.6391 * 1.6801 * 1.5248 * 2.7205 *
   ************************************************************************
10 * 1.4579 * 1.5432 * 1.5294 * 1.6119 * 1.8330 * 1.5077 * 1.6834 *  .8229 *
   * 1.7598 * 1.6572 * 1.6869 * 1.5909 * 1.4868 * 1.7043 * 1.5940 * 2.8812 *
   ************************************************************************
11 * 1.3835 * 1.8309 * 1.6119 * 1.8462 * 1.6138 * 1.8006 * 1.1014 *  .5650 *
   * 1.8390 * 1.4773 * 1.5909 * 1.4847 * 1.6075 * 1.5185 * 2.2015 * 4.2227 *
   ************************************************************************
12 * 1.7284 * 1.5572 * 1.8332 * 1.6139 * 1.4835 * 1.8059 *  .9582 *
   * 1.5447 * 1.6388 * 1.4867 * 1.6074 * 1.7693 * 1.5251 * 2.5086 *
   ****************************************************************
13 * 1.3136 * 1.5114 * 1.5078 * 1.8006 * 1.8061 * 1.6489 *  .7769 *
   * 1.9254 * 1.6793 * 1.7040 * 1.5185 * 1.5250 * 1.6666 * 3.0996 *
   ****************************************************************
14 * 1.7373 * 1.7503 * 1.6835 * 1.1015 *  .9581 *  .7906 *
   * 1.5319 * 1.5243 * 1.5939 * 2.2013 * 2.5087 * 3.0913 *
   ********************************************************
15 *  .8201 *  .8490 *  .8229 *  .5650 * F-SUB-Q
   * 2.7938 * 2.7214 * 2.8815 * 4.2227 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7760 * 1.4031 * 1.4633 * 1.3860 * 1.7478 * 1.3106 * 1.7602 *  .8104 *
   * 1.4281 * 1.7215 * 1.6311 * 1.7144 * 1.4266 * 1.8039 * 1.4135 * 2.6461 *
   ************************************************************************
 9 * 1.4031 * 1.8162 * 1.5513 * 1.8558 * 1.5650 * 1.5198 * 1.7730 *  .8357 *
   * 1.7215 * 1.3954 * 1.5371 * 1.3592 * 1.5217 * 1.5608 * 1.4057 * 2.5857 *
   ************************************************************************
10 * 1.4633 * 1.5506 * 1.5368 * 1.6197 * 1.8560 * 1.5143 * 1.7057 *  .8054 *
   * 1.6311 * 1.5377 * 1.5645 * 1.4758 * 1.3665 * 1.5810 * 1.4665 * 2.7509 *
   ************************************************************************
11 * 1.3860 * 1.8558 * 1.6198 * 1.8690 * 1.6236 * 1.8239 * 1.0879 *  .5545 *
   * 1.7144 * 1.3591 * 1.4758 * 1.3644 * 1.4860 * 1.3935 * 2.0721 * 4.0104 *
   ************************************************************************
12 * 1.7478 * 1.5653 * 1.8561 * 1.6237 * 1.4911 * 1.8312 *  .9420 *
   * 1.4266 * 1.5214 * 1.3664 * 1.4859 * 1.6351 * 1.3995 * 2.3786 *
   ****************************************************************
13 * 1.3106 * 1.5204 * 1.5145 * 1.8239 * 1.8314 * 1.6715 *  .7626 *
   * 1.8039 * 1.5600 * 1.5808 * 1.3935 * 1.3994 * 1.5287 * 2.9447 *
   ****************************************************************
14 * 1.7602 * 1.7737 * 1.7058 * 1.0880 *  .9419 *  .7781 *
   * 1.4135 * 1.4052 * 1.4665 * 2.0720 * 2.3786 * 2.9287 *
   ********************************************************
15 *  .8104 *  .8358 *  .8053 *  .5545 * F-SUB-Q
   * 2.6461 * 2.5867 * 2.7513 * 4.0103 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.7715	1.3967	1.4575	1.3796	1.7437	1.3045	1.7570	.8058
	1.3383	1.6218	1.5417	1.6252	1.3488	1.7114	1.3362	2.5155
9	1.3967	1.8105	1.5462	1.8514	1.5590	1.5158	1.7704	.8309
	1.6218	1.3155	1.4536	1.2838	1.4404	1.4767	1.3280	2.4574
10	1.4575	1.5455	1.5305	1.6140	1.8507	1.5089	1.7028	.8008
	1.5417	1.4542	1.4804	1.3955	1.2895	1.4947	1.3839	2.6118
11	1.3796	1.8514	1.6140	1.8632	1.6172	1.8206	1.0830	.5504
	1.6252	1.2838	1.3955	1.2861	1.4018	1.3098	1.9579	3.8092
12	1.7437	1.5593	1.8508	1.6173	1.4853	1.8288	.9373	
	1.3488	1.4401	1.2894	1.4017	1.5352	1.3115	2.2409	
13	1.3045	1.5165	1.5090	1.8205	1.8289	1.6692	.7585	
	1.7114	1.4760	1.4945	1.3099	1.3114	1.4352	2.7760	
14	1.7570	1.7711	1.7028	1.0831	.9371	.7739		
	1.3362	1.3275	1.3839	1.9577	2.2409	2.7611		
15	.8058	.8311	.8007	.5504	F-SUB-Q			
	2.5155	2.4584	2.6123	3.8091	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.7297	1.3876	1.4339	1.3576	1.7045	1.2912	1.7156	.8025
	1.3000	1.5511	1.4913	1.5738	1.3140	1.6488	1.3033	2.4095
9	1.3876	1.7646	1.5209	1.8036	1.5313	1.4909	1.7294	.8316
	1.5511	1.2824	1.4069	1.2539	1.3966	1.4302	1.2941	2.3423
10	1.4339	1.5202	1.5029	1.5861	1.8037	1.4841	1.6625	.8062
	1.4913	1.4075	1.4352	1.3514	1.2577	1.4462	1.3483	2.4732
11	1.3576	1.8037	1.5862	1.8155	1.5863	1.7778	1.0830	.5508
	1.5738	1.2539	1.3514	1.2537	1.3578	1.2728	1.8619	3.6277
12	1.7045	1.5316	1.8038	1.5864	1.4581	1.7854	.9414	
	1.3140	1.3963	1.2576	1.3577	1.4831	1.2716	2.1173	
13	1.2912	1.4916	1.4842	1.7778	1.7855	1.6296	.7616	
	1.6488	1.4295	1.4460	1.2728	1.2715	1.3902	2.6201	
14	1.7156	1.7301	1.6625	1.0830	.9413	.7750		
	1.3033	1.2937	1.3483	1.8618	2.1174	2.6130		
15	.8025	.8318	.8062	.5508	F-SUB-Q			
	2.4095	2.3433	2.4734	3.6277	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6993 * 1.3458 * 1.4128 * 1.3300 * 1.6763 * 1.2640 * 1.6876 *  .7752 *
   * 1.2683 * 1.5320 * 1.4537 * 1.5436 * 1.2833 * 1.6192 * 1.2724 * 2.3999 *
   ************************************************************************
 9 * 1.3458 * 1.7276 * 1.4960 * 1.7699 * 1.5048 * 1.4683 * 1.7018 *  .8015 *
   * 1.5320 * 1.2564 * 1.3736 * 1.2262 * 1.3648 * 1.3951 * 1.2627 * 2.3380 *
   ************************************************************************
10 * 1.4128 * 1.4954 * 1.4792 * 1.5571 * 1.7634 * 1.4592 * 1.6365 *  .7725 *
   * 1.4537 * 1.3742 * 1.4004 * 1.3220 * 1.2339 * 1.4121 * 1.3147 * 2.4828 *
   ************************************************************************
11 * 1.3300 * 1.7700 * 1.5571 * 1.7740 * 1.5562 * 1.7468 * 1.0457 *  .5312 *
   * 1.5436 * 1.2262 * 1.3220 * 1.2301 * 1.3273 * 1.2414 * 1.8512 * 3.6193 *
   ************************************************************************
12 * 1.6763 * 1.5051 * 1.7635 * 1.5563 * 1.4317 * 1.7535 *  .9051 *
   * 1.2833 * 1.3645 * 1.2338 * 1.3272 * 1.4477 * 1.2390 * 2.1123 *
   ****************************************************************
13 * 1.2640 * 1.4690 * 1.4594 * 1.7468 * 1.7537 * 1.6007 *  .7315 *
   * 1.6192 * 1.3944 * 1.4119 * 1.2415 * 1.2389 * 1.3539 * 2.6148 *
   ****************************************************************
14 * 1.6876 * 1.7026 * 1.6365 * 1.0457 *  .9049 *  .7456 *
   * 1.2724 * 1.2622 * 1.3147 * 1.8511 * 2.1123 * 2.6035 *
   ********************************************************
15 *  .7752 *  .8018 *  .7724 *  .5311 * F-SUB-Q
   * 2.3999 * 2.3386 * 2.4833 * 3.6193 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5706 * 1.2620 * 1.3305 * 1.2443 * 1.5497 * 1.1874 * 1.5555 *  .7236 *
   * 1.3262 * 1.5804 * 1.4942 * 1.5973 * 1.3431 * 1.6697 * 1.3353 * 2.4931 *
   ************************************************************************
 9 * 1.2620 * 1.5910 * 1.4044 * 1.6299 * 1.4061 * 1.3751 * 1.5695 *  .7476 *
   * 1.5804 * 1.3183 * 1.4160 * 1.2868 * 1.4134 * 1.4426 * 1.3244 * 2.4307 *
   ************************************************************************
10 * 1.3305 * 1.4038 * 1.3868 * 1.4577 * 1.6172 * 1.3687 * 1.5108 *  .7207 *
   * 1.4942 * 1.4165 * 1.4453 * 1.3660 * 1.2998 * 1.4566 * 1.3774 * 2.5806 *
   ************************************************************************
11 * 1.2443 * 1.6299 * 1.4578 * 1.6261 * 1.4507 * 1.6095 *  .9744 *  .4967 *
   * 1.5973 * 1.2868 * 1.3659 * 1.2961 * 1.3762 * 1.3018 * 1.9232 * 3.7556 *
   ************************************************************************
12 * 1.5497 * 1.4064 * 1.6173 * 1.4508 * 1.3356 * 1.6109 *  .8438 *
   * 1.3431 * 1.4131 * 1.2997 * 1.3761 * 1.5001 * 1.3019 * 2.1929 *
   ****************************************************************
13 * 1.1874 * 1.3760 * 1.3689 * 1.6095 * 1.6111 * 1.4723 *  .6807 *
   * 1.6697 * 1.4417 * 1.4563 * 1.3018 * 1.3018 * 1.4212 * 2.7195 *
   ****************************************************************
14 * 1.5555 * 1.5703 * 1.5110 *  .9743 *  .8437 *  .6947 *
   * 1.3353 * 1.3238 * 1.3773 * 1.9232 * 2.1929 * 2.7046 *
   ********************************************************
15 *  .7236 *  .7479 *  .7207 *  .4967 * F-SUB-Q
   * 2.4931 * 2.4313 * 2.5810 * 3.7556 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2826	1.0555	1.1143	1.0378	1.2614	.9922	1.2686	.6009
	1.5785	1.8375	1.7361	1.8635	1.6042	1.9455	1.5926	2.9294
9	1.0555	1.3370	1.1731	1.3465	1.1446	1.1394	1.2785	.6177
	1.8375	1.5230	1.6492	1.5128	1.6878	1.6946	1.5819	2.8695
10	1.1143	1.1727	1.1328	1.2124	1.3360	1.1388	1.2287	.5940
	1.7361	1.6497	1.7208	1.5956	1.5273	1.7024	1.6478	3.0551
11	1.0378	1.3465	1.2125	1.3437	1.1775	1.3073	.8026	.4179
	1.8635	1.5127	1.5955	1.5221	1.6471	1.5565	2.2755	4.3615
12	1.2614	1.1449	1.3361	1.1776	1.0806	1.3061	.7000	
	1.6042	1.6874	1.5272	1.6470	1.8029	1.5604	2.5751	
13	.9922	1.1403	1.1389	1.3073	1.3062	1.1852	.5615	
	1.9455	1.6932	1.7021	1.5565	1.5602	1.7163	3.2145	
14	1.2686	1.2791	1.2288	.8026	.6999	.5725		
	1.5926	1.5812	1.6477	2.2754	2.5749	3.1991		
15	.6009	.6179	.5939	.4179	F-SUB-Q			
	2.9294	2.8704	3.0557	4.3615	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.5831	.5007	.4919	.4901	.5710	.4690	.5171	.2749
	3.3819	3.7746	3.8250	3.8437	3.4545	4.0144	3.8046	6.2540
9	.5007	.5781	.5131	.5929	.5001	.4891	.5200	.2783
	3.7746	3.4218	3.6649	3.3409	3.7546	3.8406	3.7865	6.2200
10	.4919	.5130	.4884	.5298	.5952	.4970	.4976	.2650
	3.8250	3.6660	3.8792	3.5472	3.3347	3.7934	3.9622	6.6908
11	.4901	.5929	.5298	.5950	.5040	.5549	.3688	.1941
	3.8437	3.3408	3.5471	3.3397	3.7382	3.5696	4.8281	9.1888
12	.5710	.5002	.5952	.5041	.4692	.5295	.3143	
	3.4545	3.7538	3.3345	3.7380	4.0361	3.7439	5.5971	
13	.4690	.4895	.4971	.5549	.5296	.4708	.2494	
	4.0144	3.8370	3.7925	3.5695	3.7433	4.2079	7.0682	
14	.5171	.5202	.4977	.3688	.3144	.2532		
	3.8046	3.7846	3.9616	4.8280	5.5956	7.0657		
15	.2749	.2784	.2650	.1941	F-SUB-Q			
	6.2540	6.2223	6.6913	9.1881	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.5006	.5753	.6271	.6531	.7504	.6521	.6921	.4021
	3.0703	3.3892	3.2666	3.1447	2.9442	3.1930	3.2556	4.6533
9	.5753	.6882	.6573	.7473	.6554	.6588	.6883	.4002
	3.3892	3.2500	3.1313	2.9641	3.1107	3.1479	3.2703	4.7095
10	.6271	.6572	.6294	.6705	.7351	.6395	.6446	.3748
	3.2666	3.1318	3.3185	3.0508	2.9949	3.1818	3.4075	5.1318
11	.6531	.7474	.6706	.7076	.5876	.6345	.4614	.2899
	3.1447	2.9639	3.0506	3.1474	3.4258	3.4082	4.0818	6.6550
12	.7504	.6555	.7352	.5876	.4393	.5013	.3586	
	2.9442	3.1100	2.9944	3.4255	3.4827	3.4933	4.7959	
13	.6521	.6596	.6397	.6345	.5012	.4367	.2659	
	3.1930	3.1441	3.1807	3.4081	3.4936	3.8138	5.9273	
14	.6921	.6888	.6448	.4614	.3584	.2704		
	3.2556	3.2682	3.4068	4.0797	4.7977	5.9920		
15	.4021	.4002	.3748	.2899	F-SUB-Q			
	4.6533	4.7119	5.1315	6.6553	M-SUB-Q			

AT 75% POWER, 460 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.9139	1.0430	1.2150	1.1969	1.3884	1.1938	1.4164	.7700
	1.7579	1.9002	1.7336	1.7658	1.6369	1.7861	1.6356	2.4988
9	1.0430	1.3328	1.2798	1.4220	1.2858	1.3059	1.4119	.7856
	1.9002	1.7102	1.6475	1.6001	1.6317	1.6311	1.6299	2.4534
10	1.2150	1.2795	1.2467	1.3150	1.3927	1.2586	1.3279	.7416
	1.7336	1.6478	1.7232	1.5938	1.6264	1.6654	1.7000	2.6573
11	1.1969	1.4221	1.3151	1.3389	1.1736	1.2505	.8809	.5440
	1.7658	1.5999	1.5937	1.6964	1.7377	1.7575	2.2039	3.6536
12	1.3884	1.2860	1.3929	1.1737	.8596	1.0350	.7048	
	1.6369	1.6314	1.6262	1.7376	1.8159	1.7220	2.4675	
13	1.1938	1.3070	1.2590	1.2506	1.0350	.9292	.5395	
	1.7861	1.6295	1.6649	1.7576	1.7221	1.8673	2.9619	
14	1.4164	1.4127	1.3281	.8807	.7045	.5434		
	1.6356	1.6290	1.6997	2.2029	2.4682	3.0239		
15	.7700	.7859	.7414	.5439	F-SUB-Q			
	2.4988	2.4544	2.6574	3.6538	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0775	1.1903	1.3721	1.3652	1.6142	1.3600	1.6499	.8899
	1.5556	1.6981	1.5585	1.5733	1.4295	1.5871	1.4061	2.1675
9	1.1903	1.4991	1.4553	1.6356	1.4956	1.4959	1.6435	.9234
	1.6981	1.5392	1.4677	1.4112	1.4249	1.4365	1.4072	2.1039
10	1.3721	1.4550	1.4427	1.5049	1.5882	1.4399	1.5459	.8776
	1.5585	1.4679	1.4899	1.4118	1.4489	1.4795	1.4808	2.2741
11	1.3652	1.6357	1.5050	1.5249	1.3729	1.4608	1.0402	.6209
	1.5733	1.4111	1.4117	1.5084	1.5035	1.5194	1.8985	3.2551
12	1.6142	1.4958	1.5885	1.3730	1.0198	1.2185	.8311	
	1.4295	1.4246	1.4487	1.5034	1.5858	1.4947	2.1185	
13	1.3600	1.4970	1.4403	1.4609	1.2185	1.0970	.6312	
	1.5871	1.4354	1.4790	1.5194	1.4947	1.6121	2.5685	
14	1.6499	1.6443	1.5462	1.0399	.8308	.6415		
	1.4061	1.4065	1.4806	1.8976	2.1189	2.5990		
15	.8899	.9237	.8774	.6208	F-SUB-Q			
	2.1675	2.1046	2.2741	3.2553	M-SUB-Q			

AT 75% POWER, 460 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1605	1.2444	1.4367	1.4344	1.7312	1.4238	1.7820	.9243
	1.4756	1.6447	1.5121	1.5208	1.3530	1.5368	1.3144	2.1064
9	1.2444	1.6234	1.5313	1.7684	1.5795	1.5823	1.7758	.9558
	1.6447	1.4434	1.4159	1.3243	1.3697	1.3743	1.3166	2.0533
10	1.4367	1.5310	1.5176	1.5913	1.7290	1.5188	1.6705	.9057
	1.5121	1.4161	1.4352	1.3552	1.3517	1.4241	1.3899	2.2341
11	1.4344	1.7685	1.5915	1.6592	1.4584	1.5799	1.0836	.6392
	1.5208	1.3242	1.3551	1.4079	1.4354	1.4242	1.8492	3.2128
12	1.7312	1.5798	1.7292	1.4585	1.0806	1.3294	.8612	
	1.3530	1.3694	1.3516	1.4353	1.5216	1.3997	2.0783	
13	1.4238	1.5832	1.5192	1.5800	1.3295	1.1952	.6539	
	1.5368	1.3734	1.4238	1.4242	1.3997	1.5122	2.5269	
14	1.7820	1.7765	1.6708	1.0833	.8609	.6670		
	1.3144	1.3161	1.3897	1.8483	2.0786	2.5479		
15	.9243	.9560	.9055	.6392	F-SUB-Q			
	2.1064	2.0542	2.2342	3.2130	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1724 * 1.2482 * 1.4300 * 1.4330 * 1.7390 * 1.4166 * 1.7965 *  .9260 *
   * 1.4936 * 1.6773 * 1.5479 * 1.5474 * 1.3686 * 1.5713 * 1.3250 * 2.1386 *
   ************************************************************************
 9 * 1.2482 * 1.6414 * 1.5300 * 1.7858 * 1.5783 * 1.5833 * 1.7915 *  .9589 *
   * 1.6773 * 1.4575 * 1.4437 * 1.3332 * 1.3923 * 1.3978 * 1.3272 * 2.0823 *
   ************************************************************************
10 * 1.4300 * 1.5297 * 1.5144 * 1.5945 * 1.7527 * 1.5174 * 1.6852 *  .9084 *
   * 1.5479 * 1.4439 * 1.4650 * 1.3748 * 1.3541 * 1.4459 * 1.3991 * 2.2664 *
   ************************************************************************
11 * 1.4330 * 1.7859 * 1.5947 * 1.6815 * 1.4651 * 1.5963 * 1.0897 *  .6376 *
   * 1.5474 * 1.3331 * 1.3748 * 1.4126 * 1.4548 * 1.4348 * 1.8677 * 3.2662 *
   ************************************************************************
12 * 1.7390 * 1.5785 * 1.7528 * 1.4652 * 1.0901 * 1.3492 *  .8659 *
   * 1.3686 * 1.3921 * 1.3540 * 1.4547 * 1.5493 * 1.4098 * 2.1106 *
   ****************************************************************
13 * 1.4166 * 1.5840 * 1.5176 * 1.5963 * 1.3493 * 1.2139 *  .6602 *
   * 1.5713 * 1.3971 * 1.4456 * 1.4348 * 1.4097 * 1.5250 * 2.5641 *
   ****************************************************************
14 * 1.7965 * 1.7922 * 1.6854 * 1.0894 *  .8657 *  .6732 *
   * 1.3250 * 1.3267 * 1.3990 * 1.8667 * 2.1107 * 2.5862 *
   ******************************************************
15 *  .9260 *  .9592 *  .9082 *  .6375 * F-SUB-Q
   * 2.1386 * 2.0831 * 2.2666 * 3.2663 * M-SUB-Q
   *************************************
```

AT 75% POWER, 460 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1616 * 1.2372 * 1.4036 * 1.4100 * 1.7131 * 1.3893 * 1.7727 *  .9160 *
   * 1.5385 * 1.7267 * 1.6102 * 1.6043 * 1.4157 * 1.6291 * 1.3638 * 2.1966 *
   ************************************************************************
 9 * 1.2372 * 1.6253 * 1.5065 * 1.7661 * 1.5529 * 1.5580 * 1.7688 *  .9487 *
   * 1.7267 * 1.4958 * 1.4958 * 1.3751 * 1.4437 * 1.4420 * 1.3648 * 2.1382 *
   ************************************************************************
10 * 1.4036 * 1.5062 * 1.4896 * 1.5721 * 1.7365 * 1.4939 * 1.6649 *  .9048 *
   * 1.6102 * 1.4961 * 1.5183 * 1.4232 * 1.3957 * 1.5004 * 1.4416 * 2.3132 *
   ************************************************************************
11 * 1.4100 * 1.7662 * 1.5722 * 1.6668 * 1.4469 * 1.5806 * 1.0833 *  .6296 *
   * 1.6043 * 1.3750 * 1.4231 * 1.4559 * 1.5004 * 1.4771 * 1.9256 * 3.3855 *
   ************************************************************************
12 * 1.7131 * 1.5532 * 1.7367 * 1.4470 * 1.0833 * 1.3409 *  .8641 *
   * 1.4157 * 1.4434 * 1.3956 * 1.5003 * 1.6079 * 1.4575 * 2.1696 *
   ****************************************************************
13 * 1.3893 * 1.5587 * 1.4942 * 1.5806 * 1.3410 * 1.2091 *  .6614 *
   * 1.6291 * 1.4413 * 1.5001 * 1.4772 * 1.4574 * 1.5813 * 2.6460 *
   ****************************************************************
14 * 1.7727 * 1.7694 * 1.6650 * 1.0832 *  .8639 *  .6736 *
   * 1.3638 * 1.3643 * 1.4415 * 1.9245 * 2.1697 * 2.6718 *
   ******************************************************
15 *  .9160 *  .9490 *  .9046 *  .6295 * F-SUB-Q
   * 2.1966 * 2.1390 * 2.3132 * 3.3856 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1582 * 1.2210 * 1.3873 * 1.3906 * 1.6981 * 1.3659 * 1.7606 *  .8975 *
   * 1.5775 * 1.7850 * 1.6848 * 1.6784 * 1.4716 * 1.7044 * 1.4071 * 2.2963 *
   ************************************************************************
 9 * 1.2210 * 1.6249 * 1.4910 * 1.7585 * 1.5356 * 1.5391 * 1.7581 *  .9281 *
   * 1.7850 * 1.5228 * 1.5619 * 1.4256 * 1.5069 * 1.4990 * 1.4085 * 2.2399 *
   ************************************************************************
10 * 1.3873 * 1.4907 * 1.4746 * 1.5561 * 1.7329 * 1.4782 * 1.6575 *  .8816 *
   * 1.6848 * 1.5622 * 1.5860 * 1.4857 * 1.4457 * 1.5661 * 1.4914 * 2.4420 *
   ************************************************************************
11 * 1.3906 * 1.7586 * 1.5562 * 1.6656 * 1.4383 * 1.5798 * 1.0678 *  .6165 *
   * 1.6784 * 1.4255 * 1.4857 * 1.4842 * 1.5400 * 1.5101 * 2.0267 * 3.5787 *
   ************************************************************************
12 * 1.6981 * 1.5358 * 1.7331 * 1.4384 * 1.0730 * 1.3484 *  .8536 *
   * 1.4716 * 1.5066 * 1.4456 * 1.5399 * 1.6639 * 1.4970 * 2.2663 *
   ****************************************************************
13 * 1.3659 * 1.5397 * 1.4784 * 1.5798 * 1.3485 * 1.2218 *  .6565 *
   * 1.7044 * 1.4982 * 1.5658 * 1.5102 * 1.4969 * 1.6241 * 2.7688 *
   ****************************************************************
14 * 1.7606 * 1.7587 * 1.6576 * 1.0677 *  .8534 *  .6694 *
   * 1.4071 * 1.4080 * 1.4914 * 2.0254 * 2.2663 * 2.7926 *
   ********************************************************
15 *  .8975 *  .9284 *  .8814 *  .6164 * F-SUB-Q
   * 2.2963 * 2.2408 * 2.4421 * 3.5788 * M-SUB-Q
   ************************************
```

AT 75% POWER, 460 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1717 * 1.2183 * 1.3750 * 1.3738 * 1.6804 * 1.3444 * 1.7424 *  .8846 *
   * 1.6243 * 1.8453 * 1.7679 * 1.7741 * 1.5503 * 1.8015 * 1.4741 * 2.4149 *
   ************************************************************************
 9 * 1.2183 * 1.6264 * 1.4791 * 1.7480 * 1.5196 * 1.5203 * 1.7415 *  .9135 *
   * 1.8453 * 1.5698 * 1.6496 * 1.4995 * 1.5912 * 1.5767 * 1.4758 * 2.3599 *
   ************************************************************************
10 * 1.3750 * 1.4787 * 1.4628 * 1.5433 * 1.7267 * 1.4656 * 1.6464 *  .8694 *
   * 1.7679 * 1.6499 * 1.6764 * 1.5686 * 1.5201 * 1.6534 * 1.5655 * 2.5773 *
   ************************************************************************
11 * 1.3738 * 1.7480 * 1.5434 * 1.6651 * 1.4386 * 1.5847 * 1.0628 *  .6097 *
   * 1.7741 * 1.4994 * 1.5686 * 1.5308 * 1.5937 * 1.5578 * 2.1238 * 3.7916 *
   ************************************************************************
12 * 1.6804 * 1.5198 * 1.7268 * 1.4387 * 1.0804 * 1.3714 *  .8585 *
   * 1.5503 * 1.5909 * 1.5200 * 1.5936 * 1.7184 * 1.5417 * 2.3439 *
   ****************************************************************
13 * 1.3444 * 1.5209 * 1.4658 * 1.5846 * 1.3715 * 1.2506 *  .6661 *
   * 1.8015 * 1.5760 * 1.6531 * 1.5578 * 1.5416 * 1.6766 * 2.8705 *
   ****************************************************************
14 * 1.7424 * 1.7420 * 1.6465 * 1.0627 *  .8583 *  .6791 *
   * 1.4741 * 1.4753 * 1.5655 * 2.1225 * 2.3439 * 2.8950 *
   ********************************************************
15 *  .8846 *  .9138 *  .8692 *  .6096 * F-SUB-Q
   * 2.4149 * 2.3608 * 2.5774 * 3.7917 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2540	1.2321	1.3752	1.3651	1.6745	1.3307	1.7350	.8724
	1.6910	1.9294	1.8434	1.8847	1.6392	1.9131	1.5510	2.5640
9	1.2321	1.6488	1.4791	1.7509	1.5140	1.5102	1.7359	.8988
	1.9294	1.6297	1.7460	1.5833	1.6879	1.6666	1.5529	2.5127
10	1.3752	1.4787	1.4634	1.5417	1.7353	1.4646	1.6474	.8580
	1.8434	1.7465	1.7640	1.6637	1.5915	1.7528	1.6496	2.7466
11	1.3651	1.7510	1.5417	1.6833	1.4614	1.6138	1.0641	.6041
	1.8847	1.5832	1.6637	1.5903	1.6623	1.6186	2.2173	4.0567
12	1.6745	1.5142	1.7354	1.4614	1.1391	1.4468	.8752	
	1.6392	1.6876	1.5915	1.6623	1.7934	1.5997	2.4573	
13	1.3307	1.5107	1.4647	1.6138	1.4469	1.3224	.6865	
	1.9131	1.6658	1.7525	1.6187	1.5996	1.7384	3.0098	
14	1.7350	1.7364	1.6475	1.0639	.8751	.6993		
	1.5510	1.5524	1.6496	2.2159	2.4573	3.0384		
15	.8724	.8988	.8578	.6040	F-SUB-Q			
	2.5640	2.5144	2.7466	4.0567	M-SUB-Q			

AT 75% POWER, 460 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4305	1.2622	1.3769	1.3516	1.6479	1.3116	1.7029	.8708
	1.7978	2.0201	1.9423	2.0284	1.7710	2.0575	1.6708	2.7147
9	1.2622	1.6529	1.4712	1.7309	1.4980	1.4890	1.7057	.9013
	2.0201	1.7192	1.8438	1.6946	1.8127	1.7911	1.6728	2.6492
10	1.3769	1.4708	1.4547	1.5327	1.7214	1.4556	1.6263	.8677
	1.9423	1.8443	1.8645	1.7571	1.6805	1.8524	1.7790	2.8819
11	1.3516	1.7309	1.5327	1.6903	1.4832	1.6317	1.0834	.6096
	2.0284	1.6946	1.7571	1.6776	1.7536	1.7122	2.2955	4.2450
12	1.6479	1.4982	1.7215	1.4833	1.2466	1.5447	.9179	
	1.7710	1.8124	1.6805	1.7535	1.9067	1.7030	2.5437	
13	1.3116	1.4895	1.4557	1.6317	1.5448	1.4014	.7287	
	2.0575	1.7903	1.8522	1.7122	1.7029	1.8503	3.1258	
14	1.7029	1.7062	1.6263	1.0833	.9177	.7416		
	1.6708	1.6723	1.7790	2.2940	2.5437	3.1582		
15	.8708	.9015	.8675	.6096	F-SUB-Q			
	2.7147	2.6503	2.8818	4.2450	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6070 * 1.3261 * 1.4058 * 1.3547 * 1.6627 * 1.3090 * 1.7178 *  .8595 *
   * 1.8640 * 2.1324 * 2.0327 * 2.1482 * 1.8759 * 2.1944 * 1.7613 * 2.9221 *
   ************************************************************************
 9 * 1.3261 * 1.7104 * 1.4864 * 1.7573 * 1.5083 * 1.4937 * 1.7227 *  .8867 *
   * 2.1324 * 1.7836 * 1.9332 * 1.7643 * 1.9019 * 1.9020 * 1.7630 * 2.8622 *
   ************************************************************************
10 * 1.4058 * 1.4859 * 1.4709 * 1.5461 * 1.7540 * 1.4693 * 1.6503 *  .8508 *
   * 2.0327 * 1.9337 * 1.9538 * 1.8429 * 1.7452 * 1.9430 * 1.8576 * 3.1333 *
   ************************************************************************
11 * 1.3547 * 1.7573 * 1.5461 * 1.7406 * 1.5247 * 1.6890 * 1.0845 *  .6045 *
   * 2.1482 * 1.7643 * 1.8429 * 1.7436 * 1.8320 * 1.7767 * 2.4387 * 4.5299 *
   ************************************************************************
12 * 1.6627 * 1.5085 * 1.7541 * 1.5247 * 1.3783 * 1.6546 *  .9302 *
   * 1.8759 * 1.9017 * 1.7453 * 1.8319 * 1.9884 * 1.7634 * 2.7106 *
   ****************************************************************
13 * 1.3090 * 1.4942 * 1.4693 * 1.6889 * 1.6547 * 1.5025 *  .7483 *
   * 2.1944 * 1.9012 * 1.9428 * 1.7768 * 1.7633 * 1.9194 * 3.3279 *
   ****************************************************************
14 * 1.7178 * 1.7232 * 1.6502 * 1.0844 *  .9301 *  .7624 *
   * 1.7613 * 1.7625 * 1.8577 * 2.4371 * 2.7106 * 3.3586 *
   ********************************************************
15 *  .8595 *  .8870 *  .8506 *  .6044 * F-SUB-Q
   * 2.9221 * 2.8632 * 3.1333 * 4.5299 * M-SUB-Q
   *************************************
```

AT 75% POWER, 460 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6568 * 1.3573 * 1.4172 * 1.3518 * 1.6602 * 1.3013 * 1.7128 *  .8557 *
   * 1.9554 * 2.2220 * 2.1090 * 2.2238 * 1.9483 * 2.3175 * 1.8840 * 3.1274 *
   ************************************************************************
 9 * 1.3573 * 1.7379 * 1.4901 * 1.7618 * 1.5070 * 1.4885 * 1.7192 *  .8824 *
   * 2.2220 * 1.8595 * 2.0058 * 1.8385 * 1.9827 * 2.0202 * 1.8848 * 3.0652 *
   ************************************************************************
10 * 1.4172 * 1.4896 * 1.4744 * 1.5486 * 1.7655 * 1.4712 * 1.6529 *  .8491 *
   * 2.1090 * 2.0064 * 2.0363 * 1.9253 * 1.8342 * 2.0396 * 1.9578 * 3.3209 *
   ************************************************************************
11 * 1.3518 * 1.7618 * 1.5486 * 1.7612 * 1.5421 * 1.7132 * 1.0926 *  .6057 *
   * 2.2238 * 1.8385 * 1.9253 * 1.8382 * 1.9345 * 1.8808 * 2.5693 * 4.7602 *
   ************************************************************************
12 * 1.6602 * 1.5072 * 1.7654 * 1.5421 * 1.4136 * 1.7021 *  .9480 *
   * 1.9483 * 1.9824 * 1.8343 * 1.9344 * 2.1064 * 1.8623 * 2.8687 *
   ****************************************************************
13 * 1.3013 * 1.4889 * 1.4713 * 1.7131 * 1.7021 * 1.5515 *  .7684 *
   * 2.3175 * 2.0195 * 2.0394 * 1.8809 * 1.8622 * 2.0251 * 3.5156 *
   ****************************************************************
14 * 1.7128 * 1.7196 * 1.6528 * 1.0925 *  .9478 *  .7831 *
   * 1.8840 * 1.8844 * 1.9579 * 2.5676 * 2.8687 * 3.5469 *
   ********************************************************
15 *  .8557 *  .8827 *  .8489 *  .6056 * F-SUB-Q
   * 3.1274 * 3.0663 * 3.3209 * 4.7602 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6628 * 1.3766 * 1.4133 * 1.3418 * 1.6409 * 1.2909 * 1.6903 *  .8555 *
   * 1.9273 * 2.1638 * 2.0772 * 2.1872 * 1.9229 * 2.2780 * 1.8674 * 3.0624 *
   ************************************************************************
 9 * 1.3766 * 1.7371 * 1.4819 * 1.7458 * 1.4941 * 1.4733 * 1.6979 *  .8849 *
   * 2.1638 * 1.8318 * 1.9747 * 1.8152 * 1.9551 * 1.9897 * 1.8606 * 2.9897 *
   ************************************************************************
10 * 1.4133 * 1.4814 * 1.4648 * 1.5397 * 1.7549 * 1.4615 * 1.6363 *  .8583 *
   * 2.0772 * 1.9753 * 2.0088 * 1.8960 * 1.8123 * 2.0107 * 1.9339 * 3.2053 *
   ************************************************************************
11 * 1.3418 * 1.7458 * 1.5397 * 1.7566 * 1.5386 * 1.7082 * 1.1035 *  .6087 *
   * 2.1872 * 1.8152 * 1.8960 * 1.8138 * 1.9095 * 1.8650 * 2.4988 * 4.6383 *
   ************************************************************************
12 * 1.6409 * 1.4943 * 1.7548 * 1.5386 * 1.4181 * 1.7080 *  .9688 *
   * 1.9229 * 1.9549 * 1.8124 * 1.9094 * 2.1014 * 1.8747 * 2.7943 *
   ****************************************************************
13 * 1.2909 * 1.4737 * 1.4615 * 1.7081 * 1.7081 * 1.5614 *  .7877 *
   * 2.2780 * 1.9891 * 2.0105 * 1.8651 * 1.8747 * 2.0494 * 3.4605 *
   ****************************************************************
14 * 1.6903 * 1.6983 * 1.6362 * 1.1034 *  .9686 *  .8014 *
   * 1.8674 * 1.8601 * 1.9340 * 2.4972 * 2.7943 * 3.4976 *
   ********************************************************
15 *  .8555 *  .8851 *  .8582 *  .6086 * F-SUB-Q
   * 3.0624 * 2.9909 * 3.2051 * 4.6384 * M-SUB-Q
   *************************************
```

AT 75% POWER, 460 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6877 * 1.3733 * 1.4209 * 1.3418 * 1.6526 * 1.2841 * 1.7047 *  .8448 *
   * 1.8684 * 2.1334 * 2.0242 * 2.1291 * 1.8570 * 2.2120 * 1.7852 * 2.9753 *
   ************************************************************************
 9 * 1.3733 * 1.7620 * 1.4882 * 1.7648 * 1.4989 * 1.4767 * 1.7134 *  .8707 *
   * 2.1334 * 1.7741 * 1.9207 * 1.7529 * 1.9003 * 1.9231 * 1.7850 * 2.9181 *
   ************************************************************************
10 * 1.4209 * 1.4877 * 1.4712 * 1.5447 * 1.7779 * 1.4658 * 1.6539 *  .8401 *
   * 2.0242 * 1.9213 * 1.9559 * 1.8465 * 1.7541 * 1.9583 * 1.8656 * 3.1795 *
   ************************************************************************
11 * 1.3418 * 1.7648 * 1.5447 * 1.7776 * 1.5495 * 1.7309 * 1.0928 *  .5998 *
   * 2.1291 * 1.7529 * 1.8466 * 1.7596 * 1.8618 * 1.8078 * 2.4728 * 4.5918 *
   ************************************************************************
12 * 1.6526 * 1.4991 * 1.7778 * 1.5495 * 1.4305 * 1.7384 *  .9566 *
   * 1.8570 * 1.9001 * 1.7542 * 1.8617 * 2.0497 * 1.8146 * 2.7844 *
   ****************************************************************
13 * 1.2841 * 1.4770 * 1.4658 * 1.7307 * 1.7385 * 1.5920 *  .7812 *
   * 2.2120 * 1.9225 * 1.9582 * 1.8079 * 1.8146 * 1.9840 * 3.4410 *
   ****************************************************************
14 * 1.7047 * 1.7138 * 1.6537 * 1.0927 *  .9564 *  .7954 *
   * 1.7852 * 1.7846 * 1.8657 * 2.4711 * 2.7844 * 3.4755 *
   ********************************************************
15 *  .8448 *  .8710 *  .8399 *  .5997 * F-SUB-Q
   * 2.9753 * 2.9191 * 3.1795 * 4.5918 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6949	1.3721	1.4198	1.3374	1.6516	1.2767	1.7047	.8400
	1.7688	2.0188	1.9158	2.0226	1.7594	2.0983	1.6937	2.8205
9	1.3721	1.7695	1.4866	1.7679	1.4957	1.4729	1.7141	.8625
	2.0188	1.6796	1.8254	1.6701	1.8125	1.8235	1.6915	2.7752
10	1.4198	1.4861	1.4689	1.5426	1.7831	1.4625	1.6559	.8339
	1.9158	1.8260	1.8595	1.7611	1.6683	1.8661	1.7740	3.0019
11	1.3374	1.7679	1.5426	1.7821	1.5496	1.7356	1.0885	.5949
	2.0226	1.6702	1.7612	1.6754	1.7711	1.7175	2.3432	4.3254
12	1.6516	1.4958	1.7830	1.5496	1.4310	1.7471	.9533	
	1.7594	1.8123	1.6684	1.7711	1.9498	1.7247	2.6318	
13	1.2767	1.4732	1.4625	1.7355	1.7472	1.6017	.7793	
	2.0983	1.8230	1.8661	1.7177	1.7247	1.8804	3.2455	
14	1.7047	1.7144	1.6557	1.0884	.9531	.7933		
	1.6937	1.6912	1.7741	2.3417	2.6319	3.2791		
15	.8400	.8624	.8337	.5948	F-SUB-Q			
	2.8205	2.7771	3.0019	4.3253	M-SUB-Q			

AT 75% POWER, 460 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6940	1.3741	1.4160	1.3318	1.6455	1.2692	1.6983	.8372
	1.6292	1.8581	1.7711	1.8654	1.6238	1.9434	1.5677	2.6100
9	1.3741	1.7700	1.4824	1.7640	1.4892	1.4664	1.7082	.8625
	1.8581	1.5473	1.6875	1.5390	1.6716	1.6866	1.5638	2.5587
10	1.4160	1.4818	1.4632	1.5375	1.7799	1.4564	1.6508	.8335
	1.7711	1.6881	1.7219	1.6281	1.5403	1.7262	1.6325	2.7620
11	1.3318	1.7639	1.5374	1.7804	1.5445	1.7320	1.0888	.5938
	1.8654	1.5390	1.6282	1.5452	1.6374	1.5847	2.1590	3.9933
12	1.6455	1.4893	1.7798	1.5445	1.4264	1.7455	.9547	
	1.6238	1.6714	1.5404	1.6373	1.8010	1.5877	2.4195	
13	1.2692	1.4667	1.4563	1.7318	1.7456	1.6009	.7816	
	1.9434	1.6862	1.7262	1.5849	1.5877	1.7293	2.9773	
14	1.6983	1.7085	1.6506	1.0888	.9545	.7960		
	1.5677	1.5635	1.6327	2.1575	2.4195	3.0066		
15	.8372	.8627	.8333	.5938	F-SUB-Q			
	2.6100	2.5597	2.7621	3.9934	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6847 * 1.3826 * 1.4091 * 1.3258 * 1.6326 * 1.2682 * 1.6833 *  .8410 *
   * 1.6383 * 1.8481 * 1.7811 * 1.8749 * 1.6382 * 1.9540 * 1.5858 * 2.6084 *
   ************************************************************************
 9 * 1.3826 * 1.7604 * 1.4753 * 1.7509 * 1.4799 * 1.4574 * 1.6935 *  .8686 *
   * 1.8481 * 1.5573 * 1.6919 * 1.5485 * 1.6812 * 1.7004 * 1.5804 * 2.5500 *
   ************************************************************************
10 * 1.4091 * 1.4747 * 1.4541 * 1.5302 * 1.7670 * 1.4482 * 1.6368 *  .8452 *
   * 1.7811 * 1.6925 * 1.7302 * 1.6324 * 1.5510 * 1.7315 * 1.6445 * 2.7279 *
   ************************************************************************
11 * 1.3258 * 1.7509 * 1.5301 * 1.7698 * 1.5356 * 1.7193 * 1.0971 *  .5976 *
   * 1.8749 * 1.5485 * 1.6325 * 1.5559 * 1.6489 * 1.5980 * 2.1422 * 3.9593 *
   ************************************************************************
12 * 1.6326 * 1.4801 * 1.7669 * 1.5356 * 1.4181 * 1.7331 *  .9668 *
   * 1.6382 * 1.6810 * 1.5510 * 1.6489 * 1.8132 * 1.5990 * 2.3930 *
   ****************************************************************
13 * 1.2682 * 1.4577 * 1.4481 * 1.7191 * 1.7332 * 1.5899 *  .7911 *
   * 1.9540 * 1.7000 * 1.7315 * 1.5981 * 1.5989 * 1.7401 * 2.9442 *
   ****************************************************************
14 * 1.6833 * 1.6938 * 1.6366 * 1.0970 *  .9666 *  .8045 *
   * 1.5858 * 1.5802 * 1.6447 * 2.1407 * 2.3931 * 2.9776 *
   ********************************************************
15 *  .8410 *  .8688 *  .8451 *  .5975 * F-SUB-Q
   * 2.6084 * 2.5511 * 2.7277 * 3.9594 * M-SUB-Q
   *************************************
```

AT 75% POWER, 460 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7097 * 1.3766 * 1.4197 * 1.3319 * 1.6544 * 1.2657 * 1.7093 *  .8341 *
   * 1.4939 * 1.7232 * 1.6457 * 1.7451 * 1.5118 * 1.8290 * 1.4621 * 2.4651 *
   ************************************************************************
 9 * 1.3766 * 1.7885 * 1.4872 * 1.7790 * 1.4917 * 1.4695 * 1.7200 *  .8571 *
   * 1.7232 * 1.4266 * 1.5667 * 1.4232 * 1.5584 * 1.5783 * 1.4561 * 2.4217 *
   ************************************************************************
10 * 1.4197 * 1.4866 * 1.4657 * 1.5417 * 1.7965 * 1.4584 * 1.6627 *  .8289 *
   * 1.6457 * 1.5673 * 1.6016 * 1.5123 * 1.4207 * 1.6042 * 1.5114 * 2.6029 *
   ************************************************************************
11 * 1.3319 * 1.7789 * 1.5417 * 1.7954 * 1.5494 * 1.7454 * 1.0868 *  .5890 *
   * 1.7451 * 1.4232 * 1.5123 * 1.4272 * 1.5205 * 1.4634 * 2.0126 * 3.7487 *
   ************************************************************************
12 * 1.6544 * 1.4918 * 1.7963 * 1.5494 * 1.4296 * 1.7617 *  .9518 *
   * 1.5118 * 1.5583 * 1.4208 * 1.5205 * 1.6694 * 1.4636 * 2.2644 *
   ****************************************************************
13 * 1.2657 * 1.4697 * 1.4583 * 1.7452 * 1.7618 * 1.6161 *  .7794 *
   * 1.8290 * 1.5780 * 1.6042 * 1.4636 * 1.4636 * 1.5914 * 2.7868 *
   ****************************************************************
14 * 1.7093 * 1.7203 * 1.6625 * 1.0867 *  .9516 *  .7926 *
   * 1.4621 * 1.4559 * 1.5116 * 2.0112 * 2.2645 * 2.8185 *
   ********************************************************
15 *  .8341 *  .8568 *  .8287 *  .5890 * F-SUB-Q
   * 2.4651 * 2.4239 * 2.6029 * 3.7487 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7176	1.3810	1.4242	1.3349	1.6610	1.2678	1.7168	.8352
	1.3891	1.6100	1.5459	1.6451	1.4224	1.7267	1.3757	2.3300
9	1.3810	1.7978	1.4926	1.7877	1.4964	1.4746	1.7279	.8585
	1.6100	1.3335	1.4733	1.3364	1.4669	1.4865	1.3693	2.2878
10	1.4242	1.4919	1.4700	1.5472	1.8055	1.4632	1.6703	.8302
	1.5459	1.4739	1.5069	1.4217	1.3312	1.5083	1.4192	2.4565
11	1.3349	1.7876	1.5472	1.8045	1.5545	1.7538	1.0895	.5892
	1.6451	1.3364	1.4218	1.3347	1.4254	1.3673	1.8906	3.5372
12	1.6610	1.4965	1.8054	1.5545	1.4338	1.7708	.9541	
	1.4224	1.4668	1.3313	1.4254	1.5532	1.3568	2.1161	
13	1.2678	1.4748	1.4631	1.7536	1.7708	1.6242	.7811	
	1.7267	1.4862	1.5083	1.3675	1.3568	1.4754	2.5976	
14	1.7168	1.7282	1.6701	1.0895	.9539	.7942		
	1.3757	1.3691	1.4194	1.8893	2.1162	2.6275		
15	.8352	.8582	.8300	.5891	F-SUB-Q			
	2.3300	2.2899	2.4566	3.5372	M-SUB-Q			

AT 75% POWER, 460 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6997	1.3926	1.4180	1.3304	1.6441	1.2737	1.6965	.8418
	1.3231	1.5067	1.4692	1.5692	1.3658	1.6408	1.3256	2.2081
9	1.3926	1.7786	1.4862	1.7671	1.4883	1.4671	1.7079	.8708
	1.5067	1.2717	1.4020	1.2798	1.3996	1.4227	1.3178	2.1542
10	1.4180	1.4856	1.4614	1.5416	1.7836	1.4575	1.6507	.8474
	1.4692	1.4025	1.4354	1.3513	1.2721	1.4356	1.3631	2.2969
11	1.3304	1.7671	1.5416	1.7876	1.5450	1.7351	1.1029	.5971
	1.5692	1.2799	1.3514	1.2710	1.3537	1.3035	1.7690	3.3295
12	1.6441	1.4884	1.7835	1.5450	1.4252	1.7505	.9734	
	1.3658	1.3994	1.2722	1.3537	1.4743	1.2935	1.9591	
13	1.2737	1.4673	1.4574	1.7349	1.7506	1.6050	.7945	
	1.6408	1.4224	1.4357	1.3036	1.2935	1.4071	2.4123	
14	1.6965	1.7082	1.6505	1.1028	.9732	.8076		
	1.3256	1.3176	1.3633	1.7678	1.9591	2.4404		
15	.8418	.8710	.8473	.5970	F-SUB-Q			
	2.2081	2.1551	2.2967	3.3297	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6981 * 1.3697 * 1.4177 * 1.3246 * 1.6446 * 1.2614 * 1.6979 *  .8262 *
   * 1.2625 * 1.4615 * 1.4028 * 1.5046 * 1.3027 * 1.5807 * 1.2635 * 2.1537 *
   ************************************************************************
 9 * 1.3697 * 1.7743 * 1.4854 * 1.7667 * 1.4873 * 1.4666 * 1.7099 *  .8523 *
   * 1.4615 * 1.2156 * 1.3388 * 1.2209 * 1.3365 * 1.3583 * 1.2556 * 2.1062 *
   ************************************************************************
10 * 1.4177 * 1.4847 * 1.4618 * 1.5396 * 1.7811 * 1.4567 * 1.6527 *  .8245 *
   * 1.4028 * 1.3393 * 1.3699 * 1.2909 * 1.2147 * 1.3708 * 1.2988 * 2.2581 *
   ************************************************************************
11 * 1.3246 * 1.7667 * 1.5395 * 1.7832 * 1.5430 * 1.7360 * 1.0814 *  .5850 *
   * 1.5046 * 1.2210 * 1.2910 * 1.2148 * 1.2928 * 1.2421 * 1.7227 * 3.2573 *
   ************************************************************************
12 * 1.6446 * 1.4875 * 1.7810 * 1.5430 * 1.4228 * 1.7509 *  .9492 *
   * 1.3027 * 1.3364 * 1.2147 * 1.2928 * 1.4090 * 1.2326 * 1.9188 *
   ****************************************************************
13 * 1.2614 * 1.4669 * 1.4567 * 1.7358 * 1.7509 * 1.6039 *  .7753 *
   * 1.5807 * 1.3580 * 1.3708 * 1.2423 * 1.2325 * 1.3422 * 2.3617 *
   ****************************************************************
14 * 1.6979 * 1.7102 * 1.6525 * 1.0813 *  .9490 *  .7885 *
   * 1.2635 * 1.2554 * 1.2990 * 1.7216 * 1.9188 * 2.3879 *
   ********************************************************
15 *  .8262 *  .8525 *  .8243 *  .5849 * F-SUB-Q
   * 2.1537 * 2.1070 * 2.2582 * 3.2573 * M-SUB-Q
   *************************************
```

AT 75% POWER, 460 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6087 * 1.3044 * 1.3641 * 1.2677 * 1.5613 * 1.2121 * 1.6067 *  .7865 *
   * 1.2827 * 1.4784 * 1.4054 * 1.5153 * 1.3217 * 1.5863 * 1.2865 * 2.1851 *
   ************************************************************************
 9 * 1.3044 * 1.6758 * 1.4268 * 1.6691 * 1.4245 * 1.4053 * 1.6187 *  .8102 *
   * 1.4784 * 1.2389 * 1.3430 * 1.2438 * 1.3446 * 1.3664 * 1.2777 * 2.1402 *
   ************************************************************************
10 * 1.3641 * 1.4262 * 1.4022 * 1.4744 * 1.6771 * 1.3980 * 1.5655 *  .7855 *
   * 1.4054 * 1.3435 * 1.3762 * 1.2988 * 1.2416 * 1.3767 * 1.3215 * 2.2900 *
   ************************************************************************
11 * 1.2677 * 1.6690 * 1.4744 * 1.6814 * 1.4735 * 1.6429 * 1.0299 *  .5586 *
   * 1.5153 * 1.2438 * 1.2988 * 1.2398 * 1.3037 * 1.2637 * 1.7450 * 3.2997 *
   ************************************************************************
12 * 1.5613 * 1.4246 * 1.6771 * 1.4735 * 1.3600 * 1.6530 *  .9053 *
   * 1.3217 * 1.3445 * 1.2416 * 1.3037 * 1.4204 * 1.2569 * 1.9420 *
   ****************************************************************
13 * 1.2121 * 1.4057 * 1.3980 * 1.6427 * 1.6531 * 1.5131 *  .7365 *
   * 1.5863 * 1.3660 * 1.3767 * 1.2638 * 1.2568 * 1.3706 * 2.4013 *
   ****************************************************************
14 * 1.6067 * 1.6191 * 1.5653 * 1.0297 *  .9051 *  .7513 *
   * 1.2865 * 1.2774 * 1.3217 * 1.7439 * 1.9420 * 2.4210 *
   ********************************************************
15 *  .7865 *  .8104 *  .7853 *  .5585 * F-SUB-Q
   * 2.1851 * 2.1412 * 2.2900 * 3.2997 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 460 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3499	1.1243	1.1826	1.0916	1.3109	1.0494	1.3453	.6695
	1.4827	1.6639	1.5744	1.7088	1.5279	1.7810	1.4922	2.5006
9	1.1243	1.4251	1.2335	1.4102	1.2007	1.2069	1.3547	.6878
	1.6639	1.4116	1.5083	1.4281	1.5484	1.5462	1.4829	2.4557
10	1.1826	1.2330	1.1877	1.2690	1.4189	1.2056	1.3125	.6641
	1.5744	1.5088	1.5771	1.4635	1.4232	1.5497	1.5315	2.6395
11	1.0916	1.4102	1.2690	1.4168	1.2384	1.3719	.8708	.4834
	1.7088	1.4281	1.4636	1.4264	1.5046	1.4688	2.0086	3.7228
12	1.3109	1.2008	1.4189	1.2384	1.1418	1.3778	.7690	
	1.5279	1.5482	1.4232	1.5046	1.6435	1.4641	2.2258	
13	1.0494	1.2074	1.2056	1.3718	1.3779	1.2658	.6260	
	1.7810	1.5453	1.5496	1.4689	1.4640	1.5920	2.7539	
14	1.3453	1.3551	1.3125	.8707	.7689	.6382		
	1.4922	1.4825	1.5317	2.0073	2.2257	2.7774		
15	.6695	.6880	.6639	.4833	F-SUB-Q			
	2.5006	2.4567	2.6396	3.7228	M-SUB-Q			

AT 75% POWER, 460 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.6532	.5654	.5550	.5478	.6343	.5283	.5876	.3240
	2.9887	3.2294	3.2707	3.3242	3.0829	3.4566	3.3323	5.0583
9	.5654	.6491	.5740	.6578	.5590	.5535	.5907	.3281
	3.2294	3.0153	3.1582	2.9818	3.2406	3.2878	3.3167	5.0394
10	.5550	.5739	.5468	.5902	.6630	.5599	.5692	.3142
	3.2707	3.1591	3.3391	3.0653	2.9645	3.2525	3.4459	5.4620
11	.5478	.6578	.5901	.6624	.5649	.6242	.4246	.2369
	3.3242	2.9819	3.0653	2.9694	3.2134	3.1474	4.0265	7.4509
12	.6343	.5591	.6630	.5649	.5297	.5992	.3668	
	3.0829	3.2401	2.9646	3.2134	3.4529	3.2820	4.5655	
13	.5283	.5538	.5599	.6242	.5993	.5406	.2953	
	3.4566	3.2855	3.2522	3.1475	3.2816	3.6411	5.7170	
14	.5876	.5909	.5692	.4245	.3668	.2997		
	3.3323	3.3156	3.4460	4.0240	4.5643	5.7918		
15	.3240	.3281	.3142	.2368	F-SUB-Q			
	5.0583	5.0419	5.4615	7.4505	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.4739	.5665	.6122	.6319	.7363	.6298	.6340	.3303
	3.6982	4.2722	4.1772	4.0228	3.4464	4.0501	4.0565	7.1772
9	.5665	.6758	.6442	.7212	.6265	.6173	.6287	.3304
	4.2722	3.8192	3.9870	3.5368	4.0544	4.1331	4.0890	7.0856
10	.6122	.6441	.6032	.6316	.6686	.5735	.5576	.2992
	4.1771	3.9878	4.2934	4.0765	3.7849	4.3936	4.5266	7.7226
11	.6319	.7214	.6318	.6338	.5252	.5333	.3890	.2018
	4.0228	3.5359	4.0755	4.0420	4.7707	4.4342	5.9365	11.3483
12	.7363	.6268	.6691	.5254	.3731	.3951	.2664	
	3.4464	4.0520	3.7826	4.7695	5.0525	4.6716	7.3001	
13	.6298	.6188	.5741	.5337	.3952	.3148	.1786	
	4.0501	4.1231	4.3891	4.4325	4.6712	5.2738	9.5110	
14	.6340	.6298	.5582	.3892	.2664	.1827		
	4.0565	4.0823	4.5216	5.9331	7.3015	9.3070		
15	.3303	.3306	.2994	.2020	F-SUB-Q			
	7.1772	7.0823	7.7176	11.3408	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.0124	1.2122	1.4325	1.3554	1.6371	1.3791	1.5979	.7305
	1.7201	2.0496	1.8458	1.9386	1.6021	1.9073	1.6652	3.3570
9	1.2122	1.4882	1.5045	1.5829	1.4505	1.4780	1.5893	.7544
	2.0496	1.7923	1.7596	1.6680	1.8131	1.7851	1.6636	3.1991
10	1.4325	1.5041	1.4522	1.4569	1.4221	1.3570	1.4285	.6984
	1.8458	1.7601	1.8461	1.8212	1.8496	1.9231	1.8224	3.4095
11	1.3554	1.5831	1.4571	1.3494	1.1907	1.2828	.8839	.4444
	1.9386	1.6677	1.8209	1.9564	2.0833	1.8898	2.7045	5.3314
12	1.6371	1.4514	1.4228	1.1911	.8359	.9868	.6110	
	1.6021	1.8119	1.8486	2.0828	2.1686	1.8928	3.2678	
13	1.3791	1.4814	1.3585	1.2835	.9871	.8332	.4345	
	1.9073	1.7811	1.9210	1.8891	1.8925	2.1100	4.0190	
14	1.5979	1.5916	1.4300	.8843	.6110	.4370		
	1.6652	1.6612	1.8205	2.7032	3.2683	4.0000		
15	.7305	.7550	.6989	.4446	F-SUB-Q			
	3.3570	3.1965	3.4077	5.3281	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1014	1.4124	1.6863	1.5362	1.6194	1.5972	1.7032	.8108
	1.8008	1.8662	1.6046	1.7571	1.6578	1.6828	1.5793	3.0606
9	1.4124	1.6664	1.7367	1.6373	1.7025	1.7362	1.6607	.8467
	1.8662	1.6284	1.5587	1.6548	1.5806	1.5492	1.6186	2.8919
10	1.6863	1.7363	1.7597	1.6807	1.5555	1.5900	1.6065	.8061
	1.6046	1.5590	1.5432	1.6090	1.7230	1.6811	1.6576	3.0170
11	1.5362	1.6374	1.6810	1.5316	1.3620	1.3106	1.0187	.5149
	1.7571	1.6547	1.6088	1.7608	1.8088	1.9472	2.4069	4.7146
12	1.6194	1.7049	1.5573	1.3626	.9805	1.0220	.6811	
	1.6578	1.5784	1.7211	1.8086	1.8285	1.8785	2.9975	
13	1.5972	1.7404	1.5919	1.3115	1.0224	1.0073	.5126	
	1.6828	1.5455	1.6791	1.9465	1.8781	1.7871	3.4825	
14	1.7032	1.6633	1.6083	1.0191	.6811	.5215		
	1.5793	1.6161	1.6558	2.4059	2.9977	3.4252		
15	.8108	.8474	.8066	.5152	F-SUB-Q			
	3.0606	2.8898	3.0153	4.7116	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1885	1.4986	1.8022	1.6238	1.7286	1.6965	1.8375	.8192
	1.7201	1.8357	1.5438	1.7102	1.5976	1.6273	1.4999	3.0606
9	1.4986	1.7978	1.8571	1.7644	1.8135	1.8654	1.7918	.8558
	1.8357	1.5511	1.4982	1.5777	1.5256	1.4800	1.5380	2.8919
10	1.8022	1.8567	1.8959	1.7936	1.6759	1.7066	1.7466	.8281
	1.5438	1.4986	1.4695	1.5489	1.6457	1.6106	1.5663	3.0170
11	1.6238	1.7645	1.7939	1.6509	1.4411	1.4056	1.0581	.5298
	1.7102	1.5776	1.5486	1.6796	1.7386	1.8730	2.3885	4.7146
12	1.7286	1.8163	1.6779	1.4417	1.0389	1.0936	.6921	
	1.5976	1.5231	1.6438	1.7384	1.7503	1.8025	2.9975	
13	1.6965	1.8701	1.7088	1.4066	1.0941	1.1152	.5368	
	1.6273	1.4768	1.6086	1.8723	1.8020	1.6661	3.4323	
14	1.8375	1.7946	1.7486	1.0586	.6922	.5477		
	1.4999	1.5357	1.5645	2.3873	2.9977	3.3673		
15	.8192	.8565	.8286	.5302	F-SUB-Q			
	3.0606	2.8898	3.0153	4.7116	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2282 * 1.5131 * 1.8188 * 1.6355 * 1.7642 * 1.7120 * 1.8788 *  .8211 *
   * 1.7990 * 1.9015 * 1.5881 * 1.7612 * 1.6215 * 1.6709 * 1.5200 * 3.2082 *
   ************************************************************************
 9 * 1.5131 * 1.8334 * 1.8805 * 1.7991 * 1.8323 * 1.8931 * 1.8337 *  .8610 *
   * 1.9015 * 1.5792 * 1.5358 * 1.6061 * 1.5632 * 1.5085 * 1.5574 * 3.0215 *
   ************************************************************************
10 * 1.8188 * 1.8800 * 1.9203 * 1.8142 * 1.7098 * 1.7319 * 1.7928 *  .8358 *
   * 1.5881 * 1.5362 * 1.5052 * 1.5893 * 1.6696 * 1.6419 * 1.5793 * 3.1025 *
   ************************************************************************
11 * 1.6355 * 1.7992 * 1.8144 * 1.6833 * 1.4628 * 1.4381 * 1.0735 *  .5309 *
   * 1.7612 * 1.6061 * 1.5891 * 1.7113 * 1.7804 * 1.9023 * 2.4339 * 4.8673 *
   ************************************************************************
12 * 1.7642 * 1.8352 * 1.7120 * 1.4634 * 1.0653 * 1.1318 *  .7011 *
   * 1.6215 * 1.5605 * 1.6675 * 1.7801 * 1.7928 * 1.8267 * 3.1364 *
   ****************************************************************
13 * 1.7120 * 1.8973 * 1.7341 * 1.4392 * 1.1324 * 1.1659 *  .5492 *
   * 1.6709 * 1.5052 * 1.6397 * 1.9016 * 1.8264 * 1.6721 * 3.5116 *
   ****************************************************************
14 * 1.8788 * 1.8366 * 1.7950 * 1.0741 *  .7014 *  .5611 *
   * 1.5200 * 1.5550 * 1.5774 * 2.4324 * 3.1358 * 3.4408 *
   *******************************************************
15 *  .8211 *  .8618 *  .8364 *  .5313 * F-SUB-Q
   * 3.2082 * 3.0193 * 3.1006 * 4.8636 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2506 * 1.5046 * 1.8054 * 1.6240 * 1.7633 * 1.7013 * 1.8809 *  .8194 *
   * 1.8895 * 1.9950 * 1.6629 * 1.8442 * 1.6846 * 1.7437 * 1.5739 * 3.3363 *
   ************************************************************************
 9 * 1.5046 * 1.8300 * 1.8722 * 1.7966 * 1.8226 * 1.8907 * 1.8370 *  .8610 *
   * 1.9950 * 1.6463 * 1.6029 * 1.6711 * 1.6320 * 1.5646 * 1.6113 * 3.1354 *
   ************************************************************************
10 * 1.8054 * 1.8717 * 1.9114 * 1.8061 * 1.7094 * 1.7285 * 1.7997 *  .8363 *
   * 1.6629 * 1.6034 * 1.5720 * 1.6582 * 1.7367 * 1.7104 * 1.6330 * 3.2144 *
   ************************************************************************
11 * 1.6240 * 1.7967 * 1.8064 * 1.6824 * 1.4651 * 1.4443 * 1.0785 *  .5285 *
   * 1.8442 * 1.6710 * 1.6580 * 1.7801 * 1.8674 * 1.9849 * 2.5286 * 5.0938 *
   ************************************************************************
12 * 1.7633 * 1.8256 * 1.7116 * 1.4657 * 1.0830 * 1.1529 *  .7089 *
   * 1.6846 * 1.6290 * 1.7345 * 1.8670 * 1.8840 * 1.9058 * 3.2773 *
   ****************************************************************
13 * 1.7013 * 1.8950 * 1.7308 * 1.4455 * 1.1535 * 1.1939 *  .5581 *
   * 1.7437 * 1.5611 * 1.7082 * 1.9839 * 1.9056 * 1.7410 * 3.6753 *
   ****************************************************************
14 * 1.8809 * 1.8400 * 1.8020 * 1.0792 *  .7093 *  .5703 *
   * 1.5739 * 1.6087 * 1.6310 * 2.5268 * 3.2763 * 3.6001 *
   *******************************************************
15 *  .8194 *  .8618 *  .8369 *  .5289 * F-SUB-Q
   * 3.3363 * 3.1330 * 3.2122 * 5.0896 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2633	1.5002	1.8016	1.6189	1.7690	1.6974	1.8941	.8103
	1.9662	2.0867	1.7594	1.9536	1.7708	1.8415	1.6435	3.5445
9	1.5002	1.8368	1.8724	1.8047	1.8217	1.8967	1.8497	.8499
	2.0867	1.7312	1.6917	1.7555	1.7214	1.6415	1.6832	3.3378
10	1.8016	1.8718	1.9125	1.8073	1.7194	1.7333	1.8154	.8274
	1.7594	1.6922	1.6573	1.7489	1.8227	1.8004	1.7068	3.4226
11	1.6189	1.8048	1.8076	1.6922	1.4740	1.4596	1.0732	.5215
	1.9536	1.7555	1.7486	1.8696	1.9616	2.0612	2.6901	5.4558
12	1.7690	1.8249	1.7217	1.4747	1.0923	1.1753	.7060	
	1.7708	1.7181	1.8202	1.9612	1.9778	1.9886	3.4926	
13	1.6974	1.9011	1.7357	1.4608	1.1759	1.2259	.5612	
	1.8415	1.6377	1.7979	2.0598	1.9884	1.8154	3.9072	
14	1.8941	1.8527	1.8177	1.0741	.7064	.5737		
	1.6435	1.6803	1.7046	2.6879	3.4914	3.8263		
15	.8103	.8507	.8281	.5220	F-SUB-Q			
	3.5445	3.3353	3.4201	5.4510	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2590	1.4884	1.7886	1.6066	1.7619	1.6852	1.8911	.8033
	2.1010	2.2413	1.9030	2.1138	1.9060	1.9870	1.7605	3.8197
9	1.4884	1.8297	1.8624	1.7992	1.8109	1.8910	1.8470	.8413
	2.2413	1.8660	1.8260	1.8902	1.8561	1.7619	1.8031	3.6034
10	1.7886	1.8618	1.9033	1.7992	1.7163	1.7286	1.8166	.8203
	1.9030	1.8266	1.7878	1.8864	1.9590	1.9352	1.8279	3.6955
11	1.6066	1.7993	1.7994	1.6895	1.4745	1.4637	1.0696	.5172
	2.1138	1.8901	1.8861	2.0121	2.0784	2.1829	2.8805	5.9069
12	1.7619	1.8142	1.7187	1.4752	1.0944	1.1861	.7066	
	1.9060	1.8525	1.9563	2.0779	2.1032	2.1160	3.7259	
13	1.6852	1.8955	1.7310	1.4649	1.1868	1.2473	.5663	
	1.9870	1.7577	1.9324	2.1813	2.1151	1.9330	4.1934	
14	1.8911	1.8500	1.8190	1.0705	.7070	.5787		
	1.7605	1.7998	1.8255	2.8783	3.7244	4.1074		
15	.8033	.8420	.8211	.5177	F-SUB-Q			
	3.8197	3.6006	3.6926	5.9013	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2625	1.4839	1.7841	1.6010	1.7621	1.6791	1.8952	.7953
	2.2899	2.4255	2.0678	2.2904	2.0415	2.1329	1.8761	4.0996
9	1.4839	1.8327	1.8612	1.8031	1.8073	1.8918	1.8509	.8308
	2.4255	2.0237	1.9810	2.0412	1.9939	1.8841	1.9224	3.8781
10	1.7841	1.8605	1.9031	1.7994	1.7218	1.7312	1.8252	.8129
	2.0678	1.9816	1.9394	2.0417	2.0978	2.0716	1.9489	3.9695
11	1.6010	1.8032	1.7997	1.6967	1.4837	1.4770	1.0676	.5129
	2.2904	2.0412	2.0414	2.1716	2.2417	2.3469	3.1152	6.3548
12	1.7621	1.8108	1.7242	1.4844	1.1021	1.2062	.7092	
	2.0415	1.9900	2.0949	2.2413	2.2725	2.2670	4.0449	
13	1.6791	1.8963	1.7337	1.4783	1.2069	1.2803	.5741	
	2.1329	1.8796	2.0686	2.3453	2.2668	2.0656	4.5311	
14	1.8952	1.8544	1.8277	1.0686	.7097	.5868		
	1.8761	1.9189	1.9463	3.1125	4.0431	4.4377		
15	.7953	.8315	.8136	.5134	F-SUB-Q			
	4.0996	3.8751	3.9663	6.3485	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2525	1.4678	1.7567	1.5763	1.7301	1.6510	1.8594	.7934
	2.5508	2.6952	2.2797	2.5232	2.2380	2.3328	2.0562	4.4046
9	1.4678	1.8042	1.8352	1.7742	1.7779	1.8634	1.8197	.8332
	2.6952	2.2319	2.1800	2.2501	2.1833	2.0575	2.1027	4.1431
10	1.7567	1.8345	1.8769	1.7761	1.6957	1.7108	1.7999	.8160
	2.2797	2.1807	2.1333	2.2458	2.2979	2.2571	2.1246	4.2281
11	1.5763	1.7742	1.7764	1.6747	1.4793	1.4669	1.0766	.5148
	2.5232	2.2501	2.2455	2.3935	2.4971	2.5945	3.3467	6.7673
12	1.7301	1.7815	1.6980	1.4800	1.1168	1.2178	.7290	
	2.2380	2.1790	2.2947	2.4966	2.5326	2.5231	4.4021	
13	1.6510	1.8678	1.7133	1.4682	1.2185	1.3053	.5946	
	2.3328	2.0527	2.2538	2.5925	2.5229	2.2979	4.9456	
14	1.8594	1.8232	1.8024	1.0776	.7295	.6081		
	2.0562	2.0987	2.1218	3.3434	4.4001	4.8404		
15	.7934	.8340	.8168	.5153	F-SUB-Q			
	4.4046	4.1398	4.2244	6.7604	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3123 * 1.4924 * 1.7749 * 1.5869 * 1.7479 * 1.6582 * 1.8846 *  .7831 *
   * 2.8026 * 2.9877 * 2.4399 * 2.6947 * 2.3683 * 2.4800 * 2.1577 * 4.7224 *
   ************************************************************************
 9 * 1.4924 * 1.8363 * 1.8570 * 1.8028 * 1.7920 * 1.8820 * 1.8453 *  .8188 *
   * 2.9877 * 2.3801 * 2.3290 * 2.3889 * 2.3186 * 2.1735 * 2.2109 * 4.4658 *
   ************************************************************************
10 * 1.7749 * 1.8563 * 1.9011 * 1.7984 * 1.7249 * 1.7342 * 1.8322 *  .8051 *
   * 2.4399 * 2.3298 * 2.2776 * 2.3941 * 2.4282 * 2.3929 * 2.2394 * 4.5718 *
   ************************************************************************
11 * 1.5869 * 1.8028 * 1.7987 * 1.7104 * 1.5263 * 1.5151 * 1.0798 *  .5113 *
   * 2.6947 * 2.3888 * 2.3937 * 2.5381 * 2.7222 * 2.8214 * 3.6237 * 7.3379 *
   ************************************************************************
12 * 1.7479 * 1.7956 * 1.7274 * 1.5271 * 1.1708 * 1.2989 *  .7421 *
   * 2.3683 * 2.3139 * 2.4248 * 2.7216 * 2.7691 * 2.7547 * 4.9221 *
   ***************************************************************
13 * 1.6582 * 1.8865 * 1.7367 * 1.5164 * 1.2997 * 1.4083 *  .6181 *
   * 2.4800 * 2.1684 * 2.3894 * 2.8194 * 2.7535 * 2.5109 * 5.5417 *
   ***************************************************************
14 * 1.8846 * 1.8489 * 1.8347 * 1.0809 *  .7425 *  .6315 *
   * 2.1577 * 2.2066 * 2.2363 * 3.6200 * 4.9198 * 5.4293 *
   ******************************************************
15 *  .7831 *  .8196 *  .8059 *  .5119 * F-SUB-Q
   * 4.7224 * 4.4623 * 4.5679 * 7.3303 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4590 * 1.5162 * 1.7868 * 1.5847 * 1.7444 * 1.6507 * 1.8819 *  .7787 *
   * 2.8716 * 3.0642 * 2.6523 * 2.9330 * 2.5598 * 2.6841 * 2.3228 * 5.0838 *
   ************************************************************************
 9 * 1.5162 * 1.8470 * 1.8622 * 1.8084 * 1.7879 * 1.8800 * 1.8455 *  .8143 *
   * 3.0642 * 2.5815 * 2.5339 * 2.5939 * 2.5095 * 2.3433 * 2.3798 * 4.8089 *
   ************************************************************************
10 * 1.7868 * 1.8614 * 1.9071 * 1.8043 * 1.7322 * 1.7418 * 1.8409 *  .8032 *
   * 2.6523 * 2.5349 * 2.4765 * 2.6014 * 2.6214 * 2.5803 * 2.4081 * 4.9208 *
   ************************************************************************
11 * 1.5847 * 1.8084 * 1.8046 * 1.7267 * 1.5740 * 1.5523 * 1.0936 *  .5134 *
   * 2.9330 * 2.5938 * 2.6010 * 2.7472 * 2.8863 * 2.9763 * 3.9083 * 7.8952 *
   ************************************************************************
12 * 1.7444 * 1.7916 * 1.7347 * 1.5748 * 1.2898 * 1.4252 *  .7735 *
   * 2.5598 * 2.5044 * 2.6177 * 2.8856 * 2.9579 * 2.9458 * 5.2914 *
   ***************************************************************
13 * 1.6507 * 1.8846 * 1.7443 * 1.5536 * 1.4260 * 1.5337 *  .6559 *
   * 2.6841 * 2.3378 * 2.5765 * 2.9739 * 2.9444 * 2.7261 * 6.0289 *
   ***************************************************************
14 * 1.8819 * 1.8491 * 1.8435 * 1.0947 *  .7740 *  .6698 *
   * 2.3228 * 2.3751 * 2.4048 * 3.9042 * 5.2886 * 5.9085 *
   ******************************************************
15 *  .7787 *  .8151 *  .8040 *  .5139 * F-SUB-Q
   * 5.0838 * 4.8050 * 4.9164 * 7.8869 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
     H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5789 * 1.5265 * 1.7819 * 1.5683 * 1.7193 * 1.6284 * 1.8534 *  .7765 *
   * 2.9149 * 3.1020 * 2.6143 * 2.8806 * 2.5569 * 2.6915 * 2.3627 * 5.1504 *
   ************************************************************************
 9 * 1.5265 * 1.8344 * 1.8487 * 1.7908 * 1.7662 * 1.8585 * 1.8220 *  .8148 *
   * 3.1020 * 2.5495 * 2.4941 * 2.5688 * 2.5162 * 2.3773 * 2.4233 * 4.8628 *
   ************************************************************************
10 * 1.7819 * 1.8479 * 1.8937 * 1.7928 * 1.7173 * 1.7324 * 1.8261 *  .8064 *
   * 2.6143 * 2.4951 * 2.4500 * 2.5832 * 2.6562 * 2.6397 * 2.4857 * 5.0227 *
   ************************************************************************
11 * 1.5683 * 1.7908 * 1.7930 * 1.7209 * 1.6057 * 1.5686 * 1.1110 *  .5167 *
   * 2.8806 * 2.5688 * 2.5828 * 2.7501 * 2.9160 * 3.0121 * 3.9840 * 8.2008 *
   ************************************************************************
12 * 1.7193 * 1.7698 * 1.7198 * 1.6065 * 1.5193 * 1.5283 *  .8112 *
   * 2.5569 * 2.5114 * 2.6522 * 2.9152 * 2.9890 * 2.9807 * 5.2599 *
   ****************************************************************
13 * 1.6284 * 1.8630 * 1.7349 * 1.5700 * 1.5291 * 1.6373 *  .6968 *
   * 2.6915 * 2.3718 * 2.6356 * 3.0096 * 2.9792 * 2.7561 * 6.0130 *
   ****************************************************************
14 * 1.8534 * 1.8256 * 1.8287 * 1.1121 *  .8117 *  .7122 *
   * 2.3627 * 2.4193 * 2.4820 * 3.9797 * 5.2568 * 5.8885 *
   ********************************************************
15 *  .7765 *  .8156 *  .8072 *  .5173 * F-SUB-Q
   * 5.1504 * 4.8586 * 5.0176 * 8.1909 * M-SUB-Q
   *************************************
```

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

```
     H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6473 * 1.5461 * 1.8016 * 1.5742 * 1.7312 * 1.6308 * 1.8728 *  .7647 *
   * 2.8338 * 3.0279 * 2.4883 * 2.7476 * 2.4283 * 2.5693 * 2.2341 * 4.9959 *
   ************************************************************************
 9 * 1.5461 * 1.8610 * 1.8651 * 1.8140 * 1.7749 * 1.8716 * 1.8423 *  .7989 *
   * 3.0279 * 2.4128 * 2.3702 * 2.4314 * 2.3964 * 2.2573 * 2.2934 * 4.7395 *
   ************************************************************************
10 * 1.8016 * 1.8643 * 1.9126 * 1.8099 * 1.7417 * 1.7521 * 1.8535 *  .7939 *
   * 2.4883 * 2.3711 * 2.3260 * 2.4556 * 2.5154 * 2.5074 * 2.3506 * 4.8884 *
   ************************************************************************
11 * 1.5742 * 1.8140 * 1.8102 * 1.7522 * 1.6517 * 1.6149 * 1.1116 *  .5116 *
   * 2.7476 * 2.4314 * 2.4552 * 2.6014 * 2.8090 * 2.8843 * 3.8568 * 7.9748 *
   ************************************************************************
12 * 1.7312 * 1.7786 * 1.7442 * 1.6521 * 1.6070 * 1.6158 *  .8211 *
   * 2.4283 * 2.3915 * 2.5116 * 2.8084 * 2.8808 * 2.8423 * 5.1068 *
   ****************************************************************
13 * 1.6308 * 1.8762 * 1.7546 * 1.6162 * 1.6166 * 1.7446 *  .7182 *
   * 2.5693 * 2.2520 * 2.5035 * 2.8821 * 2.8410 * 2.6160 * 5.7759 *
   ****************************************************************
14 * 1.8728 * 1.8460 * 1.8562 * 1.1128 *  .8215 *  .7331 *
   * 2.2341 * 2.2896 * 2.3470 * 3.8520 * 5.1041 * 5.6639 *
   ********************************************************
15 *  .7647 *  .7997 *  .7948 *  .5122 * F-SUB-Q
   * 4.9959 * 4.7353 * 4.8832 * 7.9648 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6596 * 1.5432 * 1.7970 * 1.5647 * 1.7232 * 1.6188 * 1.8678 *  .7560 *
   * 2.5831 * 2.7734 * 2.3721 * 2.6188 * 2.3115 * 2.4536 * 2.1234 * 4.7487 *
   ************************************************************************
 9 * 1.5432 * 1.8595 * 1.8597 * 1.8120 * 1.7656 * 1.8652 * 1.8392 *  .7875 *
   * 2.7734 * 2.2916 * 2.2570 * 2.3099 * 2.2848 * 2.1506 * 2.1801 * 4.5187 *
   ************************************************************************
10 * 1.7970 * 1.8588 * 1.9086 * 1.8062 * 1.7414 * 1.7510 * 1.8559 *  .7856 *
   * 2.3721 * 2.2579 * 2.2146 * 2.3378 * 2.3863 * 2.3854 * 2.2288 * 4.6407 *
   ************************************************************************
11 * 1.5647 * 1.8120 * 1.8065 * 1.7560 * 1.6749 * 1.6294 * 1.1104 *  .5079 *
   * 2.6188 * 2.3099 * 2.3374 * 2.4428 * 2.5598 * 2.6222 * 3.5516 * 7.5164 *
   ************************************************************************
12 * 1.7232 * 1.7694 * 1.7440 * 1.6754 * 1.6380 * 1.6503 *  .8278 *
   * 2.3115 * 2.2802 * 2.3828 * 2.5592 * 2.6267 * 2.5871 * 4.6923 *
   ****************************************************************
13 * 1.6188 * 1.8698 * 1.7535 * 1.6307 * 1.6511 * 1.7961 *  .7312 *
   * 2.4536 * 2.1456 * 2.3819 * 2.6202 * 2.5859 * 2.3777 * 5.3027 *
   ****************************************************************
14 * 1.8678 * 1.8429 * 1.8586 * 1.1117 *  .8283 *  .7462 *
   * 2.1234 * 2.1765 * 2.2257 * 3.5477 * 4.6896 * 5.2010 *
   ********************************************************
15 *  .7560 *  .7883 *  .7864 *  .5085 * F-SUB-Q
   * 4.7486 * 4.5150 * 4.6361 * 7.5074 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6470 * 1.5268 * 1.7789 * 1.5464 * 1.7046 * 1.5990 * 1.8485 *  .7476 *
   * 2.3768 * 2.5487 * 2.1442 * 2.3679 * 2.0900 * 2.2243 * 1.9200 * 4.2949 *
   ************************************************************************
 9 * 1.5268 * 1.8423 * 1.8417 * 1.7957 * 1.7461 * 1.8472 * 1.8221 *  .7814 *
   * 2.5487 * 2.0648 * 2.0373 * 2.0815 * 2.0671 * 1.9449 * 1.9694 * 4.0734 *
   ************************************************************************
10 * 1.7789 * 1.8408 * 1.8908 * 1.7901 * 1.7270 * 1.7370 * 1.8423 *  .7796 *
   * 2.1442 * 2.0381 * 1.9981 * 2.1063 * 2.1496 * 2.1472 * 2.0049 * 4.1833 *
   ************************************************************************
11 * 1.5464 * 1.7957 * 1.7903 * 1.7436 * 1.6741 * 1.6239 * 1.1069 *  .5041 *
   * 2.3679 * 2.0815 * 2.1059 * 2.2141 * 2.3615 * 2.4115 * 3.2497 * 6.7797 *
   ************************************************************************
12 * 1.7046 * 1.7499 * 1.7295 * 1.6745 * 1.6408 * 1.6556 *  .8313 *
   * 2.0900 * 2.0629 * 2.1465 * 2.3609 * 2.4254 * 2.3865 * 4.3254 *
   ****************************************************************
13 * 1.5990 * 1.8518 * 1.7395 * 1.6252 * 1.6564 * 1.8104 *  .7371 *
   * 2.2243 * 1.9405 * 2.1440 * 2.4096 * 2.3854 * 2.1861 * 4.8827 *
   ****************************************************************
14 * 1.8485 * 1.8258 * 1.8450 * 1.1082 *  .8318 *  .7521 *
   * 1.9200 * 1.9664 * 2.0020 * 3.2460 * 4.3230 * 4.7901 *
   ********************************************************
15 *  .7476 *  .7822 *  .7805 *  .5047 * F-SUB-Q
   * 4.2949 * 4.0699 * 4.1789 * 6.7716 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.6135	1.4984	1.7453	1.5174	1.6711	1.5689	1.8104	.7421
	2.3690	2.5379	2.1216	2.3431	2.0734	2.2043	1.9070	4.2186
9	1.4984	1.8051	1.8082	1.7602	1.7132	1.8143	1.7868	.7779
	2.5379	2.0448	2.0127	2.0619	2.0480	1.9247	1.9543	3.9891
10	1.7453	1.8073	1.8562	1.7586	1.6938	1.7076	1.8091	.7768
	2.1216	2.0135	1.9743	2.0810	2.1302	2.1209	1.9834	4.0895
11	1.5174	1.7602	1.7588	1.7109	1.6523	1.5967	1.1030	.5016
	2.3431	2.0619	2.0807	2.1903	2.3489	2.4035	3.1775	6.6305
12	1.6711	1.7170	1.6963	1.6527	1.6214	1.6348	.8352	
	2.0734	2.0437	2.1271	2.3484	2.4142	2.3812	4.2360	
13	1.5689	1.8188	1.7100	1.5981	1.6356	1.7931	.7401	
	2.2043	1.9203	2.1177	2.4015	2.3800	2.1895	4.8275	
14	1.8104	1.7904	1.8117	1.1043	.8358	.7557		
	1.9070	1.9509	1.9806	3.1736	4.2335	4.7322		
15	.7421	.7787	.7776	.5022	F-SUB-Q			
	4.2186	3.9857	4.0854	6.6225	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6186	1.4906	1.7421	1.5110	1.6735	1.5623	1.8196	.7253
	2.1352	2.2890	1.9243	2.1329	1.8811	2.0116	1.7249	3.9326
9	1.4906	1.8112	1.8070	1.7673	1.7105	1.8156	1.7950	.7561
	2.2890	1.8435	1.8228	1.8604	1.8623	1.7468	1.7673	3.7394
10	1.7421	1.8061	1.8559	1.7572	1.7010	1.7078	1.8184	.7569
	1.9243	1.8237	1.7867	1.8853	1.9233	1.9215	1.7885	3.8167
11	1.5110	1.7672	1.7575	1.7186	1.6556	1.6073	1.0823	.4894
	2.1329	1.8604	1.8850	1.9718	2.1315	2.1542	2.9242	6.1621
12	1.6735	1.7143	1.7036	1.6560	1.6250	1.6499	.8140	
	1.8811	1.8584	1.9204	2.1304	2.1922	2.1576	3.9670	
13	1.5623	1.8202	1.7103	1.6086	1.6501	1.8120	.7268	
	2.0116	1.7428	1.9186	2.1524	2.1565	1.9727	4.4861	
14	1.8196	1.7986	1.8210	1.0836	.8145	.7413		
	1.7249	1.7639	1.7860	2.9205	3.9647	4.4024		
15	.7253	.7569	.7577	.4900	F-SUB-Q			
	3.9326	3.7361	3.8128	6.1546	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5962	1.4692	1.7194	1.4895	1.6504	1.5403	1.7957	.7131
	1.9564	2.1231	1.7810	1.9805	1.7517	1.8740	1.6064	3.6856
9	1.4692	1.7880	1.7844	1.7450	1.6875	1.7932	1.7718	.7435
	2.1231	1.7028	1.6855	1.7226	1.7318	1.6234	1.6436	3.5028
10	1.7194	1.7835	1.8326	1.7351	1.6794	1.6865	1.7954	.7446
	1.7810	1.6864	1.6519	1.7443	1.7823	1.7797	1.6574	3.5649
11	1.4895	1.7450	1.7353	1.6971	1.6355	1.5874	1.0663	.4813
	1.9805	1.7227	1.7440	1.8190	1.9563	1.9920	2.6949	5.7298
12	1.6504	1.6912	1.6819	1.6359	1.6055	1.6302	.8019	
	1.7517	1.7281	1.7797	1.9558	2.0027	1.9746	3.6498	
13	1.5403	1.7976	1.6890	1.5888	1.6304	1.7908	.7161	
	1.8740	1.6196	1.7770	1.9904	1.9736	1.8123	4.1372	
14	1.7957	1.7754	1.7980	1.0676	.8023	.7303		
	1.6064	1.6405	1.6551	2.6917	3.6477	4.0605		
15	.7131	.7443	.7454	.4819	F-SUB-Q			
	3.6856	3.4997	3.5612	5.7229	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5419	1.4324	1.6744	1.4509	1.5960	1.5003	1.7316	.7054
	1.8801	1.9785	1.6788	1.8821	1.6829	1.7880	1.5487	3.4736
9	1.4324	1.7294	1.7366	1.6877	1.6410	1.7421	1.7106	.7409
	1.9785	1.6210	1.5979	1.6460	1.6525	1.5512	1.5806	3.2764
10	1.6744	1.7357	1.7821	1.6890	1.6234	1.6403	1.7332	.7404
	1.6788	1.5987	1.5668	1.6537	1.7046	1.6910	1.5878	3.3321
11	1.4509	1.6876	1.6892	1.6408	1.5894	1.5321	1.0548	.4777
	1.8821	1.6461	1.6535	1.7297	1.8633	1.8890	2.4981	5.3369
12	1.5959	1.6446	1.6258	1.5898	1.5607	1.5701	.7993	
	1.6829	1.6490	1.7021	1.8624	1.9028	1.8896	3.3935	
13	1.5003	1.7464	1.6427	1.5334	1.5708	1.7225	.7080	
	1.7880	1.5477	1.6886	1.8874	1.8887	1.7330	3.8603	
14	1.7316	1.7140	1.7357	1.0559	.7998	.7227		
	1.5487	1.5776	1.5855	2.4953	3.3915	3.7848		
15	.7054	.7416	.7411	.4782	F-SUB-Q			
	3.4736	3.2736	3.3289	5.3307	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5244 * 1.4159 * 1.6556 * 1.4333 * 1.5704 * 1.4807 * 1.7052 *  .6867 *
   * 1.7334 * 1.8575 * 1.5753 * 1.7838 * 1.6098 * 1.7031 * 1.4792 * 3.3652 *
   ************************************************************************
 9 * 1.4159 * 1.7034 * 1.7151 * 1.6629 * 1.6207 * 1.7181 * 1.6818 *  .7173 *
   * 1.8575 * 1.5331 * 1.5103 * 1.5620 * 1.5705 * 1.4772 * 1.5103 * 3.1907 *
   ************************************************************************
10 * 1.6556 * 1.7142 * 1.7584 * 1.6690 * 1.5997 * 1.6200 * 1.7016 *  .7147 *
   * 1.5753 * 1.5111 * 1.4822 * 1.5624 * 1.6180 * 1.6010 * 1.5136 * 3.2462 *
   ************************************************************************
11 * 1.4333 * 1.6628 * 1.6692 * 1.6169 * 1.5681 * 1.5104 * 1.0229 *  .4636 *
   * 1.7838 * 1.5621 * 1.5622 * 1.6324 * 1.7404 * 1.7743 * 2.3929 * 5.1467 *
   ************************************************************************
12 * 1.5704 * 1.6242 * 1.6020 * 1.5685 * 1.5389 * 1.5442 *  .7725 *
   * 1.6098 * 1.5673 * 1.6157 * 1.7396 * 1.7887 * 1.7836 * 3.2431 *
   ****************************************************************
13 * 1.4807 * 1.7223 * 1.6223 * 1.5116 * 1.5449 * 1.6812 *  .6814 *
   * 1.7031 * 1.4738 * 1.5987 * 1.7728 * 1.7827 * 1.6612 * 3.7524 *
   ****************************************************************
14 * 1.7052 * 1.6852 * 1.7040 * 1.0240 *  .7729 *  .6949 *
   * 1.4792 * 1.5074 * 1.5114 * 2.3902 * 3.2414 * 3.6832 *
   ********************************************************
15 *  .6867 *  .7181 *  .7155 *  .4641 * F-SUB-Q
   * 3.3652 * 3.1879 * 3.2430 * 5.1408 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4627 * 1.3570 * 1.5690 * 1.3723 * 1.4969 * 1.4100 * 1.6139 *  .6731 *
   * 1.6105 * 1.8155 * 1.5675 * 1.7682 * 1.5488 * 1.7023 * 1.4884 * 3.2797 *
   ************************************************************************
 9 * 1.3570 * 1.6073 * 1.6280 * 1.5704 * 1.5404 * 1.6247 * 1.5894 *  .6983 *
   * 1.8155 * 1.5357 * 1.5064 * 1.5673 * 1.5697 * 1.4861 * 1.5204 * 3.1299 *
   ************************************************************************
10 * 1.5690 * 1.6272 * 1.6541 * 1.5886 * 1.5121 * 1.5368 * 1.5986 *  .6881 *
   * 1.5675 * 1.5071 * 1.4915 * 1.5528 * 1.6236 * 1.6009 * 1.5288 * 3.2146 *
   ************************************************************************
11 * 1.3723 * 1.5703 * 1.5889 * 1.5267 * 1.4875 * 1.4374 *  .9817 *  .4436 *
   * 1.7682 * 1.5673 * 1.5526 * 1.6318 * 1.7125 * 1.6984 * 2.3525 * 5.1129 *
   ************************************************************************
12 * 1.4969 * 1.5435 * 1.5142 * 1.4878 * 1.4530 * 1.4662 *  .7532 *
   * 1.5488 * 1.5668 * 1.6214 * 1.7117 * 1.7708 * 1.7539 * 3.1272 *
   ****************************************************************
13 * 1.4100 * 1.6286 * 1.5389 * 1.4385 * 1.4669 * 1.5585 *  .6460 *
   * 1.7023 * 1.4827 * 1.5988 * 1.6972 * 1.7531 * 1.6692 * 3.7037 *
   ****************************************************************
14 * 1.6139 * 1.5924 * 1.6008 *  .9827 *  .7536 *  .6580 *
   * 1.4884 * 1.5176 * 1.5267 * 2.3500 * 3.1254 * 3.6393 *
   ********************************************************
15 *  .6731 *  .6990 *  .6888 *  .4441 * F-SUB-Q
   * 3.2797 * 3.1272 * 3.2115 * 5.1073 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4576	1.1793	1.3099	1.1831	1.4887	1.2002	1.4874	.6044
	1.6105	1.9942	1.7978	1.9585	1.5488	1.9244	1.5541	3.5315
9	1.1793	1.4414	1.3813	1.4752	1.2842	1.3691	1.4977	.6306
	1.9942	1.6378	1.7008	1.5893	1.8123	1.6976	1.5491	3.3541
10	1.3099	1.3806	1.3347	1.3514	1.3668	1.2889	1.3963	.6023
	1.7978	1.7016	1.7722	1.7477	1.7357	1.8321	1.6830	3.5461
11	1.1831	1.4754	1.3516	1.3603	1.2478	1.4213	.8609	.3830
	1.9585	1.5891	1.7475	1.7672	1.9353	1.6984	2.5732	5.7137
12	1.4887	1.2854	1.3679	1.2483	1.1713	1.4010	.6862	
	1.5488	1.8107	1.7343	1.9344	2.1008	1.7592	3.2951	
13	1.2002	1.3722	1.2906	1.4224	1.4017	1.2661	.5457	
	1.9244	1.6939	1.8297	1.6972	1.7583	1.9629	4.2004	
14	1.4874	1.5000	1.3981	.8618	.6866	.5558		
	1.5541	1.5467	1.6808	2.5705	3.2932	4.1273		
15	.6044	.6313	.6029	.3834	F-SUB-Q			
	3.5315	3.3511	3.5428	5.7076	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.6147	.5265	.5279	.5274	.6220	.5198	.5472	.2677
	3.6748	4.3012	4.2924	4.2508	3.5879	4.3013	4.0816	7.7330
9	.5265	.6037	.5545	.6201	.5255	.5335	.5486	.2726
	4.3012	3.7531	4.0815	3.6370	4.2724	4.2091	4.0838	7.5253
10	.5279	.5543	.5202	.5504	.5972	.5179	.5038	.2549
	4.2924	4.0830	4.3741	4.1325	3.8105	4.4013	4.5036	8.1196
11	.5274	.6203	.5506	.5904	.5047	.5500	.3710	.1696
	4.2508	3.6361	4.1307	3.8948	4.5739	4.2223	5.7669	12.5095
12	.6220	.5259	.5976	.5049	.4651	.5156	.2951	
	3.5879	4.2692	3.8079	4.5720	5.0762	4.6093	7.3924	
13	.5198	.5345	.5185	.5504	.5158	.4479	.2269	
	4.3013	4.2008	4.3962	4.2192	4.6066	5.3440	9.7674	
14	.5472	.5494	.5045	.3713	.2953	.2305		
	4.0816	4.0778	4.4979	5.7617	7.3867	9.6222		
15	.2677	.2729	.2552	.1698	F-SUB-Q			
	7.7330	7.5184	8.1113	12.4956	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	.4040	.4801	.5241	.5478	.6423	.5470	.5637	.2965
	4.1967	4.8625	4.7535	4.5200	3.8488	4.5375	4.4444	7.7699
9	.4801	.5797	.5529	.6266	.5458	.5418	.5585	.2960
	4.8625	4.3445	4.5266	3.9601	4.5326	4.5819	4.4828	7.6874
10	.5241	.5528	.5184	.5464	.5911	.5066	.4978	.2682
	4.7535	4.5275	4.8727	4.5577	4.1731	4.8455	4.9370	8.3680
11	.5478	.6268	.5466	.5586	.4616	.4775	.3463	.1829
	4.5200	3.9590	4.5561	4.4703	5.2444	4.8163	6.4798	12.1818
12	.6423	.5461	.5914	.4618	.3321	.3572	.2411	
	3.8488	4.5299	4.1707	5.2430	5.4952	5.0402	7.8592	
13	.5470	.5431	.5071	.4778	.3573	.2881	.1636	
	4.5375	4.5715	4.8409	4.8146	5.0397	5.6552	10.1781	
14	.5637	.5594	.4984	.3465	.2411	.1672		
	4.4444	4.4763	4.9319	6.4764	7.8607	9.9605		
15	.2965	.2962	.2684	.1830	F-SUB-Q			
	7.7699	7.6843	8.3632	12.1744	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.8850	1.0468	1.2465	1.2019	1.4564	1.2237	1.4422	.6728
	1.9212	2.2975	2.0717	2.1334	1.7570	2.0961	1.8008	3.5485
9	1.0468	1.3007	1.3133	1.4087	1.2944	1.3249	1.4342	.6913
	2.2974	1.9908	1.9692	1.8283	1.9826	1.9402	1.7965	3.3967
10	1.2465	1.3130	1.2685	1.2867	1.2817	1.2198	1.2928	.6384
	2.0717	1.9697	2.0638	2.0115	2.0040	2.0882	1.9645	3.6291
11	1.2019	1.4089	1.2869	1.2059	1.0705	1.1677	.8008	.4107
	2.1334	1.8279	2.0108	2.1013	2.2438	2.0265	2.9049	5.6209
12	1.4564	1.2952	1.2823	1.0709	.7616	.9108	.5653	
	1.7570	1.9814	2.0030	2.2432	2.3283	2.0154	3.4522	
13	1.2237	1.3276	1.2211	1.1683	.9111	.7741	.4046	
	2.0961	1.9363	2.0860	2.0258	2.0151	2.2383	4.2445	
14	1.4422	1.4362	1.2941	.8011	.5653	.4070		
	1.8008	1.7940	1.9626	2.9036	3.4528	4.2212		
15	.6728	.6919	.6387	.4109	F-SUB-Q			
	3.5485	3.3942	3.6274	5.6177	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 *  .9990 * 1.2493 * 1.5000 * 1.4105 * 1.5643 * 1.4709 * 1.6086 *  .7796 *
   * 1.8709 * 2.0193 * 1.7661 * 1.8675 * 1.6785 * 1.7861 * 1.6340 * 3.1008 *
   ************************************************************************
 9 * 1.2493 * 1.5059 * 1.5600 * 1.5171 * 1.5697 * 1.5998 * 1.5698 *  .8108 *
   * 2.0193 * 1.7651 * 1.6993 * 1.7387 * 1.6763 * 1.6412 * 1.6710 * 2.9415 *
   ************************************************************************
10 * 1.5000 * 1.5596 * 1.5687 * 1.5298 * 1.4612 * 1.4710 * 1.5176 *  .7649 *
   * 1.7661 * 1.6996 * 1.6932 * 1.7304 * 1.8028 * 1.7780 * 1.7157 * 3.1009 *
   ************************************************************************
11 * 1.4105 * 1.5176 * 1.5300 * 1.4152 * 1.2784 * 1.2558 *  .9584 *  .4901 *
   * 1.8675 * 1.7382 * 1.7301 * 1.8669 * 1.8967 * 1.9573 * 2.4953 * 4.8384 *
   ************************************************************************
12 * 1.5643 * 1.5718 * 1.4620 * 1.2789 *  .9233 * 1.0042 *  .6593 *
   * 1.6785 * 1.6740 * 1.8009 * 1.8964 * 1.9190 * 1.9065 * 3.0391 *
   ****************************************************************
13 * 1.4709 * 1.6031 * 1.4726 * 1.2566 * 1.0046 *  .9683 *  .4929 *
   * 1.7861 * 1.6379 * 1.7761 * 1.9565 * 1.9061 * 1.8453 * 3.5812 *
   ****************************************************************
14 * 1.6086 * 1.5722 * 1.5192 *  .9587 *  .6594 *  .5014 *
   * 1.6340 * 1.6684 * 1.7139 * 2.4943 * 3.0393 * 3.5208 *
   ******************************************************
15 *  .7796 *  .8115 *  .7654 *  .4903 * F-SUB-Q
   * 3.1008 * 2.9396 * 3.0992 * 4.8355 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1119 * 1.3532 * 1.6339 * 1.5215 * 1.7350 * 1.6047 * 1.7927 *  .8183 *
   * 1.7693 * 1.9494 * 1.6723 * 1.7867 * 1.5606 * 1.6858 * 1.5065 * 3.0346 *
   ************************************************************************
 9 * 1.3532 * 1.6625 * 1.7016 * 1.6686 * 1.7175 * 1.7668 * 1.7507 *  .8501 *
   * 1.9494 * 1.6480 * 1.6056 * 1.6318 * 1.5796 * 1.5288 * 1.5407 * 2.8838 *
   ************************************************************************
10 * 1.6339 * 1.7012 * 1.7204 * 1.6664 * 1.6133 * 1.6163 * 1.7001 *  .8109 *
   * 1.6723 * 1.6060 * 1.5892 * 1.6365 * 1.6783 * 1.6687 * 1.5777 * 3.0143 *
   ************************************************************************
11 * 1.5215 * 1.6692 * 1.6667 * 1.5639 * 1.3926 * 1.3931 * 1.0261 *  .5189 *
   * 1.7867 * 1.6313 * 1.6363 * 1.7423 * 1.7844 * 1.8260 * 2.4088 * 4.7191 *
   ************************************************************************
12 * 1.7350 * 1.7200 * 1.6151 * 1.3931 * 1.0096 * 1.1161 *  .6950 *
   * 1.5606 * 1.5773 * 1.6764 * 1.7842 * 1.7992 * 1.7727 * 2.9897 *
   ****************************************************************
13 * 1.6047 * 1.7704 * 1.6182 * 1.3940 * 1.1166 * 1.1075 *  .5317 *
   * 1.6858 * 1.5257 * 1.6667 * 1.8252 * 1.7723 * 1.6785 * 3.4480 *
   ****************************************************************
14 * 1.7927 * 1.7536 * 1.7020 * 1.0266 *  .6952 *  .5425 *
   * 1.5065 * 1.5382 * 1.5760 * 2.4077 * 2.9895 * 3.3808 *
   ******************************************************
15 *  .8183 *  .8508 *  .8114 *  .5192 * F-SUB-Q
   * 3.0346 * 2.8818 * 3.0128 * 4.7161 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1790 * 1.3890 * 1.6755 * 1.5652 * 1.8128 * 1.6538 * 1.8756 *  .8416 *
   * 1.7799 * 1.9887 * 1.6994 * 1.8103 * 1.5554 * 1.7027 * 1.4967 * 3.0682 *
   ************************************************************************
 9 * 1.3890 * 1.7246 * 1.7529 * 1.7366 * 1.7726 * 1.8341 * 1.8346 *  .8775 *
   * 1.9887 * 1.6555 * 1.6234 * 1.6339 * 1.5935 * 1.5312 * 1.5287 * 2.9063 *
   ************************************************************************
10 * 1.6755 * 1.7525 * 1.7703 * 1.7172 * 1.6814 * 1.6744 * 1.7839 *  .8384 *
   * 1.6994 * 1.6237 * 1.6079 * 1.6542 * 1.6779 * 1.6778 * 1.5647 * 3.0361 *
   ************************************************************************
11 * 1.5652 * 1.7372 * 1.7175 * 1.6258 * 1.4449 * 1.4598 * 1.0655 *  .5324 *
   * 1.8103 * 1.6333 * 1.6539 * 1.7472 * 1.7970 * 1.8159 * 2.4214 * 4.7982 *
   ************************************************************************
12 * 1.8128 * 1.7753 * 1.6834 * 1.4456 * 1.0623 * 1.1873 *  .7236 *
   * 1.5554 * 1.5911 * 1.6759 * 1.7967 * 1.8114 * 1.7608 * 3.0132 *
   ****************************************************************
13 * 1.6538 * 1.8379 * 1.6765 * 1.4608 * 1.1879 * 1.1866 *  .5574 *
   * 1.7027 * 1.5280 * 1.6757 * 1.8150 * 1.7603 * 1.6544 * 3.4627 *
   ****************************************************************
14 * 1.8756 * 1.8377 * 1.7859 * 1.0661 *  .7238 *  .5695 *
   * 1.4967 * 1.5261 * 1.5629 * 2.4200 * 3.0127 * 3.3910 *
   ********************************************************
15 *  .8416 *  .8782 *  .8390 *  .5328 * F-SUB-Q
   * 3.0682 * 2.9044 * 3.0344 * 4.7949 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2087 * 1.3988 * 1.6861 * 1.5812 * 1.8442 * 1.6720 * 1.9117 *  .8568 *
   * 1.8475 * 2.0761 * 1.7815 * 1.8909 * 1.6119 * 1.7757 * 1.5458 * 3.1741 *
   ************************************************************************
 9 * 1.3988 * 1.7450 * 1.7696 * 1.7635 * 1.7921 * 1.8627 * 1.8722 *  .8947 *
   * 2.0761 * 1.7261 * 1.6962 * 1.6972 * 1.6615 * 1.5873 * 1.5771 * 3.0022 *
   ************************************************************************
10 * 1.6861 * 1.7691 * 1.7861 * 1.7354 * 1.7098 * 1.6987 * 1.8225 *  .8550 *
   * 1.7815 * 1.6966 * 1.6808 * 1.7265 * 1.7401 * 1.7414 * 1.6136 * 3.1388 *
   ************************************************************************
11 * 1.5812 * 1.7641 * 1.7357 * 1.6504 * 1.4717 * 1.4930 * 1.0903 *  .5402 *
   * 1.8909 * 1.6966 * 1.7262 * 1.8166 * 1.8629 * 1.8642 * 2.4999 * 4.9943 *
   ************************************************************************
12 * 1.8442 * 1.7949 * 1.7119 * 1.4724 * 1.0951 * 1.2293 *  .7460 *
   * 1.6119 * 1.6589 * 1.7380 * 1.8625 * 1.8816 * 1.8163 * 3.1057 *
   ****************************************************************
13 * 1.6720 * 1.8666 * 1.7009 * 1.4941 * 1.2300 * 1.2357 *  .5772 *
   * 1.7757 * 1.5839 * 1.7392 * 1.8632 * 1.8157 * 1.6996 * 3.5723 *
   ****************************************************************
14 * 1.9117 * 1.8754 * 1.8246 * 1.0909 *  .7463 *  .5896 *
   * 1.5458 * 1.5744 * 1.6117 * 2.4982 * 3.1048 * 3.4989 *
   ********************************************************
15 *  .8568 *  .8955 *  .8556 *  .5406 * F-SUB-Q
   * 3.1741 * 3.0001 * 3.1368 * 4.9904 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2290	1.4078	1.7003	1.5967	1.8772	1.6890	1.9522	.8604
	1.9163	2.1659	1.8893	2.0025	1.6921	1.8777	1.6148	3.3723
9	1.4078	1.7703	1.7889	1.7940	1.8137	1.8929	1.9128	.8971
	2.1659	1.8196	1.7941	1.7837	1.7538	1.6659	1.6470	3.1951
10	1.7003	1.7884	1.8063	1.7567	1.7425	1.7250	1.8646	.8584
	1.8893	1.7946	1.7770	1.8240	1.8250	1.8298	1.6842	3.3389
11	1.5967	1.7947	1.7570	1.6802	1.5001	1.5306	1.1008	.5413
	2.0025	1.7830	1.8236	1.9092	1.9394	1.9193	2.6112	5.3329
12	1.8772	1.8166	1.7447	1.5008	1.1155	1.2699	.7547	
	1.6921	1.7510	1.8227	1.9387	1.9593	1.8782	3.2757	
13	1.6890	1.8970	1.7272	1.5317	1.2707	1.2857	.5890	
	1.8777	1.6624	1.8274	1.9181	1.8775	1.7584	3.7681	
14	1.9522	1.9162	1.8669	1.1016	.7550	.6018		
	1.6148	1.6441	1.6822	2.6094	3.2747	3.6899		
15	.8604	.8978	.8590	.5417	F-SUB-Q			
	3.3723	3.1929	3.3367	5.3284	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2357	1.4084	1.7024	1.6008	1.8904	1.6938	1.9708	.8634
	2.0374	2.3137	2.0492	2.1677	1.8218	2.0289	1.7308	3.6311
9	1.4084	1.7790	1.7949	1.8058	1.8208	1.9073	1.9325	.8987
	2.3137	1.9564	1.9417	1.9223	1.8938	1.7896	1.7646	3.4467
10	1.7024	1.7944	1.8135	1.7652	1.7580	1.7381	1.8872	.8613
	2.0492	1.9422	1.9219	1.9711	1.9623	1.9674	1.8035	3.6016
11	1.6008	1.8065	1.7655	1.6944	1.5174	1.5535	1.1107	.5434
	2.1677	1.9215	1.9708	2.0292	2.0420	2.0169	2.7684	5.7458
12	1.8904	1.8238	1.7603	1.5181	1.1302	1.2992	.7658	
	1.8218	1.8906	1.9598	2.0412	2.0697	1.9762	3.4655	
13	1.6938	1.9114	1.7404	1.5547	1.3000	1.3253	.6024	
	2.0289	1.7857	1.9648	2.0156	1.9754	1.8569	4.0098	
14	1.9708	1.9360	1.8895	1.1115	.7661	.6154		
	1.7308	1.7614	1.8012	2.7664	3.4642	3.9273		
15	.8634	.8995	.8620	.5439	F-SUB-Q			
	3.6311	3.4443	3.5990	5.7408	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2517 * 1.4154 * 1.7100 * 1.6070 * 1.9069 * 1.7002 * 1.9916 *  .8627 *
   * 2.2225 * 2.5262 * 2.2094 * 2.3186 * 1.9335 * 2.1597 * 1.8281 * 3.8609 *
   ************************************************************************
 9 * 1.4154 * 1.7953 * 1.8061 * 1.8215 * 1.8307 * 1.9236 * 1.9545 *  .8955 *
   * 2.5262 * 2.0971 * 2.0905 * 2.0467 * 2.0177 * 1.8975 * 1.8654 * 3.6760 *
   ************************************************************************
10 * 1.7100 * 1.8056 * 1.8262 * 1.7784 * 1.7786 * 1.7553 * 1.9134 *  .8613 *
   * 2.2094 * 2.0911 * 2.0680 * 2.1172 * 2.0853 * 2.0906 * 1.9077 * 3.8335 *
   ************************************************************************
11 * 1.6070 * 1.8222 * 1.7788 * 1.7157 * 1.5425 * 1.5844 * 1.1202 *  .5441 *
   * 2.3186 * 2.0458 * 2.1168 * 2.1652 * 2.1954 * 2.1609 * 2.9762 * 6.1476 *
   ************************************************************************
12 * 1.9069 * 1.8338 * 1.7809 * 1.5432 * 1.1515 * 1.3394 *  .7780 *
   * 1.9335 * 2.0143 * 2.0826 * 2.1945 * 2.2318 * 2.1154 * 3.7523 *
   ****************************************************************
13 * 1.7002 * 1.9277 * 1.7577 * 1.5857 * 1.3402 * 1.3794 *  .6191 *
   * 2.1597 * 1.8935 * 2.0878 * 2.1596 * 2.1146 * 1.9792 * 4.3209 *
   ****************************************************************
14 * 1.9916 * 1.9580 * 1.9158 * 1.1211 *  .7784 *  .6325 *
   * 1.8282 * 1.8621 * 1.9053 * 2.9738 * 3.7508 * 4.2310 *
   ********************************************************
15 *  .8627 *  .8962 *  .8621 *  .5446 * F-SUB-Q
   * 3.8609 * 3.6735 * 3.8307 * 6.1420 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2620 * 1.4132 * 1.6937 * 1.5911 * 1.8820 * 1.6830 * 1.9658 *  .8665 *
   * 2.4812 * 2.8012 * 2.4320 * 2.5318 * 2.1125 * 2.3515 * 1.9980 * 4.1366 *
   ************************************************************************
 9 * 1.4132 * 1.7788 * 1.7912 * 1.7984 * 1.8116 * 1.9066 * 1.9337 *  .9050 *
   * 2.8012 * 2.3330 * 2.2954 * 2.2420 * 2.1996 * 2.0648 * 2.0335 * 3.9124 *
   ************************************************************************
10 * 1.6937 * 1.7906 * 1.8119 * 1.7661 * 1.7638 * 1.7466 * 1.8998 *  .8713 *
   * 2.4320 * 2.2962 * 2.2701 * 2.3229 * 2.2734 * 2.2686 * 2.0728 * 4.0677 *
   ************************************************************************
11 * 1.5911 * 1.7991 * 1.7664 * 1.7060 * 1.5540 * 1.5893 * 1.1396 *  .5506 *
   * 2.5318 * 2.2411 * 2.3225 * 2.4010 * 2.4396 * 2.3850 * 3.2261 * 6.5203 *
   ************************************************************************
12 * 1.8820 * 1.8147 * 1.7661 * 1.5548 * 1.1859 * 1.3734 *  .8102 *
   * 2.1125 * 2.1958 * 2.2704 * 2.4382 * 2.4858 * 2.3551 * 4.0773 *
   ****************************************************************
13 * 1.6830 * 1.9107 * 1.7489 * 1.5905 * 1.3743 * 1.4300 *  .6504 *
   * 2.3515 * 2.0605 * 2.2656 * 2.3834 * 2.3541 * 2.2002 * 4.7103 *
   ****************************************************************
14 * 1.9658 * 1.9372 * 1.9022 * 1.1406 *  .8106 *  .6648 *
   * 1.9980 * 2.0299 * 2.0702 * 3.2235 * 4.0756 * 4.6097 *
   ********************************************************
15 *  .8665 *  .9057 *  .8720 *  .5511 * F-SUB-Q
   * 4.1366 * 3.9096 * 4.0646 * 6.5142 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3793 * 1.4478 * 1.7168 * 1.6036 * 1.9105 * 1.6940 * 2.0000 *  .8594 *
   * 2.7322 * 3.1104 * 2.5901 * 2.6970 * 2.2294 * 2.4982 * 2.0901 * 4.4173 *
   ************************************************************************
 9 * 1.4478 * 1.8182 * 1.8175 * 1.8279 * 1.8305 * 1.9324 * 1.9691 *  .8928 *
   * 3.1104 * 2.4754 * 2.4403 * 2.3659 * 2.3338 * 2.1759 * 2.1317 * 4.2042 *
   ************************************************************************
10 * 1.7168 * 1.8168 * 1.8397 * 1.7935 * 1.8011 * 1.7767 * 1.9431 *  .8631 *
   * 2.5901 * 2.4411 * 2.4120 * 2.4646 * 2.3992 * 2.4015 * 2.1784 * 4.3855 *
   ************************************************************************
11 * 1.6036 * 1.8287 * 1.7938 * 1.7499 * 1.6168 * 1.6566 * 1.1503 *  .5497 *
   * 2.6970 * 2.3649 * 2.4642 * 2.5592 * 2.6614 * 2.5967 * 3.5187 * 7.0470 *
   ************************************************************************
12 * 1.9105 * 1.8337 * 1.8035 * 1.6175 * 1.2816 * 1.4950 *  .8334 *
   * 2.2294 * 2.3297 * 2.3961 * 2.6603 * 2.7164 * 2.5587 * 4.5472 *
   ****************************************************************
13 * 1.6940 * 1.9365 * 1.7790 * 1.6579 * 1.4958 * 1.5678 *  .6829 *
   * 2.4982 * 2.1714 * 2.3983 * 2.5949 * 2.5577 * 2.3988 * 5.2661 *
   ****************************************************************
14 * 2.0000 * 1.9726 * 1.9456 * 1.1513 *  .8339 *  .6974 *
   * 2.0901 * 2.1280 * 2.1757 * 3.5153 * 4.5453 * 5.1580 *
   ********************************************************
15 *  .8594 *  .8936 *  .8639 *  .5503 * F-SUB-Q
   * 4.4173 * 4.2012 * 4.3820 * 7.0403 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5723 * 1.4762 * 1.7216 * 1.6001 * 1.9091 * 1.6882 * 2.0002 *  .8565 *
   * 2.8005 * 3.1878 * 2.7917 * 2.9180 * 2.4026 * 2.6969 * 2.2433 * 4.7395 *
   ************************************************************************
 9 * 1.4762 * 1.8316 * 1.8231 * 1.8297 * 1.8278 * 1.9333 * 1.9725 *  .8899 *
   * 3.1878 * 2.6372 * 2.6446 * 2.5525 * 2.5191 * 2.3388 * 2.2875 * 4.5121 *
   ************************************************************************
10 * 1.7216 * 1.8224 * 1.8460 * 1.8006 * 1.8115 * 1.7879 * 1.9560 *  .8629 *
   * 2.7917 * 2.6455 * 2.6132 * 2.6675 * 2.5821 * 2.5826 * 2.3354 * 4.7047 *
   ************************************************************************
11 * 1.6001 * 1.8298 * 1.8009 * 1.7692 * 1.6704 * 1.7137 * 1.1679 *  .5531 *
   * 2.9180 * 2.5514 * 2.6671 * 2.7231 * 2.8111 * 2.7353 * 3.7828 * 7.5585 *
   ************************************************************************
12 * 1.9091 * 1.8310 * 1.8139 * 1.6712 * 1.5149 * 1.6404 *  .8706 *
   * 2.4026 * 2.5147 * 2.5788 * 2.8098 * 2.8859 * 2.7209 * 4.8593 *
   ****************************************************************
13 * 1.6882 * 1.9375 * 1.7901 * 1.7150 * 1.6412 * 1.7086 *  .7252 *
   * 2.6969 * 2.3339 * 2.5792 * 2.7333 * 2.7196 * 2.5915 * 5.6992 *
   ****************************************************************
14 * 2.0002 * 1.9761 * 1.9585 * 1.1690 *  .8711 *  .7404 *
   * 2.2433 * 2.2836 * 2.3325 * 3.7791 * 4.8570 * 5.5842 *
   ********************************************************
15 *  .8565 *  .8907 *  .8637 *  .5537 * F-SUB-Q
   * 4.7395 * 4.5088 * 4.7009 * 7.5512 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6682 * 1.4826 * 1.7134 * 1.5792 * 1.8790 * 1.6655 * 1.9690 *  .8544 *
   * 2.8472 * 3.2318 * 2.7225 * 2.8221 * 2.3476 * 2.6351 * 2.2235 * 4.6818 *
   ************************************************************************
 9 * 1.4826 * 1.8160 * 1.8063 * 1.8092 * 1.8038 * 1.9108 * 1.9467 *  .8915 *
   * 3.2318 * 2.6042 * 2.5634 * 2.4855 * 2.4659 * 2.3174 * 2.2772 * 4.4445 *
   ************************************************************************
10 * 1.7134 * 1.8056 * 1.8296 * 1.7858 * 1.7944 * 1.7770 * 1.9391 *  .8669 *
   * 2.7225 * 2.5643 * 2.5434 * 2.6045 * 2.5579 * 2.5779 * 2.3519 * 4.6807 *
   ************************************************************************
11 * 1.5792 * 1.8092 * 1.7861 * 1.7604 * 1.6939 * 1.7365 * 1.1851 *  .5565 *
   * 2.8221 * 2.4844 * 2.6040 * 2.7159 * 2.8402 * 2.7657 * 3.7714 * 7.6657 *
   ************************************************************************
12 * 1.8790 * 1.8070 * 1.7968 * 1.6947 * 1.6262 * 1.7222 *  .9075 *
   * 2.3476 * 2.4616 * 2.5543 * 2.8389 * 2.9155 * 2.7510 * 4.8273 *
   ****************************************************************
13 * 1.6655 * 1.9149 * 1.7792 * 1.7379 * 1.7231 * 1.7963 *  .7641 *
   * 2.6351 * 2.3126 * 2.5742 * 2.7636 * 2.7497 * 2.6204 * 5.6793 *
   ****************************************************************
14 * 1.9690 * 1.9502 * 1.9416 * 1.1863 *  .9080 *  .7806 *
   * 2.2235 * 2.2731 * 2.3487 * 3.7672 * 4.8247 * 5.6611 *
   ********************************************************
15 *  .8544 *  .8922 *  .8677 *  .5571 * F-SUB-Q
   * 4.6818 * 4.4411 * 4.6763 * 7.6571 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7127 * 1.4957 * 1.7220 * 1.5769 * 1.8883 * 1.6607 * 1.9847 *  .8402 *
   * 2.7503 * 3.1316 * 2.6126 * 2.7158 * 2.2407 * 2.5340 * 2.1139 * 4.5613 *
   ************************************************************************
 9 * 1.4957 * 1.8334 * 1.8130 * 1.8246 * 1.8053 * 1.9188 * 1.9635 *  .8721 *
   * 3.1316 * 2.4841 * 2.4558 * 2.3721 * 2.3650 * 2.2135 * 2.1658 * 4.3547 *
   ************************************************************************
10 * 1.7220 * 1.8123 * 1.8382 * 1.7942 * 1.8126 * 1.7894 * 1.9629 *  .8512 *
   * 2.6126 * 2.4567 * 2.4357 * 2.4954 * 2.4386 * 2.4652 * 2.2356 * 4.5804 *
   ************************************************************************
11 * 1.5769 * 1.8246 * 1.7945 * 1.7830 * 1.7257 * 1.7802 * 1.1808 *  .5493 *
   * 2.7158 * 2.3710 * 2.4950 * 2.5888 * 2.7270 * 2.6388 * 3.6605 * 7.4950 *
   ************************************************************************
12 * 1.8883 * 1.8086 * 1.8150 * 1.7268 * 1.6819 * 1.7902 *  .9108 *
   * 2.2407 * 2.3607 * 2.4352 * 2.7256 * 2.8076 * 2.6229 * 4.6862 *
   ****************************************************************
13 * 1.6607 * 1.9230 * 1.7917 * 1.7816 * 1.7910 * 1.8836 *  .7779 *
   * 2.5340 * 2.2088 * 2.4616 * 2.6369 * 2.6218 * 2.4877 * 5.4669 *
   ****************************************************************
14 * 1.9847 * 1.9671 * 1.9654 * 1.1820 *  .9113 *  .7939 *
   * 2.1139 * 2.1619 * 2.2325 * 3.6569 * 4.6840 * 5.3587 *
   ********************************************************
15 *  .8402 *  .8729 *  .8520 *  .5498 * F-SUB-Q
   * 4.5613 * 4.3513 * 4.5759 * 7.4864 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7094 * 1.4851 * 1.7053 * 1.5578 * 1.8709 * 1.6398 * 1.9708 *  .8278 *
   * 2.5389 * 2.9024 * 2.4611 * 2.5616 * 2.1138 * 2.3994 * 1.9913 * 4.2929 *
   ************************************************************************
 9 * 1.4851 * 1.8199 * 1.7960 * 1.8115 * 1.7860 * 1.9035 * 1.9515 *  .8564 *
   * 2.9023 * 2.3283 * 2.3115 * 2.2296 * 2.2343 * 2.0912 * 2.0392 * 4.1110 *
   ************************************************************************
10 * 1.7053 * 1.7952 * 1.8225 * 1.7790 * 1.8021 * 1.7777 * 1.9560 *  .8386 *
   * 2.4611 * 2.3125 * 2.2916 * 2.3475 * 2.2891 * 2.3204 * 2.0980 * 4.3071 *
   ************************************************************************
11 * 1.5578 * 1.8115 * 1.7793 * 1.7749 * 1.7310 * 1.7860 * 1.1726 *  .5423 *
   * 2.5616 * 2.2287 * 2.3471 * 2.4217 * 2.5109 * 2.4239 * 3.3921 * 7.0078 *
   ************************************************************************
12 * 1.8709 * 1.7893 * 1.8045 * 1.7318 * 1.6932 * 1.8085 *  .9094 *
   * 2.1138 * 2.2304 * 2.2860 * 2.5094 * 2.5861 * 2.4090 * 4.3476 *
   ******************************************************************
13 * 1.6398 * 1.9077 * 1.7800 * 1.7874 * 1.8094 * 1.9157 *  .7831 *
   * 2.3994 * 2.0870 * 2.3173 * 2.4221 * 2.4079 * 2.2822 * 5.0647 *
   ******************************************************************
14 * 1.9708 * 1.9551 * 1.9586 * 1.1738 *  .9099 *  .7991 *
   * 1.9913 * 2.0356 * 2.0953 * 3.3886 * 4.3453 * 4.9653 *
   ********************************************************
15 *  .8278 *  .8571 *  .8394 *  .5429 * F-SUB-Q
   * 4.2929 * 4.1080 * 4.3033 * 7.0001 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6813 * 1.4585 * 1.6743 * 1.5278 * 1.8372 * 1.6088 * 1.9376 *  .8136 *
   * 2.3683 * 2.7104 * 2.2555 * 2.3496 * 1.9363 * 2.2010 * 1.8233 * 3.9389 *
   ************************************************************************
 9 * 1.4585 * 1.7885 * 1.7645 * 1.7813 * 1.7535 * 1.8727 * 1.9206 *  .8447 *
   * 2.7104 * 2.1305 * 2.1154 * 2.0432 * 2.0482 * 1.9130 * 1.8651 * 3.7593 *
   ************************************************************************
10 * 1.6743 * 1.7637 * 1.7915 * 1.7491 * 1.7741 * 1.7505 * 1.9283 *  .8268 *
   * 2.2555 * 2.1162 * 2.0969 * 2.1481 * 2.0940 * 2.1212 * 1.9157 * 3.9399 *
   ************************************************************************
11 * 1.5278 * 1.7813 * 1.7494 * 1.7482 * 1.7152 * 1.7674 * 1.1601 *  .5345 *
   * 2.3496 * 2.0423 * 2.1477 * 2.2133 * 2.3399 * 2.2559 * 3.1197 * 6.4146 *
   ************************************************************************
12 * 1.8372 * 1.7567 * 1.7765 * 1.7160 * 1.6789 * 1.7965 *  .9055 *
   * 1.9363 * 2.0446 * 2.0912 * 2.3385 * 2.4173 * 2.2486 * 4.0479 *
   ******************************************************************
13 * 1.6088 * 1.8768 * 1.7527 * 1.7687 * 1.7973 * 1.9105 *  .7813 *
   * 2.2010 * 1.9091 * 2.1183 * 2.2543 * 2.2475 * 2.1229 * 4.7176 *
   ******************************************************************
14 * 1.9376 * 1.9241 * 1.9309 * 1.1613 *  .9060 *  .7970 *
   * 1.8233 * 1.8618 * 1.9131 * 3.1162 * 4.0458 * 4.6260 *
   ********************************************************
15 *  .8136 *  .8454 *  .8277 *  .5351 * F-SUB-Q
   * 3.9389 * 3.7564 * 3.9361 * 6.4075 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.6309 * 1.4216 * 1.6270 * 1.4854 * 1.7827 * 1.5656 * 1.8809 *  .8006 *
   * 2.3934 * 2.7291 * 2.2693 * 2.3634 * 1.9539 * 2.2153 * 1.8405 * 3.9306 *
   ***********************************************************************
 9 * 1.4216 * 1.7353 * 1.7159 * 1.7296 * 1.7050 * 1.8233 * 1.8665 *  .8342 *
   * 2.7291 * 2.1453 * 2.1253 * 2.0618 * 2.0624 * 1.9241 * 1.8797 * 3.7372 *
   ***********************************************************************
10 * 1.6270 * 1.7152 * 1.7425 * 1.7020 * 1.7241 * 1.7050 * 1.8762 *  .8170 *
   * 2.2693 * 2.1262 * 2.1069 * 2.1579 * 2.1092 * 2.1291 * 1.9262 * 3.9116 *
   ***********************************************************************
11 * 1.4854 * 1.7297 * 1.7023 * 1.6991 * 1.6764 * 1.7229 * 1.1453 *  .5270 *
   * 2.3634 * 2.0609 * 2.1576 * 2.2260 * 2.3600 * 2.2779 * 3.0875 * 6.3751 *
   ***********************************************************************
12 * 1.7827 * 1.7082 * 1.7264 * 1.6772 * 1.6418 * 1.7554 *  .9001 *
   * 1.9539 * 2.0587 * 2.1063 * 2.3585 * 2.4366 * 2.2715 * 4.0193 *
   ****************************************************************
13 * 1.5656 * 1.8273 * 1.7072 * 1.7242 * 1.7563 * 1.8713 *  .7760 *
   * 2.2153 * 1.9202 * 2.1262 * 2.2762 * 2.2704 * 2.1523 * 4.7221 *
   ****************************************************************
14 * 1.8809 * 1.8699 * 1.8787 * 1.1465 *  .9006 *  .7922 *
   * 1.8405 * 1.8763 * 1.9236 * 3.0839 * 4.0171 * 4.6274 *
   *******************************************************
15 *  .8006 *  .8350 *  .8178 *  .5276 * F-SUB-Q
   * 3.9306 * 3.7344 * 3.9080 * 6.3680 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.6142 * 1.3922 * 1.6028 * 1.4603 * 1.7654 * 1.5379 * 1.8682 *  .7738 *
   * 2.1950 * 2.5065 * 2.0975 * 2.1969 * 1.8030 * 2.0616 * 1.6952 * 3.7280 *
   ***********************************************************************
 9 * 1.3922 * 1.7194 * 1.6928 * 1.7147 * 1.6803 * 1.8025 * 1.8529 *  .8010 *
   * 2.5065 * 1.9694 * 1.9617 * 1.9004 * 1.9119 * 1.7787 * 1.7308 * 3.5679 *
   ***********************************************************************
10 * 1.6028 * 1.6920 * 1.7198 * 1.6789 * 1.7097 * 1.6835 * 1.8640 *  .7865 *
   * 2.0975 * 1.9626 * 1.9438 * 1.9923 * 1.9402 * 1.9662 * 1.7682 * 3.7181 *
   ***********************************************************************
11 * 1.4603 * 1.7147 * 1.6792 * 1.6849 * 1.6586 * 1.7112 * 1.1103 *  .5080 *
   * 2.1969 * 1.8996 * 1.9919 * 2.0417 * 2.1664 * 2.0800 * 2.8930 * 6.0344 *
   ***********************************************************************
12 * 1.7654 * 1.6835 * 1.7120 * 1.6594 * 1.6235 * 1.7458 *  .8662 *
   * 1.8030 * 1.9084 * 1.9375 * 2.1649 * 2.2482 * 2.0894 * 3.8198 *
   ****************************************************************
13 * 1.5379 * 1.8065 * 1.6857 * 1.7125 * 1.7467 * 1.8671 *  .7522 *
   * 2.0616 * 1.7750 * 1.9635 * 2.0784 * 2.0884 * 1.9695 * 4.4557 *
   ****************************************************************
14 * 1.8682 * 1.8564 * 1.8665 * 1.1115 *  .8667 *  .7671 *
   * 1.6952 * 1.7276 * 1.7658 * 2.8896 * 3.8177 * 4.3704 *
   *******************************************************
15 *  .7738 *  .8017 *  .7873 *  .5085 * F-SUB-Q
   * 3.7280 * 3.5652 * 3.7146 * 6.0275 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5672	1.3511	1.5584	1.4169	1.7140	1.4927	1.8153	.7492
	2.0376	2.3573	1.9801	2.0871	1.7135	1.9611	1.6119	3.5664
9	1.3511	1.6721	1.6465	1.6676	1.6321	1.7530	1.8011	.7757
	2.3573	1.8546	1.8510	1.8037	1.8152	1.6875	1.6432	3.4117
10	1.5584	1.6457	1.6727	1.6325	1.6620	1.6369	1.8127	.7619
	1.9801	1.8518	1.8343	1.8809	1.8354	1.8593	1.6725	3.5451
11	1.4169	1.6677	1.6327	1.6384	1.6127	1.6630	1.0772	.4919
	2.0871	1.8029	1.8806	1.9220	2.0351	1.9546	2.7240	5.7291
12	1.7140	1.6352	1.6643	1.6134	1.5790	1.6979	.8401	
	1.7135	1.8119	1.8329	2.0338	2.0898	1.9459	3.5785	
13	1.4927	1.7569	1.6390	1.6643	1.6987	1.8171	.7297	
	1.9611	1.6840	1.8567	1.9531	1.9449	1.8415	4.1817	
14	1.8153	1.8044	1.8151	1.0784	.8405	.7441		
	1.6119	1.6402	1.6703	2.7209	3.5767	4.1020		
15	.7492	.7764	.7627	.4924	F-SUB-Q			
	3.5664	3.4091	3.5418	5.7227	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.4856	1.2971	1.4916	1.3528	1.6224	1.4273	1.7157	.7258
	1.9949	2.2538	1.9172	2.0355	1.6885	1.9143	1.5930	3.4474
9	1.2971	1.5886	1.5736	1.5835	1.5572	1.6702	1.7043	.7580
	2.2538	1.8029	1.7946	1.7742	1.7732	1.6518	1.6197	3.2682
10	1.4916	1.5729	1.5983	1.5599	1.5761	1.5622	1.7155	.7431
	1.9172	1.7954	1.7791	1.8243	1.7968	1.8094	1.6418	3.3936
11	1.3528	1.5835	1.5602	1.5552	1.5360	1.5733	1.0446	.4786
	2.0355	1.7734	1.8241	1.8685	1.9721	1.9059	2.5844	5.4668
12	1.6224	1.5602	1.5782	1.5367	1.5057	1.6064	.8204	
	1.6885	1.7700	1.7944	1.9712	2.0283	1.9036	3.4029	
13	1.4273	1.6738	1.5642	1.5745	1.6072	1.7147	.7078	
	1.9142	1.6484	1.8070	1.9044	1.9027	1.7984	3.9840	
14	1.7157	1.7075	1.7177	1.0456	.8208	.7226		
	1.5930	1.6168	1.6396	2.5817	3.4012	3.9041		
15	.7258	.7586	.7438	.4791	F-SUB-Q			
	3.4474	3.2658	3.3907	5.4609	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4292	1.2484	1.4427	1.3018	1.5534	1.3707	1.6451	.6867
	1.9009	2.1634	1.8500	1.9920	1.6626	1.8805	1.5683	3.4481
9	1.2484	1.5305	1.5188	1.5243	1.4990	1.6050	1.6323	.7126
	2.1634	1.7468	1.7415	1.7384	1.7351	1.6200	1.5941	3.2887
10	1.4427	1.5180	1.5429	1.5056	1.5142	1.5047	1.6422	.6982
	1.8500	1.7423	1.7263	1.7705	1.7548	1.7663	1.6107	3.4084
11	1.3018	1.5244	1.5058	1.4967	1.4759	1.5060	.9869	.4526
	1.9920	1.7376	1.7702	1.8105	1.8945	1.8406	2.5493	5.4273
12	1.5534	1.5018	1.5162	1.4766	1.4473	1.5363	.7717	
	1.6626	1.7319	1.7525	1.8937	1.9614	1.8509	3.3512	
13	1.3707	1.6084	1.5066	1.5071	1.5371	1.6329	.6645	
	1.8805	1.6166	1.7639	1.8392	1.8501	1.7735	3.9840	
14	1.6451	1.6353	1.6444	.9878	.7721	.6775		
	1.5683	1.5913	1.6086	2.5467	3.3496	3.9089		
15	.6867	.7133	.6988	.4530	F-SUB-Q			
	3.4481	3.2860	3.4053	5.4216	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.3245	1.1709	1.3345	1.2151	1.4206	1.2655	1.4997	.6450
	1.9245	2.1770	1.8891	2.0336	1.7332	1.9444	1.6434	3.5152
9	1.1709	1.4044	1.4056	1.3972	1.3819	1.4719	1.4867	.6658
	2.1770	1.8023	1.7863	1.7969	1.7945	1.6852	1.6699	3.3697
10	1.3345	1.4049	1.4190	1.3961	1.3850	1.3866	1.4904	.6481
	1.8891	1.7871	1.7821	1.8123	1.8235	1.8251	1.6887	3.5089
11	1.2151	1.3972	1.3963	1.3723	1.3593	1.3820	.9144	.4193
	2.0336	1.7961	1.8120	1.8675	1.9296	1.8936	2.6013	5.5788
12	1.4206	1.3844	1.3867	1.3599	1.3263	1.4042	.7224	
	1.7332	1.7913	1.8212	1.9287	2.0034	1.8961	3.3694	
13	1.2655	1.4750	1.3883	1.3830	1.4048	1.4657	.6103	
	1.9444	1.6817	1.8229	1.8923	1.8952	1.8428	4.0625	
14	1.4997	1.4894	1.4922	.9152	.7228	.6217		
	1.6434	1.6670	1.6866	2.5988	3.3677	3.9890		
15	.6450	.6665	.6487	.4197	F-SUB-Q			
	3.5152	3.3668	3.5059	5.5732	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2262	.9857	1.0879	1.0180	1.2947	1.0352	1.3206	.5514
	1.9766	2.4582	2.2225	2.3382	1.8322	2.2939	1.8032	3.9798
9	.9857	1.2215	1.1581	1.2741	1.1121	1.1958	1.3292	.5706
	2.4582	1.9886	2.0830	1.8928	2.1508	1.9998	1.7988	3.8045
10	1.0879	1.1575	1.1195	1.1591	1.2171	1.1281	1.2414	.5434
	2.2225	2.0840	2.1708	2.0973	2.0125	2.1576	1.9543	4.0447
11	1.0180	1.2744	1.1595	1.2067	1.1015	1.2744	.7679	.3501
	2.3382	1.8922	2.0965	2.0585	2.2652	1.9631	2.9742	6.4476
12	1.2947	1.1130	1.2179	1.1020	1.0421	1.2693	.6257	
	1.8322	2.1491	2.0110	2.2642	2.4485	2.0138	3.7351	
13	1.0352	1.1982	1.1294	1.2752	1.2699	1.1495	.4984	
	2.2939	1.9959	2.1551	1.9618	2.0129	2.2442	4.7639	
14	1.3206	1.3311	1.2428	.7686	.6260	.5076		
	1.8033	1.7963	1.9521	2.9714	3.7331	4.6784		
15	.5514	.5711	.5439	.3505	F-SUB-Q			
	3.9798	3.8015	4.0415	6.4413	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.5066	.4325	.4331	.4441	.5288	.4424	.4772	.2375
	4.5979	5.3920	5.3754	5.1887	4.3420	5.1996	4.8200	8.9616
9	.4325	.5000	.4589	.5245	.4463	.4587	.4783	.2404
	5.3920	4.6638	5.0674	4.4305	5.1866	5.0381	4.8247	8.7706
10	.4331	.4587	.4323	.4667	.5151	.4460	.4411	.2249
	5.3754	5.0689	5.4168	5.0179	4.5550	5.2704	5.3042	9.4700
11	.4441	.5247	.4669	.5078	.4350	.4835	.3244	.1518
	5.1887	4.4295	5.0160	4.6735	5.4976	4.9726	6.7983	14.4142
12	.5288	.4466	.5155	.4352	.4063	.4580	.2625	
	4.3420	5.1830	4.5522	5.4952	6.0201	5.3754	8.6069	
13	.4424	.4595	.4465	.4838	.4582	.4007	.2034	
	5.1996	5.0290	5.2649	4.9693	5.3727	6.1984	11.2772	
14	.4772	.4790	.4417	.3247	.2627	.2066		
	4.8200	4.8182	5.2981	6.7929	8.6011	11.1047		
15	.2375	.2406	.2251	.1520	F-SUB-Q			
	8.9616	8.7635	9.4615	14.3997	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.3697	.4327	.4779	.5044	.5934	.5048	.5039	.2754
	4.5921	5.3539	5.2382	4.9401	4.1946	4.9443	4.7591	8.1988
9	.4327	.5282	.5047	.5808	.5052	.5033	.5215	.2774
	5.3539	4.7786	4.9783	4.2957	4.9284	4.9546	4.7967	8.1431
10	.4779	.5046	.4653	.5071	.5566	.4759	.4716	.2544
	5.2382	4.9793	5.3371	4.9316	4.4595	5.1904	5.2310	8.8284
11	.5044	.5809	.5073	.5248	.4313	.4569	.3269	.1769
	4.9401	4.2946	4.9301	4.7693	5.5618	5.0687	6.8625	12.6372
12	.5934	.5054	.5569	.4314	.3157	.3451	.2326	
	4.1946	4.9257	4.4573	5.5607	5.7662	5.2562	8.1891	
13	.5048	.5044	.4764	.4571	.3452	.2826	.1601	
	4.9443	4.9442	5.1857	5.0672	5.2558	5.8570	10.4848	
14	.5039	.5223	.4720	.3271	.2326	.1635		
	4.7591	4.7904	5.2265	6.8598	8.1912	10.2887		
15	.2754	.2776	.2545	.1769	F-SUB-Q			
	8.1988	8.1406	8.8247	12.6314	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.8120	.9482	1.1353	1.1141	1.3426	1.1316	1.3411	.6405
	2.1165	2.5213	2.2860	2.3173	1.9187	2.2788	1.9412	3.7071
9	.9482	1.1883	1.2006	1.3138	1.2046	1.2330	1.3367	.6579
	2.5213	2.1660	2.1649	1.9704	2.1439	2.0942	1.9338	3.5629
10	1.1353	1.2003	1.1588	1.1981	1.2099	1.1467	1.2157	.6093
	2.2860	2.1654	2.2628	2.1591	2.1287	2.2344	2.1001	3.8085
11	1.1141	1.3141	1.1985	1.1317	1.0201	1.1101	.7582	.3988
	2.3173	1.9699	2.1585	2.2087	2.3672	2.1437	3.0661	5.8041
12	1.3426	1.2053	1.2104	1.0205	.7305	.8785	.5494	
	1.9187	2.1427	2.1276	2.3666	2.4453	2.1131	3.5688	
13	1.1316	1.2353	1.1478	1.1106	.8787	.7523	.3958	
	2.2788	2.0904	2.2324	2.1431	2.1129	2.3362	4.3709	
14	1.3411	1.3384	1.2167	.7584	.5494	.3982		
	1.9412	1.9314	2.0984	3.0652	3.5696	4.3533		
15	.6405	.6583	.6096	.3990	F-SUB-Q			
	3.7071	3.5607	3.8073	5.8016	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.9528	1.1501	1.3853	1.3498	1.5535	1.3934	1.5609	.7717
	1.9163	2.1556	1.9222	1.9638	1.7011	1.8967	1.6929	3.1250
9	1.1501	1.4156	1.4565	1.4830	1.4912	1.5218	1.5355	.8026
	2.1556	1.8859	1.8289	1.7906	1.7752	1.7344	1.7164	2.9741
10	1.3853	1.4562	1.4562	1.4495	1.4334	1.4087	1.4745	.7524
	1.9222	1.8293	1.8322	1.8349	1.8486	1.8662	1.7758	3.1591
11	1.3498	1.4834	1.4497	1.3646	1.2526	1.2654	.9336	.4850
	1.9638	1.7901	1.8347	1.9443	1.9554	1.9317	2.5568	4.9005
12	1.5535	1.4931	1.4341	1.2530	.9052	1.0235	.6643	
	1.7011	1.7730	1.8478	1.9550	1.9886	1.9055	3.0257	
13	1.3934	1.5245	1.4100	1.2660	1.0238	.9547	.4910	
	1.8967	1.7315	1.8645	1.9311	1.9052	1.8934	3.6146	
14	1.5609	1.5376	1.4758	.9338	.6644	.4993		
	1.6929	1.7141	1.7743	2.5560	3.0260	3.5613		
15	.7717	.8032	.7528	.4852	F-SUB-Q			
	3.1250	2.9724	3.1580	4.8983	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0717	1.2574	1.5257	1.4853	1.7650	1.5432	1.7753	.8314
	1.7614	2.0397	1.7983	1.8402	1.5424	1.7633	1.5289	2.9797
9	1.2574	1.5853	1.6091	1.6697	1.6580	1.7053	1.7539	.8639
	2.0397	1.7343	1.7051	1.6398	1.6452	1.5915	1.5441	2.8405
10	1.5257	1.6088	1.6142	1.6036	1.6108	1.5683	1.6813	.8139
	1.7983	1.7055	1.7008	1.7078	1.6968	1.7269	1.6029	3.0076
11	1.4853	1.6703	1.6038	1.5345	1.3899	1.4412	1.0179	.5220
	1.8402	1.6393	1.7075	1.7817	1.8060	1.7500	2.4183	4.6953
12	1.7650	1.6602	1.6116	1.3904	.9998	1.1642	.7158	
	1.5424	1.6431	1.6959	1.8056	1.8355	1.7178	2.9033	
13	1.5432	1.7083	1.5698	1.4420	1.1647	1.1013	.5357	
	1.7633	1.5888	1.7252	1.7494	1.7174	1.6978	3.4278	
14	1.7753	1.7563	1.6828	1.0183	.7158	.5468		
	1.5289	1.5420	1.6015	2.4175	2.9034	3.3660		
15	.8314	.8645	.8143	.5222	F-SUB-Q			
	2.9797	2.8388	3.0066	4.6930	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1293	1.2989	1.5765	1.5466	1.8663	1.6047	1.8765	.8680
	1.7472	2.0574	1.8106	1.8345	1.5136	1.7609	1.5014	2.9653
9	1.2989	1.6580	1.6703	1.7587	1.7265	1.7866	1.8630	.9035
	2.0574	1.7255	1.7088	1.6161	1.6390	1.5775	1.5088	2.8218
10	1.5765	1.6699	1.6740	1.6683	1.6983	1.6373	1.7795	.8511
	1.8106	1.7092	1.7052	1.7052	1.6709	1.7141	1.5708	2.9899
11	1.5466	1.7593	1.6685	1.6122	1.4568	1.5318	1.0683	.5416
	1.8345	1.6156	1.7046	1.7647	1.7943	1.7114	2.3861	4.6877
12	1.8663	1.7289	1.6992	1.4574	1.0538	1.2462	.7542	
	1.5136	1.6368	1.6700	1.7938	1.8221	1.6767	2.8814	
13	1.6047	1.7898	1.6389	1.5326	1.2467	1.1822	.5656	
	1.7609	1.5748	1.7125	1.7108	1.6762	1.6587	3.4044	
14	1.8765	1.8656	1.7812	1.0687	.7543	.5777		
	1.5014	1.5067	1.5694	2.3851	2.8812	3.3411		
15	.8680	.9041	.8515	.5419	F-SUB-Q			
	2.9653	2.8204	2.9888	4.6853	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1661	1.3150	1.5936	1.5730	1.9109	1.6296	1.9258	.8896
	1.7993	2.1338	1.8701	1.8834	1.5419	1.8065	1.5212	3.0152
9	1.3150	1.6862	1.6940	1.7980	1.7544	1.8234	1.9153	.9280
	2.1338	1.7733	1.7582	1.6502	1.6825	1.6082	1.5272	2.8627
10	1.5936	1.6936	1.6971	1.6960	1.7388	1.6688	1.8267	.8738
	1.8702	1.7586	1.7551	1.7474	1.7043	1.7559	1.5941	3.0317
11	1.5730	1.7985	1.6966	1.6472	1.4934	1.5802	1.0997	.5530
	1.8834	1.6496	1.7468	1.8031	1.8452	1.7453	2.4274	4.8010
12	1.9109	1.7568	1.7398	1.4940	1.0954	1.2993	.7822	
	1.5419	1.6801	1.7033	1.8446	1.8770	1.7112	2.9453	
13	1.6296	1.8265	1.6705	1.5812	1.2999	1.2348	.5881	
	1.8065	1.6054	1.7542	1.7446	1.7106	1.6952	3.4890	
14	1.9258	1.9180	1.8284	1.1002	.7824	.6006		
	1.5212	1.5251	1.5926	2.4262	2.9448	3.4243		
15	.8896	.9286	.8742	.5533	F-SUB-Q			
	3.0152	2.8611	3.0304	4.7983	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2024	1.3275	1.6087	1.5918	1.9519	1.6478	1.9744	.8966
	1.8609	2.2230	1.9645	1.9732	1.5990	1.8907	1.5659	3.1560
9	1.3275	1.7140	1.7150	1.8332	1.7779	1.8555	1.9650	.9335
	2.2230	1.8498	1.8410	1.7152	1.7581	1.6698	1.5718	3.0029
10	1.6087	1.7145	1.7184	1.7233	1.7763	1.6971	1.8718	.8793
	1.9645	1.8415	1.8369	1.8235	1.7689	1.8300	1.6458	3.1861
11	1.5918	1.8338	1.7239	1.6809	1.5271	1.6281	1.1129	.5554
	1.9732	1.7147	1.8228	1.8746	1.9146	1.7857	2.5484	5.0708
12	1.9519	1.7804	1.7773	1.5277	1.1277	1.3513	.7944	
	1.5990	1.7556	1.7679	1.9140	1.9475	1.7589	3.0909	
13	1.6478	1.8588	1.6988	1.6291	1.3520	1.2885	.6009	
	1.8907	1.6669	1.8282	1.7849	1.7583	1.7491	3.6675	
14	1.9744	1.9678	1.8736	1.1134	.7946	.6139		
	1.5659	1.5696	1.6443	2.5469	3.0903	3.5979		
15	.8966	.9341	.8797	.5558	F-SUB-Q			
	3.1560	3.0013	3.1846	5.0677	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2149	1.3283	1.6095	1.5964	1.9670	1.6513	1.9953	.9008
	1.9713	2.3677	2.1172	2.1205	1.7084	2.0298	1.6631	3.3703
9	1.3283	1.7221	1.7198	1.8462	1.7845	1.8679	1.9871	.9364
	2.3677	1.9851	1.9790	1.8348	1.8861	1.7820	1.6689	3.2122
10	1.6095	1.7193	1.7238	1.7334	1.7921	1.7081	1.8930	.8827
	2.1172	1.9796	1.9736	1.9543	1.8895	1.9585	1.7500	3.4107
11	1.5964	1.8469	1.7340	1.6950	1.5443	1.6545	1.1219	.5574
	2.1205	1.8342	1.9536	1.9980	2.0107	1.8712	2.7078	5.4437
12	1.9670	1.7863	1.7931	1.5449	1.1453	1.3826	.8052	
	1.7084	1.8834	1.8884	2.0101	2.0544	1.8446	3.2579	
13	1.6513	1.8712	1.7098	1.6555	1.3832	1.3238	.6122	
	2.0298	1.7789	1.9565	1.8703	1.8439	1.8429	3.8909	
14	1.9953	1.9899	1.8948	1.1226	.8054	.6253		
	1.6631	1.6666	1.7483	2.7065	3.2572	3.8173		
15	.9008	.9370	.8832	.5578	F-SUB-Q			
	3.3703	3.2104	3.4090	5.4403	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2239	1.3295	1.6118	1.5995	1.9825	1.6538	2.0152	.8998
	2.1472	2.5828	2.3102	2.3007	1.8412	2.1973	1.7847	3.6422
9	1.3295	1.7328	1.7258	1.8597	1.7908	1.8792	2.0080	.9327
	2.5828	2.1484	2.1547	1.9809	2.0408	1.9206	1.7909	3.4822
10	1.6118	1.7253	1.7307	1.7436	1.8083	1.7194	1.9140	.8816
	2.3102	2.1553	2.1474	2.1199	2.0405	2.1132	1.8794	3.6895
11	1.5995	1.8603	1.7442	1.7109	1.5609	1.6828	1.1269	.5565
	2.3007	1.9802	2.1192	2.1356	2.1630	2.0023	2.9051	5.8998
12	1.9825	1.7921	1.8093	1.5616	1.1574	1.4127	.8117	
	1.8412	2.0379	2.0394	2.1623	2.2136	1.9700	3.5267	
13	1.6538	1.8824	1.7211	1.6838	1.4134	1.3595	.6216	
	2.1973	1.9173	2.1110	2.0013	1.9693	1.9673	4.1956	
14	2.0152	2.0109	1.9158	1.1276	.8119	.6351		
	1.7847	1.7884	1.8776	2.9035	3.5259	4.1153		
15	.8998	.9334	.8821	.5568	F-SUB-Q			
	3.6422	3.4799	3.6877	5.8958	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2116	1.3202	1.5909	1.5822	1.9526	1.6342	1.9881	.9022
	2.3986	2.8634	2.5440	2.5116	2.0169	2.3978	1.9569	3.9223
9	1.3202	1.7102	1.7059	1.8345	1.7689	1.8584	1.9827	.9428
	2.8634	2.3881	2.3702	2.1691	2.2285	2.0971	1.9604	3.7171
10	1.5909	1.7053	1.7120	1.7275	1.7885	1.7044	1.8937	.8910
	2.5440	2.3709	2.3627	2.3206	2.2325	2.2992	2.0492	3.9248
11	1.5822	1.8351	1.7282	1.6942	1.5560	1.6760	1.1400	.5613
	2.5116	2.1683	2.3197	2.3556	2.3914	2.2076	3.1497	6.2711
12	1.9526	1.7702	1.7895	1.5566	1.1686	1.4194	.8325	
	2.0169	2.2253	2.2312	2.3903	2.4654	2.1947	3.8279	
13	1.6342	1.8617	1.7061	1.6771	1.4201	1.3733	.6401	
	2.3978	2.0936	2.2968	2.2065	2.1939	2.1907	4.5764	
14	1.9881	1.9854	1.8955	1.1408	.8328	.6545		
	1.9569	1.9577	2.0473	3.1479	3.8269	4.4856		
15	.9022	.9435	.8916	.5616	F-SUB-Q			
	3.9223	3.7149	3.9228	6.2668	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2448 * 1.3313 * 1.6041 * 1.5896 * 1.9802 * 1.6398 * 2.0195 *  .8945 *
   * 2.6399 * 3.1815 * 2.7245 * 2.6955 * 2.1416 * 2.5673 * 2.0570 * 4.2052 *
   ************************************************************************
 9 * 1.3313 * 1.7383 * 1.7231 * 1.8599 * 1.7827 * 1.8771 * 2.0158 *  .9281 *
   * 3.1815 * 2.5392 * 2.5320 * 2.3066 * 2.3828 * 2.2252 * 2.0627 * 4.0180 *
   ************************************************************************
10 * 1.6041 * 1.7225 * 1.7301 * 1.7483 * 1.8184 * 1.7259 * 1.9292 *  .8799 *
   * 2.7245 * 2.5329 * 2.5217 * 2.4798 * 2.3738 * 2.4525 * 2.1660 * 4.2584 *
   ************************************************************************
11 * 1.5896 * 1.8608 * 1.7489 * 1.7265 * 1.5915 * 1.7293 * 1.1423 *  .5580 *
   * 2.6955 * 2.3057 * 2.4789 * 2.5391 * 2.6268 * 2.4063 * 3.4363 * 6.8192 *
   ************************************************************************
12 * 1.9802 * 1.7840 * 1.8194 * 1.5921 * 1.1945 * 1.4809 *  .8420 *
   * 2.1416 * 2.3793 * 2.3725 * 2.6257 * 2.6998 * 2.3825 * 4.2737 *
   ****************************************************************
13 * 1.6398 * 1.8804 * 1.7276 * 1.7304 * 1.4816 * 1.4489 *  .6558 *
   * 2.5673 * 2.2215 * 2.4500 * 2.4052 * 2.3816 * 2.3896 * 5.1164 *
   ****************************************************************
14 * 2.0195 * 2.0186 * 1.9311 * 1.1430 *  .8423 *  .6698 *
   * 2.0570 * 2.0601 * 2.1640 * 3.4340 * 4.2726 * 5.0196 *
   ******************************************************
15 *  .8945 *  .9287 *  .8804 *  .5584 * F-SUB-Q
   * 4.2052 * 4.0160 * 4.2561 * 6.8145 * M-SUB-Q
   *************************************
```

AT 50% POWER, 125 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3055 * 1.3492 * 1.6058 * 1.5858 * 1.9789 * 1.6331 * 2.0200 *  .8919 *
   * 2.7072 * 3.2595 * 2.9496 * 2.9087 * 2.3186 * 2.7923 * 2.2230 * 4.5439 *
   ************************************************************************
 9 * 1.3492 * 1.7491 * 1.7266 * 1.8634 * 1.7797 * 1.8760 * 2.0185 *  .9255 *
   * 3.2595 * 2.6991 * 2.7440 * 2.4897 * 2.5906 * 2.4106 * 2.2272 * 4.3422 *
   ************************************************************************
10 * 1.6058 * 1.7260 * 1.7342 * 1.7551 * 1.8270 * 1.7336 * 1.9389 *  .8796 *
   * 2.9496 * 2.7449 * 2.7437 * 2.6983 * 2.5761 * 2.6577 * 2.3394 * 4.6004 *
   ************************************************************************
11 * 1.5858 * 1.8644 * 1.7557 * 1.7421 * 1.6276 * 1.7725 * 1.1572 *  .5610 *
   * 2.9087 * 2.4886 * 2.6973 * 2.6803 * 2.7571 * 2.5311 * 3.7124 * 7.3638 *
   ************************************************************************
12 * 1.9789 * 1.7810 * 1.8280 * 1.6283 * 1.2566 * 1.5627 *  .8719 *
   * 2.3186 * 2.5868 * 2.5747 * 2.7561 * 2.8802 * 2.5425 * 4.5577 *
   ****************************************************************
13 * 1.6331 * 1.8793 * 1.7352 * 1.7735 * 1.5634 * 1.5439 *  .6887 *
   * 2.7923 * 2.4066 * 2.6550 * 2.5298 * 2.5415 * 2.5779 * 5.5264 *
   ****************************************************************
14 * 2.0200 * 2.0214 * 1.9408 * 1.1579 *  .8722 *  .7032 *
   * 2.2230 * 2.2243 * 2.3373 * 3.7099 * 4.5563 * 5.4238 *
   ******************************************************
15 *  .8919 *  .9261 *  .8802 *  .5614 * F-SUB-Q
   * 4.5439 * 4.3399 * 4.5979 * 7.3588 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4448 * 1.3673 * 1.5942 * 1.5689 * 1.9492 * 1.6125 * 1.9919 *  .8903 *
   * 2.7524 * 3.3043 * 2.8650 * 2.8196 * 2.2535 * 2.7081 * 2.1958 * 4.4553 *
   ************************************************************************
 9 * 1.3673 * 1.7414 * 1.7147 * 1.8416 * 1.7591 * 1.8552 * 1.9930 *  .9296 *
   * 3.3043 * 2.6725 * 2.6605 * 2.4190 * 2.5176 * 2.3732 * 2.2086 * 4.2393 *
   ************************************************************************
10 * 1.5942 * 1.7140 * 1.7228 * 1.7461 * 1.8137 * 1.7258 * 1.9244 *  .8860 *
   * 2.8650 * 2.6614 * 2.6610 * 2.6230 * 2.5129 * 2.6348 * 2.3406 * 4.5374 *
   ************************************************************************
11 * 1.5689 * 1.8425 * 1.7467 * 1.7393 * 1.6614 * 1.8041 * 1.1785 *  .5658 *
   * 2.8196 * 2.4180 * 2.6220 * 2.6927 * 2.7862 * 2.5610 * 3.6826 * 7.4095 *
   ************************************************************************
12 * 1.9492 * 1.7603 * 1.8147 * 1.6621 * 1.3775 * 1.6799 *  .9154 *
   * 2.2535 * 2.5139 * 2.5114 * 2.7852 * 2.9098 * 2.5724 * 4.5317 *
   ****************************************************************
13 * 1.6125 * 1.8584 * 1.7274 * 1.8051 * 1.6806 * 1.6557 *  .7337 *
   * 2.7081 * 2.3692 * 2.6320 * 2.5596 * 2.5713 * 2.6081 * 5.5050 *
   ****************************************************************
14 * 1.9919 * 1.9958 * 1.9262 * 1.1793 *  .9157 *  .7496 *
   * 2.1958 * 2.2055 * 2.3382 * 3.6797 * 4.5303 * 5.3999 *
   ******************************************************
15 *  .8903 *  .9303 *  .8866 *  .5662 * F-SUB-Q
   * 4.4553 * 4.2366 * 4.5347 * 7.4037 * M-SUB-Q
   *************************************
```

AT 50% POWER, 125 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6899 * 1.4081 * 1.6052 * 1.5690 * 1.9651 * 1.6097 * 2.0115 *  .8781 *
   * 2.6569 * 3.1963 * 2.7633 * 2.7233 * 2.1558 * 2.6150 * 2.0934 * 4.3475 *
   ************************************************************************
 9 * 1.4081 * 1.7696 * 1.7282 * 1.8630 * 1.7644 * 1.8649 * 2.0154 *  .9106 *
   * 3.1963 * 2.5600 * 2.5619 * 2.3179 * 2.4251 * 2.2764 * 2.1051 * 4.1669 *
   ************************************************************************
10 * 1.6052 * 1.7275 * 1.7367 * 1.7626 * 1.8379 * 1.7434 * 1.9540 *  .8716 *
   * 2.7633 * 2.5628 * 2.5617 * 2.5246 * 2.4066 * 2.5309 * 2.2323 * 4.4561 *
   ************************************************************************
11 * 1.5690 * 1.8634 * 1.7632 * 1.7804 * 1.7160 * 1.8785 * 1.1826 *  .5611 *
   * 2.7233 * 2.3170 * 2.5236 * 2.5787 * 2.6812 * 2.4496 * 3.5884 * 7.2667 *
   ************************************************************************
12 * 1.9651 * 1.7657 * 1.8389 * 1.7167 * 1.6014 * 1.8289 *  .9364 *
   * 2.1558 * 2.4215 * 2.4052 * 2.6803 * 2.8109 * 2.4593 * 4.4119 *
   ****************************************************************
13 * 1.6097 * 1.8680 * 1.7451 * 1.8795 * 1.8296 * 1.7968 *  .7631 *
   * 2.6150 * 2.2727 * 2.5282 * 2.4484 * 2.4583 * 2.4885 * 5.3261 *
   ****************************************************************
14 * 2.0115 * 2.0181 * 1.9559 * 1.1834 *  .9367 *  .7789 *
   * 2.0934 * 2.1022 * 2.2300 * 3.5859 * 4.4106 * 5.2290 *
   ******************************************************
15 *  .8781 *  .9112 *  .8722 *  .5615 * F-SUB-Q
   * 4.3475 * 4.1647 * 4.4532 * 7.2608 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7448	1.4349	1.6035	1.5554	1.9540	1.5932	2.0031	.8677
	2.4522	2.9644	2.5894	2.5598	2.0265	2.4667	1.9657	4.0770
9	1.4349	1.7698	1.7211	1.8592	1.7515	1.8542	2.0097	.8970
	2.9644	2.3861	2.3992	2.1710	2.2828	2.1428	1.9752	3.9202
10	1.6035	1.7204	1.7303	1.7581	1.8359	1.7402	1.9554	.8622
	2.5894	2.4001	2.3988	2.3653	2.2494	2.3743	2.0885	4.1749
11	1.5554	1.8597	1.7587	1.7963	1.7377	1.9105	1.1843	.5572
	2.5598	2.1701	2.3645	2.3939	2.4730	2.2505	3.3270	6.7715
12	1.9540	1.7528	1.8369	1.7385	1.6605	1.9000	.9504	
	2.0265	2.2795	2.2482	2.4719	2.5886	2.2565	4.0902	
13	1.5932	1.8574	1.7418	1.9115	1.9008	1.8730	.7839	
	2.4668	2.1395	2.3720	2.2493	2.2556	2.2830	4.9322	
14	2.0031	2.0123	1.9573	1.1852	.9507	.8000		
	1.9657	1.9727	2.0866	3.3246	4.0890	4.8427		
15	.8677	.8978	.8628	.5576	F-SUB-Q			
	4.0770	3.9176	4.1725	6.7663	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7427	1.4276	1.5850	1.5313	1.9247	1.5674	1.9753	.8549
	2.2911	2.7712	2.3816	2.3546	1.8612	2.2694	1.8035	3.7502
9	1.4276	1.7500	1.6991	1.8359	1.7250	1.8290	1.9835	.8873
	2.7712	2.1919	2.2032	1.9958	2.0993	1.9667	1.8113	3.5926
10	1.5850	1.6983	1.7090	1.7372	1.8149	1.7211	1.9357	.8531
	2.3816	2.2041	2.2030	2.1716	2.0645	2.1773	1.9127	3.8287
11	1.5313	1.8363	1.7378	1.7858	1.7330	1.9079	1.1801	.5523
	2.3546	1.9950	2.1708	2.2044	2.3060	2.0955	3.0556	6.2129
12	1.9247	1.7263	1.8159	1.7337	1.6731	1.9163	.9577	
	1.8612	2.0962	2.0634	2.3050	2.4209	2.1061	3.8062	
13	1.5674	1.8321	1.7227	1.9089	1.9171	1.8961	.7934	
	2.2694	1.9636	2.1751	2.0944	2.1053	2.1267	4.5992	
14	1.9753	1.9862	1.9375	1.1809	.9581	.8095		
	1.8035	1.8088	1.9109	3.0531	3.8050	4.5169		
15	.8549	.8879	.8537	.5527	F-SUB-Q			
	3.7502	3.5906	3.8263	6.2080	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7019	1.3987	1.5471	1.4941	1.8710	1.5289	1.9220	.8429
	2.3239	2.8030	2.4057	2.3769	1.8848	2.2921	1.8255	3.7553
9	1.3987	1.7052	1.6580	1.7871	1.6814	1.7848	1.9307	.8790
	2.8030	2.2157	2.2221	2.0211	2.1216	1.9850	1.8321	3.5788
10	1.5471	1.6572	1.6684	1.6964	1.7693	1.6822	1.8890	.8459
	2.4057	2.2229	2.2227	2.1895	2.0867	2.1936	1.9302	3.8100
11	1.4941	1.7875	1.6970	1.7464	1.7016	1.8693	1.1711	.5469
	2.3769	2.0203	2.1887	2.2252	2.3322	2.1233	3.0329	6.1947
12	1.8710	1.6827	1.7703	1.7023	1.6513	1.8877	.9581	
	1.8848	2.1185	2.0855	2.3311	2.4465	2.1353	3.7924	
13	1.5289	1.7878	1.6838	1.8703	1.8885	1.8743	.7957	
	2.2921	1.9819	2.1914	2.1221	2.1344	2.1576	4.6038	
14	1.9220	1.9333	1.8908	1.1719	.9584	.8119		
	1.8255	1.8296	1.9284	3.0304	3.7911	4.5212		
15	.8429	.8796	.8465	.5472	F-SUB-Q			
	3.7553	3.5765	3.8078	6.1899	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6889	1.3745	1.5248	1.4669	1.8547	1.5010	1.9082	.8151
	2.1455	2.6085	2.2389	2.2233	1.7465	2.1459	1.6902	3.5757
9	1.3745	1.6897	1.6353	1.7716	1.6562	1.7633	1.9184	.8434
	2.6085	2.0471	2.0659	1.8743	1.9790	1.8464	1.6950	3.4357
10	1.5248	1.6345	1.6456	1.6731	1.7532	1.6605	1.8781	.8143
	2.2389	2.0668	2.0656	2.0367	1.9322	2.0384	1.7819	3.6420
11	1.4669	1.7720	1.6737	1.7333	1.6862	1.8622	1.1370	.5276
	2.2233	1.8737	2.0359	2.0554	2.1517	1.9458	2.8577	5.8970
12	1.8547	1.6575	1.7542	1.6867	1.6384	1.8870	.9264	
	1.7465	1.9760	1.9311	2.1507	2.2647	1.9669	3.6119	
13	1.5010	1.7663	1.6621	1.8632	1.8878	1.8777	.7741	
	2.1459	1.8435	2.0364	1.9448	1.9661	1.9836	4.3663	
14	1.9082	1.9210	1.8798	1.1378	.9268	.7897		
	1.6902	1.6926	1.7802	2.8553	3.6107	4.2889		
15	.8151	.8439	.8148	.5279	F-SUB-Q			
	3.5757	3.4340	3.6397	5.8923	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6365	1.3316	1.4793	1.4196	1.7962	1.4534	1.8494	.7874
	1.9993	2.4492	2.1305	2.1290	1.6717	2.0566	1.6186	3.4447
9	1.3316	1.6395	1.5865	1.7162	1.6041	1.7110	1.8596	.8148
	2.4492	1.9423	1.9656	1.7925	1.8935	1.7648	1.6215	3.3083
10	1.4793	1.5857	1.5965	1.6217	1.6992	1.6110	1.8234	.7873
	2.1305	1.9665	1.9656	1.9406	1.8426	1.9424	1.6983	3.4972
11	1.4196	1.7166	1.6222	1.6808	1.6376	1.8069	1.1018	.5100
	2.1290	1.7919	1.9399	1.9512	2.0367	1.8410	2.7090	5.6413
12	1.7962	1.6053	1.7001	1.6382	1.5931	1.8337	.8979	
	1.6717	1.8906	1.8416	2.0358	2.1225	1.8468	3.4067	
13	1.4534	1.7139	1.6125	1.8079	1.8345	1.8292	.7514	
	2.0566	1.7620	1.9405	1.8400	1.8460	1.8645	4.1213	
14	1.8494	1.8621	1.8251	1.1026	.8982	.7665		
	1.6186	1.6193	1.6967	2.7068	3.4057	4.0487		
15	.7874	.8153	.7879	.5104	F-SUB-Q			
	3.4447	3.3066	3.4951	5.6368	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5403	1.2699	1.4082	1.3484	1.6875	1.3825	1.7369	.7575
	1.9773	2.3964	2.0826	2.0976	1.6664	2.0272	1.6166	3.3678
9	1.2699	1.5492	1.5081	1.6145	1.5206	1.6222	1.7465	.7905
	2.3964	1.9059	1.9250	1.7815	1.8683	1.7441	1.6175	3.2060
10	1.4082	1.5074	1.5180	1.5384	1.6009	1.5296	1.7172	.7641
	2.0826	1.9259	1.9253	1.9046	1.8233	1.9089	1.6848	3.3798
11	1.3484	1.6149	1.5389	1.5835	1.5525	1.6963	1.0631	.4935
	2.0976	1.7809	1.9039	1.9172	1.9944	1.8186	2.5947	5.4404
12	1.6875	1.5217	1.6018	1.5531	1.5099	1.7211	.8711	
	1.6664	1.8655	1.8223	1.9934	2.0788	1.8275	3.2766	
13	1.3825	1.6249	1.5310	1.6972	1.7218	1.7214	.7267	
	2.0272	1.7413	1.9070	1.8176	1.8268	1.8358	3.9602	
14	1.7369	1.7490	1.7188	1.0638	.8714	.7417		
	1.6166	1.6153	1.6831	2.5927	3.2755	3.8880		
15	.7576	.7911	.7646	.4939	F-SUB-Q			
	3.3678	3.2038	3.3780	5.4362	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4617	1.2075	1.3471	1.2779	1.5949	1.3118	1.6408	.7066
	1.9255	2.3193	2.0454	2.0919	1.6682	2.0234	1.6213	3.4295
9	1.2075	1.4755	1.4391	1.5295	1.4444	1.5413	1.6497	.7331
	2.3193	1.8734	1.8964	1.7772	1.8583	1.7370	1.6211	3.2828
10	1.3471	1.4384	1.4491	1.4639	1.5166	1.4558	1.6263	.7082
	2.0454	1.8973	1.8965	1.8821	1.8116	1.8878	1.6783	3.4549
11	1.2779	1.5299	1.4644	1.4994	1.4732	1.6022	.9916	.4609
	2.0919	1.7765	1.8814	1.8893	1.9491	1.7867	2.6061	5.4905
12	1.5949	1.4455	1.5174	1.4737	1.4313	1.6221	.8089	
	1.6682	1.8555	1.8106	1.9482	2.0546	1.8179	3.2854	
13	1.3118	1.5439	1.4571	1.6030	1.6228	1.6250	.6749	
	2.0234	1.7342	1.8861	1.7857	1.8172	1.8358	4.0233	
14	1.6408	1.6521	1.6279	.9922	.8091	.6883		
	1.6213	1.6188	1.6767	2.6041	3.2844	3.9533		
15	.7066	.7337	.7087	.4612	F-SUB-Q			
	3.4295	3.2808	3.4528	5.4865	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3144	1.1077	1.2289	1.1630	1.4200	1.1884	1.4573	.6448
	2.0109	2.3850	2.1268	2.1986	1.7927	2.1397	1.7494	3.6099
9	1.1077	1.3294	1.3108	1.3748	1.3094	1.3885	1.4648	.6660
	2.3850	1.9730	1.9823	1.8942	1.9612	1.8459	1.7484	3.4702
10	1.2289	1.3102	1.3138	1.3339	1.3634	1.3182	1.4467	.6419
	2.1268	1.9832	1.9921	1.9652	1.9191	1.9862	1.8009	3.6541
11	1.1630	1.3751	1.3343	1.3474	1.3300	1.4261	.8972	.4185
	2.1986	1.8935	1.9646	1.9955	2.0390	1.9006	2.7314	5.7747
12	1.4200	1.3104	1.3641	1.3306	1.2879	1.4385	.7354	
	1.7927	1.9598	1.9181	2.0379	2.1435	1.9234	3.4127	
13	1.1884	1.3909	1.3194	1.4268	1.4390	1.4341	.6082	
	2.1397	1.8429	1.9845	1.8996	1.9226	1.9481	4.1959	
14	1.4573	1.4669	1.4480	.8978	.7356	.6199		
	1.7494	1.7460	1.7993	2.7295	3.4117	4.1252		
15	.6448	.6666	.6423	.4188	F-SUB-Q			
	3.6099	3.4678	3.6520	5.7705	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 125 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1235	.9052	.9877	.9432	1.1929	.9488	1.2283	.5298
	2.2515	2.7896	2.5414	2.6168	2.0667	2.5921	2.0084	4.2609
9	.9052	1.1351	1.0576	1.1972	1.0360	1.1008	1.2366	.5469
	2.7896	2.2258	2.3662	2.0905	2.4036	2.2507	2.0033	4.0971
10	.9877	1.0571	1.0230	1.0852	1.1667	1.0539	1.1622	.5204
	2.5414	2.3672	2.4633	2.3250	2.1811	2.3980	2.1648	4.3647
11	.9432	1.1974	1.0855	1.1586	1.0477	1.2103	.7282	.3419
	2.6168	2.0899	2.3243	2.2256	2.4713	2.1472	3.2379	6.8337
12	1.1929	1.0367	1.1673	1.0481	.9926	1.2176	.6095	
	2.0667	2.4020	2.1799	2.4705	2.6647	2.1767	3.9606	
13	.9488	1.1026	1.0547	1.2108	1.2180	1.1013	.4856	
	2.5921	2.2471	2.3959	2.1463	2.1759	2.4290	5.0430	
14	1.2283	1.2381	1.1631	.7286	.6097	.4945		
	2.0084	2.0010	2.1630	3.2357	3.9592	4.9617		
15	.5298	.5473	.5207	.3421	F-SUB-Q			
	4.2609	4.0944	4.3625	6.8290	M-SUB-Q			

AT 50% POWER, 125 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4645	.3953	.3948	.4086	.4873	.4057	.4457	.2250
	5.2333	6.1480	6.1305	5.8556	4.8938	5.8811	5.3548	9.7385
9	.3953	.4596	.4196	.4888	.4146	.4231	.4471	.2276
	6.1480	5.2789	5.7555	4.9468	5.8269	5.6646	5.3567	9.5735
10	.3948	.4195	.3976	.4344	.4863	.4168	.4163	.2137
	6.1305	5.7571	6.1156	5.5981	5.0131	5.8562	5.8371	10.3115
11	.4086	.4889	.4346	.4817	.4112	.4609	.3061	.1472
	5.8556	4.9455	5.5965	5.1404	6.0423	5.4237	7.4428	15.4003
12	.4873	.4149	.4866	.4114	.3862	.4401	.2527	
	4.8938	5.8233	5.0107	6.0403	6.5800	5.8062	9.2500	
13	.4057	.4237	.4171	.4611	.4403	.3872	.1973	
	5.8811	5.6559	5.8516	5.4211	5.8038	6.6581	11.9984	
14	.4457	.4476	.4166	.3063	.2528	.2004		
	5.3548	5.3508	5.8322	7.4388	9.2453	11.8373		
15	.2250	.2277	.2138	.1472	F-SUB-Q			
	9.7385	9.5676	10.3052	15.3892	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.3571	.4109	.4553	.4876	.5710	.4719	.4117	.2130
	4.6014	5.3353	5.1988	4.9143	4.2424	4.9379	4.7739	8.0641
9	.4109	.4791	.4709	.5586	.4891	.4750	.4723	.2462
	5.3353	4.8166	4.9378	4.3213	4.8815	4.9268	4.8061	8.0472
10	.4553	.4708	.3908	.4811	.5433	.4684	.4585	.2413
	5.1988	4.9385	5.2907	4.8429	4.4402	5.1046	5.1885	8.6948
11	.4876	.5587	.4813	.4927	.4228	.4622	.3270	.1795
	4.9143	4.3203	4.8418	4.7244	5.4343	5.0314	6.7576	12.1809
12	.5710	.4894	.5436	.4229	.3171	.3571	.2412	
	4.2424	4.8791	4.4384	5.4334	5.6125	5.1801	8.0328	
13	.4719	.4759	.4688	.4623	.3571	.2985	.1697	
	4.9379	4.9171	5.1007	5.0304	5.1799	5.7490	10.1853	
14	.4117	.4728	.4588	.3271	.2412	.1731		
	4.7739	4.8006	5.1849	6.7560	8.0350	10.0267		
15	.2130	.2463	.2414	.1796	F-SUB-Q			
	8.0641	8.0453	8.6926	12.1772	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.7796	.8980	1.0739	1.0719	1.2816	1.0557	1.0732	.5200
	2.1743	2.5512	2.3125	2.3360	1.9757	2.3194	1.9907	3.6895
9	.8980	1.1007	1.1212	1.2615	1.1586	1.1412	1.2060	.5923
	2.5512	2.2001	2.1820	1.9963	2.1561	2.1224	1.9826	3.5644
10	1.0739	1.1210	.9495	1.1414	1.1909	1.1149	1.1640	.5804
	2.3125	2.1824	2.2899	2.1456	2.1238	2.2385	2.1374	3.8068
11	1.0719	1.2617	1.1417	1.0974	1.0107	1.1068	.7496	.4014
	2.3360	1.9959	2.1452	2.2025	2.3415	2.1639	3.0693	5.6787
12	1.2816	1.1592	1.1914	1.0110	.7311	.8936	.5634	
	1.9757	2.1551	2.1229	2.3411	2.4306	2.1296	3.5413	
13	1.0557	1.1435	1.1158	1.1071	.8938	.7736	.4122	
	2.3194	2.1188	2.2367	2.1636	2.1294	2.3469	4.3184	
14	1.0732	1.2071	1.1648	.7497	.5633	.4149		
	1.9907	1.9805	2.1361	3.0688	3.5420	4.3090		
15	.5200	.5928	.5805	.4015	F-SUB-Q			
	3.6895	3.5626	3.8063	5.6771	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 *  .9488 * 1.1059 * 1.3279 * 1.3217 * 1.5539 * 1.3305 * 1.4496 *  .7102 *
   * 1.8883 * 2.1622 * 1.9458 * 1.9653 * 1.6861 * 1.9257 * 1.6925 * 3.0740 *
   ************************************************************************
 9 * 1.1059 * 1.3443 * 1.3950 * 1.4828 * 1.4597 * 1.4386 * 1.4833 *  .7531 *
   * 2.1622 * 1.9018 * 1.8382 * 1.7695 * 1.7752 * 1.7545 * 1.6973 * 2.9354 *
   ************************************************************************
10 * 1.3279 * 1.3947 * 1.3408 * 1.4178 * 1.4316 * 1.3841 * 1.4433 *  .7395 *
   * 1.9458 * 1.8385 * 1.8554 * 1.8081 * 1.8313 * 1.8673 * 1.7911 * 3.1289 *
   ************************************************************************
11 * 1.3217 * 1.4833 * 1.4182 * 1.3220 * 1.2655 * 1.3182 *  .9361 *  .4926 *
   * 1.9653 * 1.7689 * 1.8077 * 1.9360 * 1.9270 * 1.8673 * 2.5374 * 4.7873 *
   ************************************************************************
12 * 1.5539 * 1.4604 * 1.4322 * 1.2658 *  .9186 * 1.0685 *  .6923 *
   * 1.6861 * 1.7743 * 1.8306 * 1.9266 * 1.9741 * 1.8421 * 2.9574 *
   ******************************************************************
13 * 1.3305 * 1.4408 * 1.3852 * 1.3187 * 1.0688 *  .9815 *  .5121 *
   * 1.9257 * 1.7518 * 1.8658 * 1.8670 * 1.8419 * 1.9003 * 3.5626 *
   ******************************************************************
14 * 1.4496 * 1.4851 * 1.4443 *  .9362 *  .6922 *  .5212 *
   * 1.6925 * 1.6953 * 1.7898 * 2.5370 * 2.9577 * 3.5153 *
   ********************************************************
15 *  .7102 *  .7535 *  .7397 *  .4928 * F-SUB-Q
   * 3.0740 * 2.9342 * 3.1283 * 4.7860 * M-SUB-Q
   *************************************
```

AT 50% POWER, 200 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.0793 * 1.2248 * 1.4794 * 1.4747 * 1.7875 * 1.4950 * 1.7562 *  .8231 *
   * 1.7240 * 2.0382 * 1.8232 * 1.8339 * 1.5257 * 1.7944 * 1.5177 * 2.9141 *
   ************************************************************************
 9 * 1.2248 * 1.5656 * 1.5704 * 1.7038 * 1.6383 * 1.6508 * 1.7572 *  .8582 *
   * 2.0382 * 1.7383 * 1.7122 * 1.6057 * 1.6466 * 1.6135 * 1.5229 * 2.7906 *
   ************************************************************************
10 * 1.4794 * 1.5701 * 1.5597 * 1.5996 * 1.6432 * 1.5535 * 1.6656 *  .8166 *
   * 1.8232 * 1.7124 * 1.7244 * 1.6786 * 1.6647 * 1.7291 * 1.6163 * 2.9728 *
   ************************************************************************
11 * 1.4747 * 1.7044 * 1.6001 * 1.5393 * 1.4204 * 1.5141 * 1.0291 *  .5351 *
   * 1.8339 * 1.6051 * 1.6782 * 1.7650 * 1.7814 * 1.6788 * 2.3930 * 4.5802 *
   ************************************************************************
12 * 1.7875 * 1.6392 * 1.6438 * 1.4209 * 1.0223 * 1.2219 *  .7512 *
   * 1.5257 * 1.6458 * 1.6641 * 1.7810 * 1.8212 * 1.6523 * 2.8180 *
   ******************************************************************
13 * 1.4950 * 1.6533 * 1.5547 * 1.5147 * 1.2222 * 1.1286 *  .5577 *
   * 1.7944 * 1.6110 * 1.7277 * 1.6784 * 1.6520 * 1.7073 * 3.3777 *
   ******************************************************************
14 * 1.7562 * 1.7593 * 1.6668 * 1.0293 *  .7512 *  .5694 *
   * 1.5177 * 1.5212 * 1.6151 * 2.3925 * 2.8182 * 3.3232 *
   ********************************************************
15 *  .8231 *  .8587 *  .8168 *  .5352 * F-SUB-Q
   * 2.9141 * 2.7892 * 2.9724 * 4.5788 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1389	1.2745	1.5403	1.5452	1.8981	1.5663	1.8949	.8789
	1.7103	2.0524	1.8377	1.8300	1.5023	1.7977	1.4881	2.9045
9	1.2745	1.6607	1.6456	1.8159	1.7176	1.7456	1.8902	.9157
	2.0524	1.7289	1.7176	1.5771	1.6415	1.6063	1.4929	2.7770
10	1.5403	1.6453	1.6406	1.6847	1.7484	1.6277	1.7717	.8622
	1.8377	1.7179	1.7315	1.6710	1.6369	1.7211	1.5898	2.9623
11	1.5452	1.8164	1.6852	1.6389	1.4946	1.6101	1.0816	.5576
	1.8300	1.5766	1.6706	1.7459	1.7729	1.6448	2.3634	4.5795
12	1.8981	1.7185	1.7490	1.4951	1.0759	1.3000	.7893	
	1.5023	1.6406	1.6363	1.7726	1.8133	1.6158	2.7997	
13	1.5663	1.7481	1.6290	1.6107	1.3004	1.1981	.5845	
	1.7977	1.6039	1.7198	1.6444	1.6154	1.6764	3.3639	
14	1.8949	1.8923	1.7729	1.0818	.7893	.5971		
	1.4881	1.4913	1.5887	2.3629	2.7996	3.3075		
15	.8789	.9161	.8624	.5577	F-SUB-Q			
	2.9045	2.7760	2.9618	4.5780	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1649	1.3005	1.5614	1.5739	1.9441	1.5928	1.9551	.9068
	1.7623	2.1287	1.9031	1.8734	1.5287	1.8529	1.5154	2.9662
9	1.3005	1.6977	1.6756	1.8666	1.7490	1.7839	1.9485	.9471
	2.1287	1.7786	1.7700	1.6056	1.6793	1.6471	1.5192	2.8261
10	1.5614	1.6752	1.6708	1.7225	1.7959	1.6584	1.8176	.8879
	1.9031	1.7703	1.7858	1.7121	1.6630	1.7515	1.6168	3.0145
11	1.5739	1.8670	1.7230	1.6815	1.5298	1.6552	1.1107	.5691
	1.8734	1.6051	1.7117	1.7861	1.8228	1.6817	2.3704	4.6296
12	1.9441	1.7499	1.7966	1.5302	1.1057	1.3407	.8125	
	1.5287	1.6784	1.6624	1.8223	1.8725	1.6546	2.8671	
13	1.5928	1.7864	1.6597	1.6559	1.3411	1.2331	.6020	
	1.8529	1.6446	1.7502	1.6813	1.6542	1.7234	3.4586	
14	1.9551	1.9506	1.8189	1.1110	.8126	.6146		
	1.5154	1.5176	1.6157	2.3698	2.8668	3.4028		
15	.9068	.9476	.8881	.5693	F-SUB-Q			
	2.9662	2.8249	3.0139	4.6279	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1923 * 1.3086 * 1.5749 * 1.5893 * 1.9789 * 1.6058 * 2.0006 *  .9134 *
   * 1.8293 * 2.2235 * 1.9585 * 1.9264 * 1.5580 * 1.8974 * 1.5400 * 3.0704 *
   ************************************************************************
 9 * 1.3086 * 1.7269 * 1.6953 * 1.9077 * 1.7694 * 1.8094 * 1.9942 *  .9507 *
   * 2.2235 * 1.8239 * 1.8162 * 1.6284 * 1.7226 * 1.6798 * 1.5394 * 2.9306 *
   ************************************************************************
10 * 1.5749 * 1.6948 * 1.6903 * 1.7479 * 1.8327 * 1.6802 * 1.8549 *  .8907 *
   * 1.9585 * 1.8166 * 1.8353 * 1.7468 * 1.6907 * 1.7968 * 1.6377 * 3.1010 *
   ************************************************************************
11 * 1.5893 * 1.9080 * 1.7484 * 1.7149 * 1.5581 * 1.6969 * 1.1184 *  .5696 *
   * 1.9264 * 1.6279 * 1.7463 * 1.8157 * 1.8834 * 1.7323 * 2.4596 * 4.8146 *
   ************************************************************************
12 * 1.9789 * 1.7704 * 1.8334 * 1.5586 * 1.1273 * 1.3834 *  .8198 *
   * 1.5580 * 1.7217 * 1.6900 * 1.8829 * 1.9530 * 1.7083 * 3.0212 *
   ****************************************************************
13 * 1.6058 * 1.8120 * 1.6814 * 1.6976 * 1.3839 * 1.2710 *  .6083 *
   * 1.8974 * 1.6773 * 1.7954 * 1.7317 * 1.7078 * 1.7859 * 3.6483 *
   ****************************************************************
14 * 2.0006 * 1.9963 * 1.8562 * 1.1187 *  .8199 *  .6216 *
   * 1.5400 * 1.5378 * 1.6366 * 2.4588 * 3.0209 * 3.5855 *
   ******************************************************
15 *  .9134 *  .9512 *  .8910 *  .5698 * F-SUB-Q
   * 3.0704 * 2.9294 * 3.1003 * 4.8127 * M-SUB-Q
   *************************************
```

AT 50% POWER, 200 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2154 * 1.3082 * 1.5714 * 1.5879 * 1.9847 * 1.6015 * 2.0128 *  .9143 *
   * 1.9407 * 2.3708 * 2.0764 * 2.0398 * 1.6419 * 2.0054 * 1.6015 * 3.2007 *
   ************************************************************************
 9 * 1.3082 * 1.7324 * 1.6958 * 1.9188 * 1.7689 * 1.8119 * 2.0070 *  .9500 *
   * 2.3708 * 1.9198 * 1.9189 * 1.7106 * 1.8217 * 1.7628 * 1.6037 * 3.0642 *
   ************************************************************************
10 * 1.5714 * 1.6954 * 1.6905 * 1.7523 * 1.8436 * 1.6824 * 1.8650 *  .8901 *
   * 2.0764 * 1.9193 * 1.9357 * 1.8432 * 1.7786 * 1.8994 * 1.7175 * 3.2629 *
   ************************************************************************
11 * 1.5879 * 1.9192 * 1.7528 * 1.7245 * 1.5695 * 1.7150 * 1.1210 *  .5687 *
   * 2.0398 * 1.7102 * 1.8427 * 1.9097 * 1.9931 * 1.8238 * 2.6091 * 5.1060 *
   ************************************************************************
12 * 1.9847 * 1.7699 * 1.8444 * 1.5700 * 1.1477 * 1.4131 *  .8253 *
   * 1.6419 * 1.8207 * 1.7779 * 1.9926 * 2.0690 * 1.7994 * 3.1962 *
   ****************************************************************
13 * 1.6015 * 1.8144 * 1.6837 * 1.7157 * 1.4136 * 1.2965 *  .6144 *
   * 2.0054 * 1.7602 * 1.8979 * 1.8233 * 1.7990 * 1.8915 * 3.8861 *
   ****************************************************************
14 * 2.0128 * 2.0091 * 1.8663 * 1.1213 *  .8255 *  .6279 *
   * 1.6015 * 1.6020 * 1.7163 * 2.6082 * 3.1957 * 3.8190 *
   ******************************************************
15 *  .9143 *  .9505 *  .8904 *  .5689 * F-SUB-Q
   * 3.2007 * 3.0630 * 3.2621 * 5.1039 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2317 * 1.3033 * 1.5668 * 1.5827 * 1.9886 * 1.5942 * 2.0211 *  .9086 *
   * 2.1153 * 2.5877 * 2.2486 * 2.2083 * 1.7671 * 2.1679 * 1.7083 * 3.4430 *
   ************************************************************************
 9 * 1.3033 * 1.7371 * 1.6942 * 1.9275 * 1.7655 * 1.8110 * 2.0159 *  .9416 *
   * 2.5877 * 2.0667 * 2.0729 * 1.8369 * 1.9680 * 1.8932 * 1.7116 * 3.3066 *
   ************************************************************************
10 * 1.5668 * 1.6937 * 1.6889 * 1.7531 * 1.8505 * 1.6825 * 1.8723 *  .8840 *
   * 2.2486 * 2.0734 * 2.0901 * 1.9890 * 1.9128 * 2.0497 * 1.8404 * 3.5260 *
   ************************************************************************
11 * 1.5827 * 1.9280 * 1.7536 * 1.7323 * 1.5775 * 1.7310 * 1.1178 *  .5638 *
   * 2.2083 * 1.8364 * 1.9885 * 2.0542 * 2.1529 * 1.9590 * 2.8331 * 5.5548 *
   ************************************************************************
12 * 1.9886 * 1.7665 * 1.8513 * 1.5780 * 1.1601 * 1.4389 *  .8254 *
   * 1.7671 * 1.9669 * 1.9120 * 2.1523 * 2.2397 * 1.9318 * 3.4733 *
   ****************************************************************
13 * 1.5942 * 1.8135 * 1.6837 * 1.7317 * 1.4395 * 1.3203 *  .6175 *
   * 2.1679 * 1.8904 * 2.0481 * 1.9585 * 1.9312 * 2.0304 * 4.2110 *
   ****************************************************************
14 * 2.0211 * 2.0180 * 1.8736 * 1.1182 *  .8255 *  .6312 *
   * 1.7083 * 1.7098 * 1.8391 * 2.8319 * 3.4728 * 4.1371 *
   ********************************************************
15 *  .9086 *  .9422 *  .8843 *  .5640 * F-SUB-Q
   * 3.4430 * 3.3049 * 3.5251 * 5.5524 * M-SUB-Q
   *************************************
```

AT 50% POWER, 200 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2153 * 1.2955 * 1.5388 * 1.5582 * 1.9498 * 1.5667 * 1.9821 *  .9060 *
   * 2.3640 * 2.8709 * 2.5217 * 2.4694 * 1.9823 * 2.4223 * 1.9053 * 3.7704 *
   ************************************************************************
 9 * 1.2955 * 1.7051 * 1.6672 * 1.8929 * 1.7347 * 1.7799 * 1.9778 *  .9446 *
   * 2.8709 * 2.3187 * 2.3198 * 2.0597 * 2.2031 * 2.1110 * 1.9091 * 3.6002 *
   ************************************************************************
10 * 1.5388 * 1.6667 * 1.6615 * 1.7280 * 1.8212 * 1.6561 * 1.8391 *  .8891 *
   * 2.5217 * 2.3204 * 2.3398 * 2.2231 * 2.1402 * 2.2911 * 2.0558 * 3.8382 *
   ************************************************************************
11 * 1.5582 * 1.8933 * 1.7285 * 1.7044 * 1.5594 * 1.7074 * 1.1213 *  .5645 *
   * 2.4694 * 2.0592 * 2.2226 * 2.2862 * 2.3706 * 2.1676 * 3.1052 * 6.0628 *
   ************************************************************************
12 * 1.9498 * 1.7356 * 1.8219 * 1.5598 * 1.1619 * 1.4277 *  .8354 *
   * 1.9823 * 2.2019 * 2.1394 * 2.3700 * 2.5017 * 2.1597 * 3.7833 *
   ****************************************************************
13 * 1.5667 * 1.7823 * 1.6573 * 1.7080 * 1.4282 * 1.3127 *  .6266 *
   * 2.4223 * 2.1079 * 2.2894 * 2.1669 * 2.1591 * 2.2694 * 4.6043 *
   ****************************************************************
14 * 1.9821 * 1.9799 * 1.8404 * 1.1217 *  .8355 *  .6397 *
   * 1.9053 * 1.9072 * 2.0544 * 3.1040 * 3.7827 * 4.5289 *
   ********************************************************
15 *  .9060 *  .9451 *  .8893 *  .5647 * F-SUB-Q
   * 3.7705 * 3.5987 * 3.8372 * 6.0603 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2261	1.2860	1.5401	1.5555	1.9641	1.5616	2.0014	.8935
	2.6016	3.1892	2.7540	2.6910	2.1412	2.6380	2.0513	4.1398
9	1.2860	1.7205	1.6716	1.9127	1.7369	1.7851	1.9984	.9263
	3.1892	2.5192	2.5290	2.2234	2.3934	2.2866	2.0542	3.9749
10	1.5401	1.6710	1.6663	1.7341	1.8377	1.6623	1.8583	.8708
	2.7540	2.5297	2.5504	2.4191	2.3141	2.4855	2.2105	4.2385
11	1.5555	1.9132	1.7346	1.7219	1.5724	1.7355	1.1107	.5562
	2.6910	2.2228	2.4185	2.4940	2.6142	2.3706	3.4261	6.6835
12	1.9641	1.7378	1.8384	1.5728	1.1626	1.4598	.8296	
	2.1412	2.3920	2.3132	2.6135	2.7491	2.3526	4.2343	
13	1.5616	1.7875	1.6635	1.7362	1.4603	1.3464	.6257	
	2.6380	2.2834	2.4836	2.3699	2.3520	2.4838	5.1668	
14	2.0014	2.0005	1.8596	1.1111	.8297	.6394		
	2.0513	2.0522	2.2091	3.4246	4.2336	5.0776		
15	.8935	.9267	.8711	.5564	F-SUB-Q			
	4.1398	3.9737	4.2373	6.6807	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2306	1.2833	1.5316	1.5451	1.9552	1.5479	1.9929	.8877
	2.6527	3.2470	2.9943	2.9411	2.3502	2.9155	2.2523	4.5419
9	1.2833	1.7179	1.6649	1.9085	1.7258	1.7746	1.9914	.9201
	3.2470	2.6733	2.7699	2.4462	2.6335	2.5171	2.2545	4.3622
10	1.5316	1.6643	1.6600	1.7291	1.8353	1.6568	1.8555	.8662
	2.9943	2.7707	2.8057	2.6728	2.5503	2.7405	2.4252	4.6498
11	1.5451	1.9090	1.7296	1.7223	1.5776	1.7468	1.1127	.5550
	2.9411	2.4455	2.6722	2.5910	2.7199	2.4868	3.7603	7.3272
12	1.9552	1.7268	1.8360	1.5780	1.1712	1.4824	.8389	
	2.3502	2.6320	2.5494	2.7192	2.9220	2.5043	4.5001	
13	1.5479	1.7770	1.6580	1.7475	1.4829	1.3746	.6372	
	2.9155	2.5136	2.7385	2.4860	2.5036	2.6711	5.5602	
14	1.9929	1.9934	1.8567	1.1131	.8390	.6511		
	2.2523	2.2523	2.4237	3.7586	4.4993	5.4657		
15	.8877	.9206	.8665	.5552	F-SUB-Q			
	4.5419	4.3606	4.6485	7.3240	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2434	1.2888	1.5152	1.5265	1.9238	1.5254	1.9604	.8843
	2.6982	3.2947	2.9305	2.8553	2.2868	2.8317	2.2386	4.4692
9	1.2888	1.7014	1.6487	1.8830	1.7025	1.7499	1.9607	.9208
	3.2947	2.6807	2.6897	2.3812	2.5607	2.4872	2.2483	4.2800
10	1.5152	1.6482	1.6440	1.7144	1.8168	1.6415	1.8338	.8713
	2.9305	2.6905	2.7259	2.5949	2.4816	2.7108	2.4389	4.5943
11	1.5265	1.8834	1.7148	1.7094	1.5817	1.7494	1.1245	.5573
	2.8553	2.3808	2.5942	2.6308	2.7572	2.5254	3.7381	7.3875
12	1.9238	1.7035	1.8175	1.5821	1.1971	1.5122	.8629	
	2.2868	2.5592	2.4807	2.7565	2.9639	2.5443	4.4942	
13	1.5254	1.7522	1.6426	1.7501	1.5127	1.4128	.6629	
	2.8317	2.4838	2.7087	2.5246	2.5436	2.7149	5.5566	
14	1.9604	1.9627	1.8350	1.1249	.8630	.6764		
	2.2386	2.2461	2.4373	3.7362	4.4934	5.4687		
15	.8843	.9213	.8715	.5575	F-SUB-Q			
	4.4692	4.2782	4.5930	7.3839	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3500	1.3064	1.5272	1.5277	1.9416	1.5221	1.9800	.8727
	2.6057	3.1887	2.8316	2.7633	2.1939	2.7427	2.1386	4.3677
9	1.3064	1.7320	1.6626	1.9093	1.7102	1.7577	1.9828	.9040
	3.1887	2.5713	2.5943	2.2805	2.4718	2.3931	2.1473	4.2068
10	1.5272	1.6620	1.6584	1.7298	1.8412	1.6573	1.8630	.8562
	2.8316	2.5951	2.6296	2.5026	2.3818	2.6136	2.3309	4.5266
11	1.5277	1.9098	1.7302	1.7634	1.6295	1.8138	1.1276	.5525
	2.7633	2.2799	2.5019	2.5269	2.6628	2.4239	3.6537	7.2607
12	1.9416	1.7111	1.8419	1.6300	1.2763	1.6311	.8822	
	2.1939	2.4704	2.3808	2.6621	2.8624	2.4324	4.3681	
13	1.5221	1.7600	1.6584	1.8144	1.6317	1.5297	.6882	
	2.7427	2.3899	2.6117	2.4232	2.4318	2.5840	5.3605	
14	1.9800	1.9848	1.8642	1.1281	.8824	.7030		
	2.1386	2.1452	2.3293	3.6517	4.3674	5.2708		
15	.8727	.9044	.8565	.5528	F-SUB-Q			
	4.3677	4.2054	4.5250	7.2571	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6065 * 1.3428 * 1.5309 * 1.5220 * 1.9400 * 1.5114 * 1.9781 *  .8654 *
   * 2.3789 * 2.9271 * 2.6535 * 2.6041 * 2.0691 * 2.5948 * 2.0154 * 4.1032 *
   ************************************************************************
 9 * 1.3428 * 1.7482 * 1.6669 * 1.9160 * 1.7104 * 1.7528 * 1.9834 *  .8941 *
   * 2.9271 * 2.3889 * 2.4316 * 2.1388 * 2.3307 * 2.2587 * 2.0215 * 3.9625 *
   ************************************************************************
10 * 1.5309 * 1.6662 * 1.6635 * 1.7356 * 1.8503 * 1.6630 * 1.8733 *  .8505 *
   * 2.6535 * 2.4324 * 2.4636 * 2.3486 * 2.2299 * 2.4541 * 2.1827 * 4.2413 *
   ************************************************************************
11 * 1.5220 * 1.9164 * 1.7360 * 1.8065 * 1.6761 * 1.8731 * 1.1385 *  .5517 *
   * 2.6041 * 2.1383 * 2.3481 * 2.3092 * 2.4368 * 2.2082 * 3.3645 * 6.7507 *
   ************************************************************************
12 * 1.9400 * 1.7113 * 1.8509 * 1.6765 * 1.4564 * 1.7779 *  .9124 *
   * 2.0691 * 2.3295 * 2.2291 * 2.4362 * 2.6158 * 2.2139 * 4.0149 *
   ****************************************************************
13 * 1.5114 * 1.7551 * 1.6641 * 1.8737 * 1.7785 * 1.6587 *  .7237 *
   * 2.5948 * 2.2561 * 2.4525 * 2.2075 * 2.2133 * 2.3528 * 4.9248 *
   ****************************************************************
14 * 1.9781 * 1.9854 * 1.8744 * 1.1390 *  .9126 *  .7392 *
   * 2.0154 * 2.0196 * 2.1814 * 3.3630 * 4.0143 * 4.8424 *
   ********************************************************
15 *  .8654 *  .8947 *  .8508 *  .5519 * F-SUB-Q
   * 4.1032 * 3.9605 * 4.2401 * 6.7477 * M-SUB-Q
   *************************************
```

AT 50% POWER, 200 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7387 * 1.3937 * 1.5357 * 1.5106 * 1.9260 * 1.4967 * 1.9624 *  .8577 *
   * 2.1990 * 2.7102 * 2.4176 * 2.3725 * 1.8816 * 2.3662 * 1.8325 * 3.7395 *
   ************************************************************************
 9 * 1.3937 * 1.7515 * 1.6633 * 1.9084 * 1.7017 * 1.7397 * 1.9698 *  .8892 *
   * 2.7102 * 2.1787 * 2.2120 * 1.9450 * 2.1237 * 2.0548 * 1.8371 * 3.5998 *
   ************************************************************************
10 * 1.5357 * 1.6625 * 1.6620 * 1.7325 * 1.8534 * 1.6610 * 1.8694 *  .8472 *
   * 2.4176 * 2.2128 * 2.2419 * 2.1362 * 2.0270 * 2.2317 * 1.9816 * 3.8550 *
   ************************************************************************
11 * 1.5106 * 1.9088 * 1.7329 * 1.8305 * 1.7041 * 1.9097 * 1.1495 *  .5524 *
   * 2.3725 * 1.9445 * 2.1357 * 2.1325 * 2.2522 * 2.0376 * 3.0748 * 6.1358 *
   ************************************************************************
12 * 1.9260 * 1.7026 * 1.8542 * 1.7046 * 1.5677 * 1.8741 *  .9421 *
   * 1.8816 * 2.1225 * 2.0263 * 2.2516 * 2.4270 * 2.0491 * 3.7033 *
   ****************************************************************
13 * 1.4967 * 1.7419 * 1.6620 * 1.9103 * 1.8746 * 1.7511 *  .7551 *
   * 2.3662 * 2.0524 * 2.2302 * 2.0370 * 2.0486 * 2.1752 * 4.5559 *
   ****************************************************************
14 * 1.9624 * 1.9717 * 1.8705 * 1.1500 *  .9423 *  .7710 *
   * 1.8325 * 1.8354 * 1.9805 * 3.0733 * 3.7027 * 4.4812 *
   ********************************************************
15 *  .8577 *  .8897 *  .8476 *  .5527 * F-SUB-Q
   * 3.7395 * 3.5984 * 3.8537 * 6.1331 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7576	1.4048	1.5241	1.4897	1.8913	1.4734	1.9252	.8521
	2.2074	2.7161	2.4189	2.3711	1.8854	2.3673	1.8373	3.7089
9	1.4048	1.7370	1.6439	1.8770	1.6783	1.7132	1.9340	.8870
	2.7161	2.1823	2.2097	1.9502	2.1254	2.0537	1.8411	3.5565
10	1.5240	1.6432	1.6438	1.7125	1.8317	1.6430	1.8425	.8492
	2.4189	2.2105	2.2409	2.1330	2.0278	2.2291	1.9824	3.7943
11	1.4897	1.8774	1.7129	1.8187	1.7020	1.9069	1.1576	.5537
	2.3711	1.9498	2.1325	2.1468	2.2596	2.0461	3.0230	6.0591
12	1.8913	1.6792	1.8325	1.7025	1.5929	1.8993	.9630	
	1.8854	2.1242	2.0271	2.2590	2.4307	2.0579	3.6605	
13	1.4734	1.7152	1.6439	1.9075	1.8999	1.7822	.7783	
	2.3673	2.0514	2.2275	2.0455	2.0574	2.1886	4.5142	
14	1.9252	1.9359	1.8436	1.1581	.9631	.7935		
	1.8373	1.8395	1.9813	3.0214	3.6598	4.4465		
15	.8521	.8874	.8495	.5539	F-SUB-Q			
	3.7089	3.5550	3.7934	6.0565	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7793	1.4059	1.5215	1.4770	1.8933	1.4591	1.9294	.8323
	2.0245	2.5138	2.2334	2.1998	1.7328	2.1991	1.6854	3.4970
9	1.4059	1.7533	1.6388	1.8824	1.6710	1.7070	1.9398	.8605
	2.5138	1.9995	2.0382	1.7883	1.9659	1.8956	1.6876	3.3766
10	1.5215	1.6380	1.6395	1.7076	1.8395	1.6395	1.8523	.8249
	2.2334	2.0390	2.0671	1.9688	1.8636	2.0546	1.8139	3.5978
11	1.4770	1.8828	1.7080	1.8315	1.7067	1.9290	1.1389	.5403
	2.1998	1.7878	1.9683	1.9535	2.0686	1.8595	2.8242	5.7201
12	1.8933	1.6719	1.8403	1.7071	1.6108	1.9364	.9491	
	1.7328	1.9648	1.8630	2.0681	2.2364	1.8823	3.4511	
13	1.4591	1.7090	1.6404	1.9296	1.9369	1.8223	.7721	
	2.1991	1.8935	2.0532	1.8589	1.8818	1.9982	4.2553	
14	1.9294	1.9417	1.8534	1.1394	.9492	.7882		
	1.6854	1.6860	1.8129	2.8227	3.4505	4.1860		
15	.8323	.8608	.8252	.5406	F-SUB-Q			
	3.4970	3.3757	3.5967	5.7175	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7502	1.3807	1.4932	1.4445	1.8533	1.4273	1.8894	.8122
	1.8726	2.3428	2.1090	2.0883	1.6425	2.0892	1.5986	3.3369
9	1.3807	1.7225	1.6067	1.8422	1.6356	1.6733	1.9006	.8400
	2.3428	1.8835	1.9248	1.6939	1.8649	1.7959	1.5993	3.2203
10	1.4932	1.6059	1.6075	1.6729	1.8005	1.6079	1.8180	.8063
	2.1090	1.9256	1.9526	1.8613	1.7635	1.9404	1.7141	3.4229
11	1.4445	1.8426	1.6733	1.7950	1.6758	1.8981	1.1177	.5286
	2.0883	1.6935	1.8609	1.8456	1.9479	1.7451	2.6507	5.4249
12	1.8533	1.6365	1.8013	1.6763	1.5897	1.9127	.9341	
	1.6425	1.8638	1.7629	1.9474	2.0800	1.7513	3.2309	
13	1.4273	1.6752	1.6088	1.8987	1.9132	1.8052	.7622	
	2.0892	1.7938	1.9391	1.7446	1.7509	1.8622	3.9807	
14	1.8894	1.9024	1.8190	1.1182	.9342	.7781		
	1.5987	1.5979	1.7131	2.6493	3.2304	3.9162		
15	.8122	.8402	.8066	.5288	F-SUB-Q			
	3.3369	3.2195	3.4219	5.4225	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6669	1.3285	1.4360	1.3864	1.7606	1.3725	1.7931	.7884
	1.8376	2.2823	2.0469	2.0397	1.6192	2.0403	1.5816	3.2361
9	1.3285	1.6403	1.5425	1.7454	1.5654	1.6041	1.8042	.8218
	2.2823	1.8382	1.8715	1.6725	1.8255	1.7579	1.5807	3.0979
10	1.4360	1.5418	1.5425	1.6020	1.7054	1.5423	1.7287	.7914
	2.0469	1.8723	1.8996	1.8136	1.7326	1.8889	1.6869	3.2766
11	1.3864	1.7458	1.6024	1.7012	1.6048	1.8053	1.0914	.5172
	2.0397	1.6722	1.8133	1.8041	1.8911	1.7083	2.5172	5.1895
12	1.7606	1.5663	1.7062	1.6052	1.5283	1.8213	.9175	
	1.6192	1.8245	1.7319	1.8906	2.0230	1.7191	3.0868	
13	1.3725	1.6060	1.5431	1.8059	1.8218	1.7241	.7485	
	2.0403	1.7559	1.8876	1.7077	1.7186	1.8202	3.7951	
14	1.7931	1.8060	1.7296	1.0919	.9176	.7630		
	1.5816	1.5793	1.6859	2.5161	3.0863	3.7388		
15	.7884	.8223	.7918	.5174	F-SUB-Q			
	3.2361	3.0965	3.2753	5.1873	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5918	1.2715	1.3816	1.3217	1.6772	1.3116	1.7079	.7407
	1.7904	2.2077	2.0020	2.0253	1.6103	2.0248	1.5751	3.2763
9	1.2715	1.5674	1.4797	1.6595	1.4950	1.5353	1.7191	.7684
	2.2077	1.8017	1.8397	1.6612	1.8082	1.7421	1.5727	3.1507
10	1.3816	1.4790	1.4796	1.5316	1.6151	1.4769	1.6494	.7381
	2.0020	1.8404	1.8650	1.7895	1.7193	1.8585	1.6696	3.3347
11	1.3217	1.6598	1.5319	1.6108	1.5318	1.7195	1.0259	.4863
	2.0253	1.6609	1.7891	1.7779	1.8471	1.6702	2.5183	5.2153
12	1.6772	1.4958	1.6157	1.5322	1.4611	1.7338	.8593	
	1.6103	1.8071	1.7187	1.8466	1.9912	1.6979	3.0796	
13	1.3116	1.5372	1.4778	1.7200	1.7343	1.6453	.7016	
	2.0248	1.7400	1.8573	1.6697	1.6974	1.8062	3.8330	
14	1.7079	1.7208	1.6504	1.0263	.8594	.7159		
	1.5751	1.5712	1.6686	2.5171	3.0790	3.7726		
15	.7407	.7688	.7383	.4865	F-SUB-Q			
	3.2763	3.1494	3.3336	5.2131	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4264	1.1636	1.2643	1.2014	1.4946	1.1922	1.5186	.6740
	1.8786	2.2788	2.0719	2.1325	1.7299	2.1364	1.6992	3.4634
9	1.1636	1.4097	1.3494	1.4839	1.3572	1.3900	1.5293	.6969
	2.2788	1.9051	1.9237	1.7748	1.9078	1.8452	1.6948	3.3409
10	1.2643	1.3488	1.3461	1.3939	1.4439	1.3429	1.4704	.6695
	2.0719	1.9245	1.9540	1.8743	1.8342	1.9505	1.7894	3.5304
11	1.2014	1.4841	1.3942	1.4364	1.3886	1.5301	.9287	.4426
	2.1325	1.7744	1.8739	1.8907	1.9359	1.7820	2.6448	5.4840
12	1.4946	1.3579	1.4444	1.3889	1.3196	1.5378	.7800	
	1.7298	1.9067	1.8336	1.9354	2.0762	1.8029	3.2160	
13	1.1922	1.3918	1.3436	1.5305	1.5383	1.4614	.6346	
	2.1364	1.8428	1.9492	1.7815	1.8023	1.9124	4.0005	
14	1.5186	1.5308	1.4712	.9290	.7801	.6474		
	1.6992	1.6931	1.7884	2.6437	3.2155	3.9382		
15	.6740	.6974	.6697	.4428	F-SUB-Q			
	3.4634	3.3392	3.5294	5.4817	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 200 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1671	.9459	1.0190	.9693	1.2106	.9543	1.2326	.5480
	2.2058	2.6884	2.4686	2.5561	2.0672	2.5826	2.0277	4.1370
9	.9459	1.1930	1.0887	1.2457	1.0689	1.1044	1.2417	.5648
	2.6884	2.1517	2.2982	2.0381	2.3374	2.2466	2.0207	4.0011
10	1.0190	1.0882	1.0530	1.1259	1.2245	1.0765	1.1752	.5387
	2.4686	2.2991	2.4066	2.2352	2.1030	2.3485	2.1651	4.2545
11	.9693	1.2460	1.1261	1.2226	1.0907	1.2416	.7478	.3613
	2.5561	2.0377	2.2348	2.1313	2.3628	2.1111	3.1646	6.5042
12	1.2106	1.0694	1.2249	1.0909	1.0188	1.2476	.6368	
	2.0672	2.3362	2.1022	2.3622	2.5810	2.1351	3.7974	
13	.9543	1.1059	1.0771	1.2419	1.2480	1.1251	.5069	
	2.5826	2.2435	2.3471	2.1105	2.1345	2.3855	4.8205	
14	1.2326	1.2428	1.1758	.7480	.6369	.5163		
	2.0277	2.0190	2.1640	3.1633	3.7965	4.7516		
15	.5480	.5652	.5388	.3614	F-SUB-Q			
	4.1370	3.9990	4.2535	6.5016	M-SUB-Q			

AT 50% POWER, 200 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4913	.4189	.4159	.4256	.5034	.4164	.4589	.2349
	5.0385	5.8443	5.8335	5.6420	4.8140	5.7467	5.2771	9.3756
9	.4189	.4866	.4401	.5139	.4341	.4341	.4608	.2377
	5.8443	5.0734	5.4909	4.7763	5.5647	5.5341	5.2722	9.2537
10	.4159	.4400	.4186	.4574	.5131	.4341	.4334	.2241
	5.8335	5.4923	5.8506	5.3113	4.8172	5.6283	5.6801	9.9300
11	.4256	.5140	.4575	.5109	.4342	.4838	.3193	.1575
	5.6420	4.7754	5.3104	4.9039	5.7055	5.2209	7.1693	14.4916
12	.5034	.4343	.5133	.4343	.4062	.4623	.2670	
	4.8140	5.5624	4.8157	5.7042	6.2353	5.5678	8.7833	
13	.4164	.4347	.4343	.4840	.4624	.4075	.2093	
	5.7467	5.5266	5.6250	5.2194	5.5662	6.3631	11.3059	
14	.4589	.4612	.4336	.3194	.2671	.2126		
	5.2771	5.2676	5.6770	7.1672	8.7798	11.1802		
15	.2349	.2378	.2242	.1576	F-SUB-Q			
	9.3756	9.2497	9.9267	14.4851	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.3910	.4449	.4915	.5302	.6178	.5007	.4187	.2140
	4.1018	4.6351	4.4973	4.2890	3.8663	4.3507	4.3011	6.7994
9	.4449	.5114	.5029	.6075	.5339	.5164	.5050	.2693
	4.6351	4.3048	4.2778	3.8856	4.2396	4.3018	4.3174	6.8663
10	.4915	.5028	.4066	.5274	.6052	.5258	.5104	.2664
	4.4973	4.2786	4.5301	4.1465	3.9433	4.3405	4.5873	7.4952
11	.5302	.6076	.5275	.5545	.4851	.5390	.3783	.2168
	4.2890	3.8850	4.1459	4.1583	4.6219	4.3192	5.5705	9.7420
12	.6178	.5341	.6053	.4852	.3669	.4309	.2962	
	3.8663	4.2382	3.9423	4.6213	4.7729	4.6081	6.7442	
13	.5007	.5168	.5261	.5391	.4309	.3740	.2177	
	4.3507	4.2949	4.3386	4.3188	4.6082	5.0715	8.6249	
14	.4187	.5054	.5106	.3783	.2960	.2216		
	4.3011	4.3133	4.5854	5.5709	6.7465	8.5970		
15	.2140	.2694	.2664	.2168	F-SUB-Q			
	6.7994	6.8691	7.4955	9.7422	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.7986	.9082	1.0770	1.0941	1.2917	1.0344	.9535	.4595
	2.0972	2.3592	2.1475	2.1720	1.9301	2.1952	1.9357	3.3112
9	.9082	1.1051	1.1077	1.2928	1.1821	1.1436	1.1765	.5930
	2.3592	2.0745	2.0242	1.8957	2.0019	1.9954	1.9310	3.2468
10	1.0770	1.1074	.8815	1.1638	1.2727	1.1658	1.1898	.5947
	2.1475	2.0246	2.1115	1.9553	1.9609	2.0589	2.0484	3.5086
11	1.0941	1.2930	1.1640	1.1644	1.0884	1.1977	.8089	.4533
	2.1720	1.8954	1.9550	2.0536	2.1311	2.0506	2.7562	4.9344
12	1.2917	1.1825	1.2730	1.0886	.7979	.9993	.6473	
	1.9301	2.0013	1.9604	2.1308	2.2334	2.0387	3.2268	
13	1.0344	1.1445	1.1663	1.1978	.9994	.8926	.4907	
	2.1952	1.9929	2.0579	2.0505	2.0386	2.2385	3.9141	
14	.9535	1.1773	1.1902	.8088	.6471	.4943		
	1.9357	1.9295	2.0477	2.7566	3.2276	3.9432		
15	.4595	.5933	.5947	.4533	F-SUB-Q			
	3.3112	3.2476	3.5091	4.9346	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.9786	1.0956	1.2977	1.3253	1.5838	1.2647	1.2130	.5859
	1.8044	2.0382	1.8593	1.8684	1.6376	1.8777	1.6294	2.8011
9	1.0956	1.3176	1.3474	1.5531	1.4611	1.3785	1.4529	.7376
	2.0382	1.8201	1.7430	1.6387	1.6857	1.6960	1.6295	2.7110
10	1.2977	1.3472	1.1135	1.4190	1.5235	1.4124	1.4602	.7481
	1.8593	1.7432	1.7632	1.6737	1.7150	1.7630	1.7365	2.9220
11	1.3253	1.5533	1.4192	1.3993	1.3433	1.4537	.9979	.5447
	1.8684	1.6385	1.6734	1.7807	1.7830	1.7513	2.3180	4.2762
12	1.5838	1.4615	1.5240	1.3435	.9852	1.2085	.7896	
	1.6376	1.6852	1.7145	1.7828	1.8711	1.7296	2.7089	
13	1.2647	1.3795	1.4130	1.4539	1.2086	1.0961	.5952	
	1.8777	1.6940	1.7621	1.7511	1.7295	1.8641	3.2967	
14	1.2130	1.4538	1.4607	.9977	.7894	.6052		
	1.6294	1.6282	1.7359	2.3183	2.7093	3.2909		
15	.5859	.7380	.7481	.5446	F-SUB-Q			
	2.8011	2.7117	2.9223	4.2763	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1014	1.2048	1.4320	1.4623	1.7907	1.4061	1.4713	.7014
	1.6845	1.9519	1.7803	1.7800	1.5217	1.7948	1.4985	2.6945
9	1.2048	1.5134	1.5107	1.7779	1.6202	1.5268	1.6845	.8133
	1.9519	1.6938	1.6568	1.5111	1.5964	1.6004	1.4995	2.6112
10	1.4320	1.5104	1.2927	1.5948	1.7362	1.5601	1.6655	.8228
	1.7803	1.6571	1.6753	1.5823	1.5773	1.6717	1.6026	2.8317
11	1.4623	1.7781	1.5950	1.6110	1.4912	1.6375	1.0802	.5847
	1.7800	1.5109	1.5821	1.6335	1.6788	1.6118	2.2261	4.1576
12	1.7907	1.6207	1.7367	1.4914	1.0804	1.3581	.8434	
	1.5217	1.5959	1.5769	1.6786	1.7680	1.5903	2.6196	
13	1.4060	1.5279	1.5607	1.6377	1.3583	1.2243	.6328	
	1.7948	1.5987	1.6709	1.6116	1.5901	1.7190	3.1927	
14	1.4713	1.6854	1.6660	1.0800	.8433	.6461		
	1.4985	1.4984	1.6021	2.2263	2.6198	3.1743		
15	.7014	.8139	.8227	.5847	F-SUB-Q			
	2.6945	2.6120	2.8322	4.1577	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1586 * 1.2649 * 1.4924 * 1.5214 * 1.8781 * 1.4786 * 1.7465 *  .8244 *
   * 1.7054 * 1.9946 * 1.8262 * 1.8134 * 1.5363 * 1.8371 * 1.5082 * 2.7362 *
   ************************************************************************
 9 * 1.2649 * 1.6277 * 1.5993 * 1.8893 * 1.6920 * 1.6270 * 1.8159 *  .8796 *
   * 1.9946 * 1.7000 * 1.6898 * 1.5164 * 1.6198 * 1.6301 * 1.5096 * 2.6532 *
   ************************************************************************
10 * 1.4924 * 1.5989 * 1.5199 * 1.6882 * 1.8382 * 1.6196 * 1.7612 *  .8748 *
   * 1.8262 * 1.6901 * 1.7133 * 1.6038 * 1.5702 * 1.6972 * 1.6111 * 2.8776 *
   ************************************************************************
11 * 1.5214 * 1.8895 * 1.6885 * 1.7256 * 1.5551 * 1.7068 * 1.1206 *  .6044 *
   * 1.8134 * 1.5163 * 1.6036 * 1.6283 * 1.7001 * 1.6132 * 2.2450 * 4.2255 *
   ************************************************************************
12 * 1.8781 * 1.6924 * 1.8387 * 1.5553 * 1.1237 * 1.4106 *  .8676 *
   * 1.5363 * 1.6193 * 1.5699 * 1.6999 * 1.7987 * 1.5965 * 2.6559 *
   ****************************************************************
13 * 1.4786 * 1.6285 * 1.6202 * 1.7070 * 1.4108 * 1.2639 *  .6472 *
   * 1.8371 * 1.6286 * 1.6965 * 1.6130 * 1.5963 * 1.7291 * 3.2446 *
   ****************************************************************
14 * 1.7465 * 1.8169 * 1.7617 * 1.1206 *  .8675 *  .6611 *
   * 1.5082 * 1.5086 * 1.6107 * 2.2451 * 2.6560 * 3.2241 *
   ********************************************************
15 *  .8244 *  .8800 *  .8748 *  .6044 * F-SUB-Q
   * 2.7362 * 2.6539 * 2.8781 * 4.2255 * M-SUB-Q
   ************************************
```

AT 50% POWER, 350 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1833 * 1.2990 * 1.5171 * 1.5443 * 1.9106 * 1.5111 * 1.8925 *  .9055 *
   * 1.7799 * 2.0895 * 1.9199 * 1.8867 * 1.5939 * 1.9282 * 1.5690 * 2.8436 *
   ************************************************************************
 9 * 1.2990 * 1.6941 * 1.6411 * 1.9398 * 1.7189 * 1.6876 * 1.9026 *  .9443 *
   * 2.0895 * 1.7643 * 1.7698 * 1.5725 * 1.6822 * 1.7016 * 1.5694 * 2.7568 *
   ************************************************************************
10 * 1.5171 * 1.6407 * 1.6142 * 1.7304 * 1.8778 * 1.6389 * 1.8009 *  .9096 *
   * 1.9199 * 1.7701 * 1.7937 * 1.6690 * 1.6096 * 1.7557 * 1.6683 * 2.9745 *
   ************************************************************************
11 * 1.5443 * 1.9400 * 1.7306 * 1.7767 * 1.5785 * 1.7249 * 1.1386 *  .6131 *
   * 1.8867 * 1.5723 * 1.6688 * 1.6842 * 1.7715 * 1.6757 * 2.3234 * 4.3886 *
   ************************************************************************
12 * 1.9106 * 1.7194 * 1.8783 * 1.5788 * 1.1409 * 1.4196 *  .8752 *
   * 1.5939 * 1.6817 * 1.6092 * 1.7713 * 1.8893 * 1.6681 * 2.7659 *
   ****************************************************************
13 * 1.5111 * 1.6892 * 1.6394 * 1.7251 * 1.4198 * 1.2657 *  .6520 *
   * 1.9282 * 1.7001 * 1.7550 * 1.6755 * 1.6679 * 1.8129 * 3.3869 *
   ****************************************************************
14 * 1.8925 * 1.9039 * 1.8014 * 1.1386 *  .8752 *  .6648 *
   * 1.5690 * 1.5684 * 1.6679 * 2.3234 * 2.7659 * 3.3713 *
   ********************************************************
15 *  .9055 *  .9446 *  .9095 *  .6131 * F-SUB-Q
   * 2.8436 * 2.7575 * 2.9749 * 4.3885 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1975	1.3066	1.5294	1.5525	1.9323	1.5224	1.9551	.9283
	1.8662	2.2042	2.0009	1.9711	1.6538	2.0069	1.6263	2.9965
9	1.3066	1.7349	1.6608	1.9746	1.7315	1.7170	1.9559	.9637
	2.2042	1.8336	1.8392	1.6211	1.7527	1.7668	1.6219	2.9036
10	1.5294	1.6604	1.6426	1.7495	1.9054	1.6475	1.8302	.9121
	2.0009	1.8397	1.8643	1.7324	1.6660	1.8333	1.7205	3.1166
11	1.5525	1.9748	1.7498	1.8129	1.5889	1.7387	1.1339	.6095
	1.9711	1.6209	1.7322	1.7490	1.8546	1.7550	2.4614	4.6261
12	1.9323	1.7320	1.9058	1.5891	1.1396	1.4267	.8662	
	1.6538	1.7522	1.6657	1.8543	1.9989	1.7510	2.9498	
13	1.5224	1.7184	1.6481	1.7389	1.4269	1.2680	.6425	
	2.0069	1.7652	1.8326	1.7548	1.7508	1.9047	3.6205	
14	1.9551	1.9571	1.8307	1.1339	.8661	.6555		
	1.6263	1.6209	1.7200	2.4614	2.9498	3.6015		
15	.9283	.9641	.9121	.6095	F-SUB-Q			
	2.9965	2.9043	3.1170	4.6259	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1976	1.3023	1.5216	1.5434	1.9262	1.5129	1.9657	.9323
	1.9896	2.3594	2.1433	2.1043	1.7600	2.1453	1.7118	3.1551
9	1.3023	1.7406	1.6559	1.9751	1.7225	1.7156	1.9636	.9654
	2.3594	1.9545	1.9647	1.7245	1.8676	1.8747	1.7107	3.0666
10	1.5216	1.6554	1.6388	1.7438	1.9060	1.6371	1.8296	.9092
	2.1433	1.9652	1.9892	1.8506	1.7569	1.9427	1.8268	3.3161
11	1.5434	1.9753	1.7440	1.8164	1.5813	1.7312	1.1250	.6043
	2.1043	1.7243	1.8504	1.8612	1.9813	1.8749	2.6177	4.8951
12	1.9262	1.7230	1.9064	1.5816	1.1319	1.4195	.8571	
	1.7600	1.8671	1.7566	1.9811	2.1341	1.8627	3.1487	
13	1.5129	1.7169	1.6376	1.7314	1.4198	1.2595	.6351	
	2.1453	1.8731	1.9420	1.8747	1.8625	2.0336	3.8807	
14	1.9657	1.9648	1.8301	1.1250	.8570	.6479		
	1.7118	1.7097	1.8264	2.6177	3.1486	3.8607		
15	.9323	.9657	.9091	.6043	F-SUB-Q			
	3.1551	3.0674	3.3165	4.8948	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2028	1.2916	1.5099	1.5292	1.9160	1.4973	1.9629	.9238
	2.1661	2.5755	2.3010	2.2528	1.8748	2.3013	1.8418	3.4189
9	1.2916	1.7416	1.6452	1.9704	1.7083	1.7050	1.9603	.9547
	2.5755	2.1159	2.1082	1.8319	1.9961	2.0141	1.8371	3.3305
10	1.5099	1.6447	1.6280	1.7315	1.9033	1.6233	1.8237	.8978
	2.3010	2.1088	2.1411	1.9746	1.8756	2.0821	1.9359	3.5646
11	1.5292	1.9706	1.7317	1.8153	1.5711	1.7247	1.1106	.5944
	2.2528	1.8317	1.9744	1.9827	2.1482	2.0229	2.8343	5.2845
12	1.9160	1.7087	1.9037	1.5713	1.1265	1.4194	.8456	
	1.8748	1.9956	1.8752	2.1479	2.3232	2.0144	3.4390	
13	1.4973	1.7063	1.6238	1.7249	1.4196	1.2580	.6263	
	2.3013	2.0124	2.0814	2.0227	2.0141	2.1981	4.2374	
14	1.9629	1.9614	1.8242	1.1106	.8455	.6400		
	1.8418	1.8360	1.9355	2.8341	3.4389	4.2087		
15	.9238	.9548	.8978	.5944	F-SUB-Q			
	3.4189	3.3321	3.5650	5.2842	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1999	1.2824	1.4759	1.4973	1.8669	1.4636	1.9137	.9173
	2.4283	2.8516	2.5423	2.4856	2.0764	2.5249	2.0039	3.6550
9	1.2824	1.7017	1.6115	1.9208	1.6696	1.6669	1.9113	.9504
	2.8516	2.3357	2.3204	2.0271	2.2063	2.1953	2.0001	3.5466
10	1.4759	1.6110	1.5924	1.6954	1.8564	1.5869	1.7777	.8986
	2.5424	2.3210	2.3516	2.1777	2.0806	2.3044	2.1319	3.7994
11	1.4973	1.9210	1.6956	1.7725	1.5418	1.6846	1.1050	.5907
	2.4856	2.0269	2.1775	2.2006	2.3863	2.2621	3.0956	5.7391
12	1.8669	1.6700	1.8568	1.5420	1.1290	1.3979	.8469	
	2.0764	2.2057	2.0802	2.3860	2.5979	2.2562	3.7593	
13	1.4636	1.6681	1.5874	1.6848	1.3981	1.2371	.6292	
	2.5249	2.1935	2.3037	2.2619	2.2559	2.4612	4.6268	
14	1.9137	1.9124	1.7781	1.1050	.8469	.6410		
	2.0039	1.9990	2.1314	3.0953	3.7592	4.6084		
15	.9173	.9508	.8986	.5907	F-SUB-Q			
	3.6550	3.5476	3.7996	5.7387	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2110 * 1.2636 * 1.4667 * 1.4830 * 1.8636 * 1.4463 * 1.9141 *  .8983 *
   * 2.6244 * 3.1119 * 2.8193 * 2.7646 * 2.2889 * 2.7989 * 2.1769 * 4.0382 *
   ************************************************************************
 9 * 1.2636 * 1.7112 * 1.6021 * 1.9249 * 1.6583 * 1.6561 * 1.9125 *  .9280 *
   * 3.1119 * 2.5311 * 2.5707 * 2.2284 * 2.4466 * 2.4109 * 2.1764 * 3.9348 *
   ************************************************************************
10 * 1.4667 * 1.6016 * 1.5835 * 1.6851 * 1.8639 * 1.5761 * 1.7798 *  .8724 *
   * 2.8193 * 2.5714 * 2.6042 * 2.4154 * 2.2943 * 2.5549 * 2.3324 * 4.2661 *
   ************************************************************************
11 * 1.4830 * 1.9251 * 1.6853 * 1.7809 * 1.5360 * 1.6899 * 1.0824 *  .5765 *
   * 2.7646 * 2.2282 * 2.4152 * 2.4207 * 2.6304 * 2.4877 * 3.4813 * 6.4458 *
   ************************************************************************
12 * 1.8636 * 1.6588 * 1.8642 * 1.5362 * 1.1215 * 1.4121 *  .8293 *
   * 2.2889 * 2.4459 * 2.2939 * 2.6301 * 2.8703 * 2.4774 * 4.2234 *
   ****************************************************************
13 * 1.4463 * 1.6573 * 1.5765 * 1.6900 * 1.4123 * 1.2508 *  .6172 *
   * 2.7989 * 2.4091 * 2.5541 * 2.4876 * 2.4771 * 2.7120 * 5.2307 *
   ****************************************************************
14 * 1.9141 * 1.9135 * 1.7801 * 1.0825 *  .8292 *  .6302 *
   * 2.1769 * 2.1752 * 2.3319 * 3.4810 * 4.2233 * 5.1984 *
   ********************************************************
15 *  .8983 *  .9283 *  .8723 *  .5765 * F-SUB-Q
   * 4.0382 * 3.9358 * 4.2666 * 6.4454 * M-SUB-Q
   *************************************
```

AT 50% POWER, 350 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2048 * 1.2513 * 1.4481 * 1.4631 * 1.8409 * 1.4234 * 1.8905 *  .8867 *
   * 2.6609 * 3.1646 * 2.9824 * 2.9816 * 2.4819 * 3.0545 * 2.4244 * 4.4987 *
   ************************************************************************
 9 * 1.2513 * 1.6976 * 1.5837 * 1.9056 * 1.6369 * 1.6336 * 1.8897 *  .9154 *
   * 3.1646 * 2.5694 * 2.7761 * 2.4259 * 2.6709 * 2.6739 * 2.4303 * 4.3919 *
   ************************************************************************
10 * 1.4481 * 1.5831 * 1.5647 * 1.6654 * 1.8472 * 1.5559 * 1.7602 *  .8613 *
   * 2.9824 * 2.7769 * 2.8295 * 2.6382 * 2.4904 * 2.8359 * 2.6209 * 4.7877 *
   ************************************************************************
11 * 1.4631 * 1.9057 * 1.6655 * 1.7665 * 1.5211 * 1.6761 * 1.0716 *  .5698 *
   * 2.9816 * 2.4257 * 2.6380 * 2.4798 * 2.6809 * 2.5524 * 3.8086 * 7.2408 *
   ************************************************************************
12 * 1.8409 * 1.6373 * 1.8476 * 1.5213 * 1.1136 * 1.4067 *  .8240 *
   * 2.4819 * 2.6701 * 2.4901 * 2.6807 * 2.9631 * 2.5768 * 4.3808 *
   ****************************************************************
13 * 1.4234 * 1.6347 * 1.5562 * 1.6762 * 1.4069 * 1.2486 *  .6158 *
   * 3.0544 * 2.6720 * 2.8349 * 2.5523 * 2.5765 * 2.8441 * 5.4774 *
   ****************************************************************
14 * 1.8905 * 1.8907 * 1.7605 * 1.0717 *  .8239 *  .6280 *
   * 2.4244 * 2.4291 * 2.6205 * 3.8082 * 4.3808 * 5.4509 *
   ********************************************************
15 *  .8867 *  .9157 *  .8613 *  .5698 * F-SUB-Q
   * 4.4987 * 4.3929 * 4.7883 * 7.2402 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1905 * 1.2447 * 1.4219 * 1.4380 * 1.8019 * 1.3960 * 1.8482 *  .8789 *
   * 2.7347 * 3.2180 * 2.9760 * 2.9214 * 2.4399 * 2.9946 * 2.3782 * 4.3498 *
   ************************************************************************
 9 * 1.2447 * 1.6670 * 1.5580 * 1.8681 * 1.6069 * 1.6013 * 1.8485 *  .9092 *
   * 3.2180 * 2.6405 * 2.7188 * 2.3846 * 2.6214 * 2.6199 * 2.3846 * 4.2391 *
   ************************************************************************
10 * 1.4219 * 1.5575 * 1.5381 * 1.6380 * 1.8116 * 1.5287 * 1.7241 *  .8619 *
   * 2.9760 * 2.7196 * 2.7748 * 2.5858 * 2.4767 * 2.7852 * 2.5800 * 4.6069 *
   ************************************************************************
11 * 1.4380 * 1.8682 * 1.6382 * 1.7346 * 1.5000 * 1.6487 * 1.0694 *  .5669 *
   * 2.9214 * 2.3845 * 2.5856 * 2.5510 * 2.7567 * 2.6315 * 3.8068 * 7.1132 *
   ************************************************************************
12 * 1.8019 * 1.6073 * 1.8119 * 1.5002 * 1.1095 * 1.3902 *  .8286 *
   * 2.4399 * 2.6207 * 2.4763 * 2.7564 * 3.0516 * 2.6601 * 4.4379 *
   ****************************************************************
13 * 1.3960 * 1.6023 * 1.5290 * 1.6488 * 1.3903 * 1.2379 *  .6224 *
   * 2.9946 * 2.6181 * 2.7844 * 2.6314 * 2.6598 * 2.9380 * 5.5511 *
   ****************************************************************
14 * 1.8482 * 1.8494 * 1.7244 * 1.0694 *  .8285 *  .6338 *
   * 2.3782 * 2.3834 * 2.5796 * 3.8065 * 4.4378 * 5.5316 *
   *******************************************************
15 *  .8789 *  .9095 *  .8620 *  .5669 * F-SUB-Q
   * 4.3498 * 4.2403 * 4.6070 * 7.1128 * M-SUB-Q
   *************************************
```

AT 50% POWER, 350 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2040 * 1.2367 * 1.4226 * 1.4322 * 1.8070 * 1.3842 * 1.8542 *  .8632 *
   * 2.6971 * 3.2042 * 2.9073 * 2.8583 * 2.3685 * 2.9357 * 2.3020 * 4.2986 *
   ************************************************************************
 9 * 1.2367 * 1.6884 * 1.5593 * 1.8826 * 1.6059 * 1.5971 * 1.8560 *  .8905 *
   * 3.2042 * 2.5871 * 2.6504 * 2.3069 * 2.5571 * 2.5535 * 2.3076 * 4.2024 *
   ************************************************************************
10 * 1.4226 * 1.5587 * 1.5405 * 1.6391 * 1.8304 * 1.5284 * 1.7355 *  .8405 *
   * 2.9073 * 2.6513 * 2.7050 * 2.5215 * 2.3927 * 2.7170 * 2.4967 * 4.5971 *
   ************************************************************************
11 * 1.4322 * 1.8827 * 1.6392 * 1.7558 * 1.5080 * 1.6699 * 1.0572 *  .5570 *
   * 2.8583 * 2.3068 * 2.5213 * 2.5139 * 2.7299 * 2.5963 * 3.7670 * 7.0691 *
   ************************************************************************
12 * 1.8070 * 1.6062 * 1.8307 * 1.5081 * 1.1078 * 1.4193 *  .8226 *
   * 2.3685 * 2.5564 * 2.3923 * 2.7296 * 3.0289 * 2.6192 * 4.4178 *
   ****************************************************************
13 * 1.3842 * 1.5981 * 1.5287 * 1.6699 * 1.4195 * 1.2714 *  .6218 *
   * 2.9357 * 2.5517 * 2.7162 * 2.5963 * 2.6190 * 2.8740 * 5.4863 *
   ****************************************************************
14 * 1.8542 * 1.8569 * 1.7357 * 1.0573 *  .8225 *  .6343 *
   * 2.3020 * 2.3065 * 2.4963 * 3.7665 * 4.4178 * 5.4586 *
   *******************************************************
15 *  .8632 *  .8909 *  .8405 *  .5570 * F-SUB-Q
   * 4.2986 * 4.2034 * 4.5975 * 7.0686 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.2361 * 1.2449 * 1.4235 * 1.4271 * 1.8038 * 1.3731 * 1.8483 *  .8553 *
   * 2.4156 * 2.8810 * 2.7194 * 2.7286 * 2.2604 * 2.8090 * 2.1981 * 4.0996 *
   ************************************************************************
 9 * 1.2449 * 1.7063 * 1.5611 * 1.8877 * 1.6035 * 1.5892 * 1.8520 *  .8802 *
   * 2.8810 * 2.3292 * 2.5249 * 2.1993 * 2.4430 * 2.4416 * 2.2032 * 4.0188 *
   ************************************************************************
10 * 1.4235 * 1.5604 * 1.5429 * 1.6404 * 1.8405 * 1.5287 * 1.7377 *  .8338 *
   * 2.7194 * 2.5257 * 2.5780 * 2.4086 * 2.2781 * 2.5963 * 2.3796 * 4.3778 *
   ************************************************************************
11 * 1.4271 * 1.8878 * 1.6405 * 1.7776 * 1.5247 * 1.6934 * 1.0597 *  .5541 *
   * 2.7286 * 2.1991 * 2.4085 * 2.2677 * 2.4637 * 2.3332 * 3.4832 * 6.6677 *
   ************************************************************************
12 * 1.8038 * 1.6039 * 1.8408 * 1.5248 * 1.1291 * 1.4646 *  .8352 *
   * 2.2604 * 2.4424 * 2.2779 * 2.4636 * 2.7267 * 2.3503 * 3.9953 *
   ****************************************************************
13 * 1.3731 * 1.5901 * 1.5290 * 1.6934 * 1.4647 * 1.3216 *  .6381 *
   * 2.8090 * 2.4401 * 2.5958 * 2.3332 * 2.3502 * 2.5810 * 4.9679 *
   ****************************************************************
14 * 1.8483 * 1.8528 * 1.7379 * 1.0598 *  .8351 *  .6514 *
   * 2.1981 * 2.2023 * 2.3793 * 3.4829 * 3.9954 * 4.9390 *
   ********************************************************
15 *  .8553 *  .8804 *  .8337 *  .5541 * F-SUB-Q
   * 4.0996 * 4.0204 * 4.3783 * 6.6675 * M-SUB-Q
   *************************************
```

AT 50% POWER, 350 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3411 * 1.2721 * 1.4309 * 1.4253 * 1.8004 * 1.3655 * 1.8392 *  .8512 *
   * 2.1849 * 2.6061 * 2.4593 * 2.4403 * 2.0251 * 2.5210 * 1.9738 * 3.6624 *
   ************************************************************************
 9 * 1.2721 * 1.7351 * 1.5679 * 1.8921 * 1.6038 * 1.5826 * 1.8451 *  .8782 *
   * 2.6061 * 2.1053 * 2.2480 * 1.9643 * 2.1842 * 2.1895 * 1.9755 * 3.5806 *
   ************************************************************************
10 * 1.4309 * 1.5673 * 1.5502 * 1.6461 * 1.8555 * 1.5339 * 1.7387 *  .8339 *
   * 2.4593 * 2.2488 * 2.2953 * 2.1482 * 2.0299 * 2.3143 * 2.1219 * 3.8925 *
   ************************************************************************
11 * 1.4253 * 1.8922 * 1.6462 * 1.8120 * 1.5574 * 1.7301 * 1.0744 *  .5575 *
   * 2.4403 * 1.9642 * 2.1481 * 2.0509 * 2.2331 * 2.1131 * 3.1393 * 5.9231 *
   ************************************************************************
12 * 1.8004 * 1.6041 * 1.8557 * 1.5576 * 1.2093 * 1.5569 *  .8665 *
   * 2.0251 * 2.1837 * 2.0296 * 2.2329 * 2.4798 * 2.1363 * 3.6168 *
   ****************************************************************
13 * 1.3655 * 1.5835 * 1.5341 * 1.7301 * 1.5570 * 1.4078 *  .6717 *
   * 2.5210 * 2.1882 * 2.3139 * 2.1132 * 2.1361 * 2.3451 * 4.5028 *
   ****************************************************************
14 * 1.8392 * 1.8459 * 1.7388 * 1.0745 *  .8664 *  .6843 *
   * 1.9738 * 1.9748 * 2.1217 * 3.1390 * 3.6168 * 4.4858 *
   ********************************************************
15 *  .8512 *  .8785 *  .8339 *  .5575 * F-SUB-Q
   * 3.6624 * 3.5815 * 3.8931 * 5.9229 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5819 * 1.3185 * 1.4512 * 1.4239 * 1.7901 * 1.3620 * 1.8210 *  .8539 *
   * 2.1398 * 2.5280 * 2.4006 * 2.3772 * 1.9789 * 2.4565 * 1.9340 * 3.5469 *
   ************************************************************************
 9 * 1.3185 * 1.7736 * 1.5740 * 1.8875 * 1.6023 * 1.5735 * 1.8291 *  .8828 *
   * 2.5280 * 2.0673 * 2.1872 * 1.9184 * 2.1297 * 2.1387 * 1.9343 * 3.4610 *
   ************************************************************************
10 * 1.4512 * 1.5733 * 1.5559 * 1.6508 * 1.8654 * 1.5386 * 1.7325 *  .8465 *
   * 2.4006 * 2.1880 * 2.2361 * 2.0903 * 1.9816 * 2.2537 * 2.0739 * 3.7323 *
   ************************************************************************
11 * 1.4239 * 1.8876 * 1.6509 * 1.8439 * 1.5959 * 1.7709 * 1.0996 *  .5662 *
   * 2.3772 * 1.9183 * 2.0902 * 2.0145 * 2.1910 * 2.0756 * 3.0254 * 5.7057 *
   ************************************************************************
12 * 1.7901 * 1.6027 * 1.8656 * 1.5960 * 1.3511 * 1.6800 *  .9117 *
   * 1.9789 * 2.1293 * 1.9814 * 2.1908 * 2.4328 * 2.0990 * 3.4946 *
   ****************************************************************
13 * 1.3620 * 1.5743 * 1.5388 * 1.7708 * 1.6801 * 1.5120 *  .7172 *
   * 2.4565 * 2.1376 * 2.2533 * 2.0756 * 2.0989 * 2.3110 * 4.3577 *
   ****************************************************************
14 * 1.8210 * 1.8299 * 1.7326 * 1.0997 *  .9116 *  .7299 *
   * 1.9340 * 1.9335 * 2.0737 * 3.0251 * 3.4946 * 4.3459 *
   ******************************************************
15 *  .8539 *  .8831 *  .8466 *  .5662 * F-SUB-Q
   * 3.5469 * 3.4621 * 3.7325 * 5.7056 * M-SUB-Q
   *************************************
```

AT 50% POWER, 350 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7547 * 1.3941 * 1.4878 * 1.4351 * 1.8180 * 1.3630 * 1.8472 *  .8450 *
   * 1.9167 * 2.3061 * 2.1524 * 2.1508 * 1.7747 * 2.2352 * 1.7348 * 3.2652 *
   ************************************************************************
 9 * 1.3941 * 1.8440 * 1.5985 * 1.9277 * 1.6223 * 1.5873 * 1.8575 *  .8708 *
   * 2.3061 * 1.8391 * 1.9681 * 1.7131 * 1.9193 * 1.9308 * 1.7334 * 3.1973 *
   ************************************************************************
10 * 1.4878 * 1.5977 * 1.5816 * 1.6751 * 1.9142 * 1.5616 * 1.7679 *  .8326 *
   * 2.1524 * 1.9689 * 2.0120 * 1.8814 * 1.7658 * 2.0287 * 1.8534 * 3.4616 *
   ************************************************************************
11 * 1.4351 * 1.9277 * 1.6751 * 1.9095 * 1.6486 * 1.8438 * 1.1049 *  .5623 *
   * 2.1508 * 1.7130 * 1.8814 * 1.7907 * 1.9614 * 1.8465 * 2.7543 * 5.2561 *
   ************************************************************************
12 * 1.8180 * 1.6227 * 1.9143 * 1.6487 * 1.4740 * 1.8052 *  .9300 *
   * 1.7747 * 1.9189 * 1.7656 * 1.9612 * 2.1971 * 1.8808 * 3.2179 *
   ****************************************************************
13 * 1.3630 * 1.5881 * 1.5618 * 1.8437 * 1.8053 * 1.6282 *  .7387 *
   * 2.2352 * 1.9298 * 2.0284 * 1.8465 * 1.8807 * 2.0679 * 4.0334 *
   ****************************************************************
14 * 1.8472 * 1.8583 * 1.7679 * 1.1050 *  .9298 *  .7538 *
   * 1.7348 * 1.7327 * 1.8533 * 2.7541 * 3.2180 * 4.0115 *
   ******************************************************
15 *  .8450 *  .8710 *  .8326 *  .5624 * F-SUB-Q
   * 3.2652 * 3.1986 * 3.4620 * 5.2558 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8059 * 1.4266 * 1.5023 * 1.4350 * 1.8195 * 1.3598 * 1.8448 *  .8410 *
   * 1.7278 * 2.0935 * 1.9792 * 1.9848 * 1.6352 * 2.0679 * 1.6016 * 3.0310 *
   ************************************************************************
 9 * 1.4266 * 1.8690 * 1.6056 * 1.9337 * 1.6249 * 1.5861 * 1.8569 *  .8670 *
   * 2.0935 * 1.6845 * 1.8069 * 1.5745 * 1.7678 * 1.7823 * 1.5986 * 2.9666 *
   ************************************************************************
10 * 1.5023 * 1.6049 * 1.5886 * 1.6809 * 1.9263 * 1.5677 * 1.7736 *  .8310 *
   * 1.9792 * 1.8077 * 1.8487 * 1.7290 * 1.6210 * 1.8635 * 1.7038 * 3.2039 *
   ************************************************************************
11 * 1.4350 * 1.9338 * 1.6809 * 1.9310 * 1.6688 * 1.8724 * 1.1135 *  .5634 *
   * 1.9848 * 1.5745 * 1.7289 * 1.6441 * 1.7999 * 1.6879 * 2.5172 * 4.8480 *
   ************************************************************************
12 * 1.8195 * 1.6252 * 1.9265 * 1.6689 * 1.5125 * 1.8570 *  .9480 *
   * 1.6352 * 1.7674 * 1.6208 * 1.7997 * 1.9894 * 1.7027 * 2.9361 *
   ****************************************************************
13 * 1.3598 * 1.5869 * 1.5679 * 1.8723 * 1.8572 * 1.6816 *  .7584 *
   * 2.0679 * 1.7813 * 1.8632 * 1.6880 * 1.7026 * 1.8763 * 3.6709 *
   ****************************************************************
14 * 1.8448 * 1.8577 * 1.7737 * 1.1135 *  .9478 *  .7738 *
   * 1.6016 * 1.5980 * 1.7037 * 2.5169 * 2.9362 * 3.6511 *
   ********************************************************
15 *  .8410 *  .8672 *  .8310 *  .5634 * F-SUB-Q
   * 3.0310 * 2.9677 * 3.2043 * 4.8478 * M-SUB-Q
   *************************************
```

AT 50% POWER, 350 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7868 * 1.4348 * 1.4884 * 1.4154 * 1.7808 * 1.3483 * 1.7998 *  .8374 *
   * 1.6436 * 1.9611 * 1.8451 * 1.8786 * 1.5593 * 1.9513 * 1.5333 * 2.8497 *
   ************************************************************************
 9 * 1.4348 * 1.8368 * 1.5860 * 1.8886 * 1.6004 * 1.5605 * 1.8133 *  .8677 *
   * 1.9611 * 1.5951 * 1.7030 * 1.5021 * 1.6741 * 1.6923 * 1.5282 * 2.7747 *
   ************************************************************************
10 * 1.4884 * 1.5853 * 1.5676 * 1.6579 * 1.8859 * 1.5480 * 1.7356 *  .8382 *
   * 1.8451 * 1.7036 * 1.7452 * 1.6323 * 1.5385 * 1.7566 * 1.6238 * 2.9710 *
   ************************************************************************
11 * 1.4154 * 1.8887 * 1.6580 * 1.8947 * 1.6503 * 1.8445 * 1.1211 *  .5670 *
   * 1.8786 * 1.5020 * 1.6322 * 1.5528 * 1.6938 * 1.5974 * 2.3178 * 4.4976 *
   ************************************************************************
12 * 1.7808 * 1.6007 * 1.8860 * 1.6504 * 1.5055 * 1.8397 *  .9651 *
   * 1.5593 * 1.6737 * 1.5383 * 1.6937 * 1.8833 * 1.6182 * 2.7205 *
   ****************************************************************
13 * 1.3483 * 1.5613 * 1.5482 * 1.8444 * 1.8399 * 1.6702 *  .7752 *
   * 1.9513 * 1.6913 * 1.7563 * 1.5974 * 1.6181 * 1.7796 * 3.3904 *
   ****************************************************************
14 * 1.7998 * 1.8140 * 1.7357 * 1.1211 *  .9650 *  .7889 *
   * 1.5333 * 1.5277 * 1.6237 * 2.3176 * 2.7206 * 3.3811 *
   ********************************************************
15 *  .8374 *  .8679 *  .8382 *  .5669 * F-SUB-Q
   * 2.8497 * 2.7759 * 2.9712 * 4.4975 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7624	1.3958	1.4695	1.3857	1.7489	1.3166	1.7657	.8073
	1.5546	1.8732	1.7504	1.8104	1.4981	1.8877	1.4767	2.8006
9	1.3958	1.8022	1.5606	1.8522	1.5718	1.5338	1.7801	.8348
	1.8732	1.5157	1.6267	1.4413	1.6059	1.6265	1.4702	2.7321
10	1.4695	1.5599	1.5438	1.6275	1.8444	1.5222	1.7071	.8025
	1.7504	1.6273	1.6652	1.5642	1.4733	1.6789	1.5558	2.9360
11	1.3857	1.8522	1.6275	1.8542	1.6223	1.8168	1.0846	.5477
	1.8104	1.4412	1.5641	1.4831	1.6083	1.5124	2.2524	4.3931
12	1.7489	1.5722	1.8445	1.6224	1.4851	1.8166	.9330	
	1.4981	1.6055	1.4732	1.6082	1.7884	1.5396	2.6291	
13	1.3166	1.5346	1.5224	1.8168	1.8167	1.6520	.7505	
	1.8877	1.6256	1.6786	1.5124	1.5395	1.7027	3.3134	
14	1.7657	1.7809	1.7072	1.0846	.9328	.7650		
	1.4767	1.4696	1.5557	2.2522	2.6291	3.2990		
15	.8073	.8351	.8025	.5477	F-SUB-Q			
	2.8006	2.7328	2.9365	4.3930	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6268	1.3067	1.3815	1.2924	1.6110	1.2326	1.6202	.7509
	1.5854	1.8888	1.7650	1.8527	1.5524	1.9290	1.5387	2.8886
9	1.3067	1.6560	1.4609	1.6993	1.4640	1.4311	1.6348	.7759
	1.8888	1.5647	1.6535	1.4949	1.6435	1.6679	1.5302	2.8196
10	1.3815	1.4602	1.4439	1.5191	1.6861	1.4237	1.5709	.7467
	1.7650	1.6542	1.6934	1.5956	1.5278	1.7082	1.6126	3.0241
11	1.2924	1.6994	1.5192	1.6953	1.5093	1.6710	1.0090	.5116
	1.8527	1.4949	1.5955	1.5399	1.6424	1.5616	2.2993	4.4973
12	1.6110	1.4644	1.6863	1.5094	1.3846	1.6681	.8701	
	1.5524	1.6431	1.5276	1.6422	1.8118	1.5827	2.6774	
13	1.2326	1.4320	1.4239	1.6710	1.6683	1.5205	.6997	
	1.9290	1.6667	1.7079	1.5616	1.5825	1.7450	3.3668	
14	1.6202	1.6356	1.5710	1.0090	.8700	.7141		
	1.5387	1.5295	1.6125	2.2992	2.6774	3.3481		
15	.7509	.7763	.7467	.5116	F-SUB-Q			
	2.8886	2.8202	3.0246	4.4971	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 350 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3219	1.0876	1.1511	1.0715	1.3029	1.0240	1.3127	.6201
	1.8724	2.1759	2.0298	2.1523	1.8486	2.2417	1.8334	3.3894
9	1.0876	1.3832	1.2135	1.3946	1.1844	1.1784	1.3231	.6372
	2.1759	1.7865	1.9146	1.7508	1.9543	1.9550	1.8252	3.3259
10	1.1511	1.2130	1.1726	1.2556	1.3840	1.1776	1.2699	.6122
	2.0298	1.9153	2.0039	1.8539	1.7822	1.9862	1.9233	3.5708
11	1.0715	1.3947	1.2557	1.3920	1.2181	1.3497	.8274	.4287
	2.1523	1.7507	1.8538	1.7906	1.9462	1.8526	2.6989	5.1918
12	1.3029	1.1846	1.3840	1.2181	1.1150	1.3462	.7191	
	1.8486	1.9538	1.7820	1.9461	2.1626	1.8839	3.1238	
13	1.0240	1.1794	1.1778	1.3497	1.3464	1.2191	.5755	
	2.2417	1.9533	1.9858	1.8526	1.8837	2.0911	3.9450	
14	1.3127	1.3237	1.2700	.8274	.7191	.5868		
	1.8334	1.8244	1.9231	2.6987	3.1236	3.9262		
15	.6201	.6374	.6122	.4287	F-SUB-Q			
	3.3894	3.3266	3.5715	5.1917	M-SUB-Q			

AT 50% POWER, 350 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.5945	.5106	.5023	.5005	.5834	.4790	.5287	.2807
	3.9959	4.4512	4.4759	4.4544	3.9959	4.6433	4.4019	7.2632
9	.5106	.5907	.5245	.6067	.5113	.4998	.5316	.2841
	4.4512	4.0136	4.2674	3.8822	4.3643	4.4524	4.3903	7.2434
10	.5023	.5243	.4996	.5420	.6090	.5080	.5082	.2703
	4.4759	4.2686	4.5301	4.1357	3.8975	4.4397	4.6420	7.8427
11	.5005	.6067	.5420	.6088	.5152	.5665	.3762	.1973
	4.4544	3.8820	4.1355	3.9318	4.4207	4.2493	5.7336	10.9437
12	.5834	.5114	.6090	.5152	.4787	.5397	.3198	
	3.9959	4.3632	3.8972	4.4204	4.8505	4.5388	6.7998	
13	.4790	.5002	.5081	.5665	.5397	.4791	.2533	
	4.6433	4.4482	4.4386	4.2491	4.5380	5.1405	8.6850	
14	.5287	.5319	.5083	.3762	.3198	.2571		
	4.4019	4.3880	4.6413	5.7335	6.7980	8.6820		
15	.2807	.2842	.2703	.1973	F-SUB-Q			
	7.2632	7.2460	7.8430	10.9427	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4494	.5107	.5631	.6072	.7052	.5722	.4762	.2498
	3.6192	4.0282	3.9078	3.7465	3.4776	3.8020	3.8005	5.5763
9	.5107	.5850	.5745	.6951	.6146	.5972	.5851	.3224
	4.0282	3.8353	3.7245	3.4830	3.6747	3.7330	3.8153	5.6431
10	.5631	.5744	.4597	.6086	.7005	.6138	.6000	.3195
	3.9078	3.7252	3.9192	3.6008	3.4783	3.6644	4.0233	6.2139
11	.6072	.6951	.6086	.6469	.5696	.6402	.4529	.2723
	3.7465	3.4826	3.6005	3.6944	3.8813	3.7090	4.5737	7.7959
12	.7052	.6147	.7006	.5697	.4314	.5230	.3667	
	3.4776	3.6739	3.4779	3.8811	4.0803	4.0583	5.3589	
13	.5722	.5976	.6140	.6402	.5230	.4660	.2780	
	3.8020	3.7287	3.6633	3.7091	4.0585	4.4408	6.9430	
14	.4762	.5854	.6001	.4528	.3665	.2827		
	3.8005	3.8126	4.0223	4.5715	5.3611	7.0208		
15	.2498	.3224	.3195	.2722	F-SUB-Q			
	5.5763	5.6458	6.2133	7.7967	M-SUB-Q			

AT 50% POWER, 460 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.8488	.9651	1.1387	1.1591	1.3593	1.0888	.9900	.4921
	2.0108	2.1924	2.0048	2.0361	1.8696	2.0600	1.8481	2.9089
9	.9651	1.1830	1.1671	1.3749	1.2588	1.2207	1.2481	.6540
	2.1924	1.9579	1.8934	1.8153	1.8651	1.8633	1.8490	2.8713
10	1.1387	1.1668	.9206	1.2438	1.3840	1.2581	1.2832	.6592
	2.0048	1.8937	1.9678	1.8164	1.8436	1.8954	1.9410	3.1254
11	1.1591	1.3750	1.2439	1.2790	1.1862	1.3115	.8954	.5268
	2.0361	1.8152	1.8162	1.9267	1.9669	1.9129	2.4480	4.2646
12	1.3593	1.2591	1.3842	1.1863	.8722	1.1142	.7423	
	1.8696	1.8647	1.8433	1.9668	2.0636	1.9390	2.7936	
13	1.0888	1.2214	1.2584	1.3116	1.1142	1.0193	.5783	
	2.0600	1.8613	1.8949	1.9129	1.9391	2.1135	3.4538	
14	.9900	1.2486	1.2834	.8952	.7419	.5826		
	1.8481	1.8479	1.9407	2.4470	2.7945	3.5255		
15	.4921	.6542	.6591	.5267	F-SUB-Q			
	2.9089	2.8724	3.1254	4.2651	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.0064 * 1.1166 * 1.3123 * 1.3491 * 1.6109 * 1.2736 * 1.1991 *  .5932 *
   * 1.7759 * 1.9545 * 1.7961 * 1.8079 * 1.6278 * 1.8249 * 1.5922 * 2.5275 *
   ************************************************************************
 9 * 1.1166 * 1.3689 * 1.3593 * 1.6120 * 1.4927 * 1.4066 * 1.4843 *  .7826 *
   * 1.9545 * 1.7538 * 1.6805 * 1.5952 * 1.6228 * 1.6365 * 1.5927 * 2.4527 *
   ************************************************************************
10 * 1.3123 * 1.3591 * 1.1068 * 1.4545 * 1.6226 * 1.4639 * 1.5209 *  .7948 *
   * 1.7961 * 1.6808 * 1.7049 * 1.6033 * 1.6377 * 1.6876 * 1.6862 * 2.6649 *
   ************************************************************************
11 * 1.3491 * 1.6121 * 1.4546 * 1.4878 * 1.4072 * 1.5500 * 1.0719 *  .6109 *
   * 1.8079 * 1.5951 * 1.6032 * 1.7040 * 1.7007 * 1.6735 * 2.1157 * 3.8145 *
   ************************************************************************
12 * 1.6109 * 1.4930 * 1.6228 * 1.4073 * 1.0382 * 1.3141 *  .8824 *
   * 1.6278 * 1.6225 * 1.6375 * 1.7006 * 1.7965 * 1.6806 * 2.4270 *
   ****************************************************************
13 * 1.2736 * 1.4074 * 1.4642 * 1.5500 * 1.3142 * 1.2041 *  .6795 *
   * 1.8249 * 1.6350 * 1.6871 * 1.6735 * 1.6805 * 1.8219 * 2.9883 *
   ****************************************************************
14 * 1.1991 * 1.4849 * 1.5211 * 1.0716 *  .8820 *  .6908 *
   * 1.5922 * 1.5918 * 1.6860 * 2.1148 * 2.4275 * 3.0231 *
   ********************************************************
15 *  .5932 *  .7828 *  .7946 *  .6108 * F-SUB-Q
   * 2.5275 * 2.4535 * 2.6649 * 3.8148 * M-SUB-Q
   *************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.0940 * 1.1911 * 1.4026 * 1.4444 * 1.7593 * 1.3610 * 1.3295 *  .6460 *
   * 1.7004 * 1.9108 * 1.7579 * 1.7618 * 1.5545 * 1.7831 * 1.5017 * 2.4754 *
   ************************************************************************
 9 * 1.1911 * 1.5105 * 1.4648 * 1.7769 * 1.6047 * 1.5060 * 1.6455 *  .8314 *
   * 1.9108 * 1.6615 * 1.6352 * 1.5101 * 1.5737 * 1.5793 * 1.5034 * 2.4122 *
   ************************************************************************
10 * 1.4026 * 1.4645 * 1.1900 * 1.5684 * 1.7843 * 1.5672 * 1.6735 *  .8426 *
   * 1.7579 * 1.6355 * 1.6558 * 1.5524 * 1.5404 * 1.6388 * 1.5960 * 2.6379 *
   ************************************************************************
11 * 1.4444 * 1.7770 * 1.5686 * 1.6473 * 1.5128 * 1.6891 * 1.1288 *  .6385 *
   * 1.7618 * 1.5100 * 1.5523 * 1.6066 * 1.6387 * 1.5888 * 2.0836 * 3.7967 *
   ************************************************************************
12 * 1.7593 * 1.6050 * 1.7845 * 1.5129 * 1.1027 * 1.4308 *  .9168 *
   * 1.5545 * 1.5734 * 1.5402 * 1.6386 * 1.7393 * 1.5884 * 2.4128 *
   ****************************************************************
13 * 1.3610 * 1.5067 * 1.5675 * 1.6892 * 1.4309 * 1.3045 *  .7024 *
   * 1.7831 * 1.5781 * 1.6384 * 1.5889 * 1.5883 * 1.7244 * 2.9637 *
   ****************************************************************
14 * 1.3295 * 1.6461 * 1.6737 * 1.1285 *  .9165 *  .7165 *
   * 1.5017 * 1.5027 * 1.5958 * 2.0827 * 2.4131 * 2.9879 *
   ********************************************************
15 *  .6460 *  .8317 *  .8424 *  .6384 * F-SUB-Q
   * 2.4754 * 2.4133 * 2.6380 * 3.7970 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1279 * 1.2298 * 1.4346 * 1.4753 * 1.8064 * 1.4011 * 1.4536 *  .7202 *
   * 1.7508 * 1.9815 * 1.8308 * 1.8227 * 1.5992 * 1.8540 * 1.5391 * 2.5512 *
   ************************************************************************
 9 * 1.2298 * 1.5785 * 1.5146 * 1.8384 * 1.6391 * 1.5375 * 1.7277 *  .8679 *
   * 1.9815 * 1.7002 * 1.6963 * 1.5464 * 1.6268 * 1.6330 * 1.5408 * 2.4833 *
   ************************************************************************
10 * 1.4346 * 1.5143 * 1.2743 * 1.6176 * 1.8402 * 1.5945 * 1.7298 *  .8783 *
   * 1.8308 * 1.6966 * 1.7187 * 1.6018 * 1.5692 * 1.6907 * 1.6337 * 2.7184 *
   ************************************************************************
11 * 1.4753 * 1.8385 * 1.6177 * 1.7117 * 1.5414 * 1.7198 * 1.1489 *  .6485 *
   * 1.8227 * 1.5463 * 1.6017 * 1.6378 * 1.6893 * 1.6283 * 2.1421 * 3.9279 *
   ************************************************************************
12 * 1.8064 * 1.6393 * 1.8404 * 1.5415 * 1.1217 * 1.4500 *  .9231 *
   * 1.5992 * 1.6265 * 1.5690 * 1.6892 * 1.8007 * 1.6272 * 2.4951 *
   ****************************************************************
13 * 1.4011 * 1.5382 * 1.5948 * 1.7198 * 1.4502 * 1.3153 *  .7054 *
   * 1.8540 * 1.6320 * 1.6903 * 1.6283 * 1.6271 * 1.7681 * 3.0536 *
   ****************************************************************
14 * 1.4536 * 1.7283 * 1.7300 * 1.1487 *  .9229 *  .7194 *
   * 1.5391 * 1.5401 * 1.6335 * 2.1411 * 2.4952 * 3.0795 *
   ********************************************************
15 *  .7202 *  .8683 *  .8781 *  .6484 * F-SUB-Q
   * 2.5512 * 2.4842 * 2.7185 * 3.9281 * M-SUB-Q
   *************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1444 * 1.2598 * 1.4516 * 1.4867 * 1.8227 * 1.4330 * 1.6324 *  .8326 *
   * 1.8449 * 2.0822 * 1.9419 * 1.9150 * 1.6764 * 1.9644 * 1.6200 * 2.6769 *
   ************************************************************************
 9 * 1.2598 * 1.6443 * 1.5538 * 1.8738 * 1.6520 * 1.5751 * 1.7940 *  .9045 *
   * 2.0822 * 1.7833 * 1.7962 * 1.6214 * 1.7070 * 1.7225 * 1.6202 * 2.6048 *
   ************************************************************************
10 * 1.4516 * 1.5534 * 1.4091 * 1.6526 * 1.8635 * 1.5995 * 1.7580 *  .9154 *
   * 1.9419 * 1.7965 * 1.8202 * 1.6849 * 1.6342 * 1.7670 * 1.7102 * 2.8313 *
   ************************************************************************
11 * 1.4867 * 1.8740 * 1.6527 * 1.7444 * 1.5463 * 1.7141 * 1.1559 *  .6526 *
   * 1.9150 * 1.6213 * 1.6848 * 1.7173 * 1.7820 * 1.7209 * 2.2488 * 4.1368 *
   ************************************************************************
12 * 1.8227 * 1.6523 * 1.8638 * 1.5464 * 1.1252 * 1.4360 *  .9198 *
   * 1.6764 * 1.7067 * 1.6341 * 1.7819 * 1.9136 * 1.7220 * 2.6330 *
   ****************************************************************
13 * 1.4330 * 1.5760 * 1.5998 * 1.7141 * 1.4361 * 1.2956 *  .6999 *
   * 1.9644 * 1.7215 * 1.7667 * 1.7209 * 1.7219 * 1.8765 * 3.2224 *
   ****************************************************************
14 * 1.6324 * 1.7945 * 1.7581 * 1.1557 *  .9196 *  .7129 *
   * 1.6200 * 1.6195 * 1.7101 * 2.2476 * 2.6331 * 3.2534 *
   ********************************************************
15 *  .8326 *  .9050 *  .9152 *  .6525 * F-SUB-Q
   * 2.6769 * 2.6058 * 2.8312 * 4.1369 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1580 * 1.2731 * 1.4692 * 1.4962 * 1.8430 * 1.4576 * 1.8499 *  .9137 *
   * 1.9454 * 2.2138 * 2.0389 * 2.0152 * 1.7539 * 2.0564 * 1.6918 * 2.8387 *
   ************************************************************************
 9 * 1.2731 * 1.7093 * 1.5860 * 1.9097 * 1.6648 * 1.6372 * 1.8670 *  .9515 *
   * 2.2138 * 1.8657 * 1.8791 * 1.6891 * 1.7933 * 1.8002 * 1.6864 * 2.7621 *
   ************************************************************************
10 * 1.4692 * 1.5856 * 1.5541 * 1.6795 * 1.8901 * 1.6047 * 1.7911 *  .9263 *
   * 2.0389 * 1.8795 * 1.9053 * 1.7657 * 1.7056 * 1.8612 * 1.7763 * 2.9893 *
   ************************************************************************
11 * 1.4962 * 1.9098 * 1.6796 * 1.7898 * 1.5503 * 1.7148 * 1.1470 *  .6481 *
   * 2.0152 * 1.6890 * 1.7656 * 1.7882 * 1.8795 * 1.8265 * 2.4058 * 4.4007 *
   ************************************************************************
12 * 1.8430 * 1.6651 * 1.8903 * 1.5504 * 1.1164 * 1.4280 *  .9007 *
   * 1.7539 * 1.7930 * 1.7055 * 1.8794 * 2.0372 * 1.8203 * 2.8278 *
   ****************************************************************
13 * 1.4576 * 1.6380 * 1.6049 * 1.7148 * 1.4282 * 1.2828 *  .6816 *
   * 2.0564 * 1.7991 * 1.8608 * 1.8265 * 1.8202 * 1.9833 * 3.4653 *
   ****************************************************************
14 * 1.8499 * 1.8678 * 1.7912 * 1.1469 *  .9005 *  .6950 *
   * 1.6918 * 1.6858 * 1.7762 * 2.4044 * 2.8278 * 3.4948 *
   ********************************************************
15 *  .9137 *  .9518 *  .9260 *  .6480 * F-SUB-Q
   * 2.8387 * 2.7631 * 2.9894 * 4.4008 * M-SUB-Q
   *************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1610 * 1.2772 * 1.4712 * 1.4943 * 1.8443 * 1.4630 * 1.9041 *  .9459 *
   * 2.0750 * 2.3690 * 2.1919 * 2.1659 * 1.8795 * 2.2039 * 1.7860 * 2.9944 *
   ************************************************************************
 9 * 1.2772 * 1.7315 * 1.5943 * 1.9177 * 1.6620 * 1.6607 * 1.9082 *  .9787 *
   * 2.3690 * 1.9921 * 2.0153 * 1.8071 * 1.9272 * 1.9154 * 1.7845 * 2.9231 *
   ************************************************************************
10 * 1.4712 * 1.5939 * 1.5738 * 1.6828 * 1.8931 * 1.5981 * 1.8020 *  .9337 *
   * 2.1919 * 2.0158 * 2.0424 * 1.8963 * 1.8232 * 1.9887 * 1.8932 * 3.1895 *
   ************************************************************************
11 * 1.4943 * 1.9178 * 1.6829 * 1.8023 * 1.5420 * 1.7019 * 1.1384 *  .6445 *
   * 2.1659 * 1.8070 * 1.8962 * 1.9160 * 2.0140 * 1.9648 * 2.5733 * 4.6823 *
   ************************************************************************
12 * 1.8443 * 1.6623 * 1.8932 * 1.5421 * 1.1049 * 1.4103 *  .8865 *
   * 1.8795 * 1.9268 * 1.8230 * 2.0139 * 2.1777 * 1.9407 * 3.0238 *
   ****************************************************************
13 * 1.4630 * 1.6615 * 1.5983 * 1.7018 * 1.4105 * 1.2626 *  .6683 *
   * 2.2039 * 1.9143 * 1.9884 * 1.9648 * 1.9406 * 2.1202 * 3.7173 *
   ****************************************************************
14 * 1.9041 * 1.9090 * 1.8021 * 1.1382 *  .8863 *  .6815 *
   * 1.7860 * 1.7839 * 1.8931 * 2.5717 * 3.0238 * 3.7487 *
   ********************************************************
15 *  .9459 *  .9789 *  .9335 *  .6444 * F-SUB-Q
   * 2.9944 * 2.9242 * 3.1896 * 4.6823 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1609 * 1.2714 * 1.4666 * 1.4864 * 1.8414 * 1.4579 * 1.9238 *  .9513 *
   * 2.2531 * 2.5839 * 2.3703 * 2.3293 * 2.0112 * 2.3806 * 1.9232 * 3.2443 *
   ************************************************************************
 9 * 1.2714 * 1.7399 * 1.5919 * 1.9180 * 1.6535 * 1.6648 * 1.9233 *  .9800 *
   * 2.5839 * 2.1551 * 2.1784 * 1.9352 * 2.0669 * 2.0728 * 1.9238 * 3.1777 *
   ************************************************************************
10 * 1.4666 * 1.5914 * 1.5726 * 1.6759 * 1.8912 * 1.5881 * 1.8053 *  .9286 *
   * 2.3703 * 2.1790 * 2.2159 * 2.0399 * 1.9493 * 2.1382 * 2.0207 * 3.4552 *
   ************************************************************************
11 * 1.4864 * 1.9181 * 1.6759 * 1.8027 * 1.5304 * 1.6915 * 1.1249 *  .6359 *
   * 2.3293 * 1.9351 * 2.0398 * 2.0552 * 2.1882 * 2.1288 * 2.7952 * 5.0696 *
   ************************************************************************
12 * 1.8414 * 1.6538 * 1.8913 * 1.5304 * 1.0913 * 1.3984 *  .8714 *
   * 2.0112 * 2.0666 * 1.9492 * 2.1881 * 2.3674 * 2.0980 * 3.2978 *
   ****************************************************************
13 * 1.4579 * 1.6655 * 1.5883 * 1.6914 * 1.3985 * 1.2493 *  .6546 *
   * 2.3806 * 2.0717 * 2.1378 * 2.1288 * 2.0979 * 2.2892 * 4.0526 *
   ****************************************************************
14 * 1.9238 * 1.9240 * 1.8054 * 1.1248 *  .8712 *  .6669 *
   * 1.9232 * 1.9231 * 2.0207 * 2.7934 * 3.2978 * 4.0907 *
   ********************************************************
15 *  .9513 *  .9800 *  .9284 *  .6358 * F-SUB-Q
   * 3.2443 * 3.1799 * 3.4553 * 5.0696 * M-SUB-Q
   *************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1517 * 1.2679 * 1.4385 * 1.4614 * 1.8008 * 1.4327 * 1.8890 *  .9531 *
   * 2.5154 * 2.8394 * 2.6183 * 2.5669 * 2.2262 * 2.6082 * 2.1043 * 3.4867 *
   ************************************************************************
 9 * 1.2679 * 1.7065 * 1.5647 * 1.8759 * 1.6200 * 1.6376 * 1.8873 *  .9855 *
   * 2.8394 * 2.3896 * 2.3975 * 2.1418 * 2.2858 * 2.2564 * 2.1002 * 3.3967 *
   ************************************************************************
10 * 1.4385 * 1.5643 * 1.5428 * 1.6452 * 1.8482 * 1.5567 * 1.7669 *  .9363 *
   * 2.6183 * 2.3982 * 2.4346 * 2.2503 * 2.1638 * 2.3674 * 2.2246 * 3.6737 *
   ************************************************************************
11 * 1.4614 * 1.8760 * 1.6453 * 1.7627 * 1.5010 * 1.6509 * 1.1215 *  .6340 *
   * 2.5669 * 2.1417 * 2.2503 * 2.2792 * 2.4268 * 2.3691 * 3.0515 * 5.5040 *
   ************************************************************************
12 * 1.8008 * 1.6202 * 1.8483 * 1.5010 * 1.0862 * 1.3655 *  .8731 *
   * 2.2262 * 2.2854 * 2.1637 * 2.4267 * 2.6378 * 2.3417 * 3.5804 *
   ****************************************************************
13 * 1.4327 * 1.6383 * 1.5568 * 1.6509 * 1.3656 * 1.2189 *  .6549 *
   * 2.6082 * 2.2552 * 2.3670 * 2.3692 * 2.3416 * 2.5535 * 4.4033 *
   ****************************************************************
14 * 1.8890 * 1.8879 * 1.7669 * 1.1214 *  .8730 *  .6665 *
   * 2.1043 * 2.0995 * 2.2246 * 3.0495 * 3.5804 * 4.4487 *
   ********************************************************
15 *  .9531 *  .9857 *  .9362 *  .6340 * F-SUB-Q
   * 3.4867 * 3.3980 * 3.6734 * 5.5040 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1628 * 1.2484 * 1.4303 * 1.4470 * 1.7979 * 1.4182 * 1.8939 *  .9369 *
   * 2.7322 * 3.1335 * 2.9012 * 2.8537 * 2.4528 * 2.8703 * 2.2836 * 3.8452 *
   ************************************************************************
 9 * 1.2484 * 1.7145 * 1.5560 * 1.8774 * 1.6091 * 1.6297 * 1.8919 *  .9650 *
   * 3.1335 * 2.5973 * 2.6547 * 2.3566 * 2.5334 * 2.4758 * 2.2833 * 3.7641 *
   ************************************************************************
10 * 1.4303 * 1.5555 * 1.5336 * 1.6332 * 1.8504 * 1.5452 * 1.7701 *  .9104 *
   * 2.9012 * 2.6554 * 2.6961 * 2.4976 * 2.3831 * 2.6234 * 2.4330 * 4.1226 *
   ************************************************************************
11 * 1.4470 * 1.8775 * 1.6332 * 1.7654 * 1.4921 * 1.6519 * 1.0979 *  .6192 *
   * 2.8537 * 2.3565 * 2.4975 * 2.5130 * 2.6657 * 2.5864 * 3.4410 * 6.1868 *
   ************************************************************************
12 * 1.7979 * 1.6093 * 1.8505 * 1.4921 * 1.0764 * 1.3741 *  .8500 *
   * 2.4528 * 2.5330 * 2.3830 * 2.6656 * 2.9094 * 2.5672 * 4.0248 *
   ****************************************************************
13 * 1.4182 * 1.6303 * 1.5453 * 1.6518 * 1.3742 * 1.2272 *  .6396 *
   * 2.8703 * 2.4746 * 2.6230 * 2.5866 * 2.5671 * 2.8084 * 4.9659 *
   ****************************************************************
14 * 1.8939 * 1.8926 * 1.7702 * 1.0978 *  .8498 *  .6517 *
   * 2.2836 * 2.2826 * 2.4330 * 3.4387 * 4.0248 * 5.0113 *
   *******************************************************
15 *  .9369 *  .9653 *  .9102 *  .6192 * F-SUB-Q
   * 3.8452 * 3.7655 * 4.1225 * 6.1868 * M-SUB-Q
   *************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1661 * 1.2364 * 1.4112 * 1.4265 * 1.7745 * 1.3962 * 1.8717 *  .9262 *
   * 2.7918 * 3.1834 * 3.0217 * 3.1074 * 2.6837 * 3.1662 * 2.5380 * 4.2632 *
   ************************************************************************
 9 * 1.2364 * 1.6995 * 1.5366 * 1.8554 * 1.5862 * 1.6080 * 1.8699 *  .9532 *
   * 3.1834 * 2.6337 * 2.8597 * 2.5968 * 2.7931 * 2.7514 * 2.5401 * 4.1797 *
   ************************************************************************
10 * 1.4112 * 1.5361 * 1.5129 * 1.6110 * 1.8293 * 1.5235 * 1.7496 *  .8997 *
   * 3.0217 * 2.8606 * 2.8981 * 2.7269 * 2.5831 * 2.9024 * 2.7103 * 4.5832 *
   ************************************************************************
11 * 1.4265 * 1.8555 * 1.6111 * 1.7464 * 1.4746 * 1.6345 * 1.0855 *  .6118 *
   * 3.1074 * 2.5968 * 2.7269 * 2.5853 * 2.7384 * 2.6709 * 3.6983 * 6.8872 *
   ************************************************************************
12 * 1.7745 * 1.5864 * 1.8294 * 1.4746 * 1.0727 * 1.3687 *  .8422 *
   * 2.6837 * 2.7926 * 2.5832 * 2.7383 * 3.0302 * 2.6870 * 4.1769 *
   ****************************************************************
13 * 1.3962 * 1.6086 * 1.5236 * 1.6344 * 1.3688 * 1.2224 *  .6353 *
   * 3.1662 * 2.7502 * 2.9021 * 2.6711 * 2.6869 * 2.9560 * 5.1959 *
   ****************************************************************
14 * 1.8717 * 1.8705 * 1.7496 * 1.0855 *  .8421 *  .6475 *
   * 2.5380 * 2.5394 * 2.7104 * 3.6959 * 4.1769 * 5.2423 *
   *******************************************************
15 *  .9262 *  .9535 *  .8995 *  .6118 * F-SUB-Q
   * 4.2632 * 4.1813 * 4.5832 * 6.8871 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1549 * 1.2284 * 1.3821 * 1.4001 * 1.7333 * 1.3681 * 1.8280 *  .9177 *
   * 2.8271 * 3.1839 * 3.0445 * 2.9937 * 2.5951 * 3.0508 * 2.4617 * 4.0651 *
   ************************************************************************
 9 * 1.2284 * 1.6656 * 1.5076 * 1.8141 * 1.5525 * 1.5744 * 1.8267 *  .9471 *
   * 3.1839 * 2.6663 * 2.7920 * 2.5111 * 2.6977 * 2.6551 * 2.4699 * 3.9777 *
   ************************************************************************
10 * 1.3821 * 1.5070 * 1.4822 * 1.5798 * 1.7887 * 1.4927 * 1.7101 *  .9000 *
   * 3.0445 * 2.7928 * 2.8580 * 2.6613 * 2.5620 * 2.8326 * 2.6582 * 4.3668 *
   ************************************************************************
11 * 1.4001 * 1.8141 * 1.5798 * 1.7089 * 1.4481 * 1.6008 * 1.0801 *  .6074 *
   * 2.9937 * 2.5111 * 2.6613 * 2.6236 * 2.7794 * 2.7171 * 3.6982 * 6.6836 *
   ************************************************************************
12 * 1.7333 * 1.5527 * 1.7888 * 1.4482 * 1.0678 * 1.3468 *  .8450 *
   * 2.5951 * 2.6973 * 2.5619 * 2.7793 * 3.0791 * 2.7372 * 4.1608 *
   ***************************************************************
13 * 1.3681 * 1.5749 * 1.4928 * 1.6007 * 1.3469 * 1.2042 *  .6383 *
   * 3.0508 * 2.6540 * 2.8321 * 2.7173 * 2.7371 * 3.0127 * 5.1883 *
   ***************************************************************
14 * 1.8280 * 1.8272 * 1.7100 * 1.0800 *  .8448 *  .6494 *
   * 2.4617 * 2.4693 * 2.6583 * 3.6957 * 4.1608 * 5.2435 *
   ******************************************************
15 *  .9177 *  .9474 *  .8998 *  .6073 * F-SUB-Q
   * 4.0651 * 3.9792 * 4.3664 * 6.6836 * M-SUB-Q
   *************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.1534 * 1.2101 * 1.3749 * 1.3866 * 1.7294 * 1.3523 * 1.8271 *  .8990 *
   * 2.8014 * 3.2001 * 2.9282 * 2.8858 * 2.4837 * 2.9466 * 2.3491 * 3.9575 *
   ************************************************************************
 9 * 1.2101 * 1.6737 * 1.5001 * 1.8164 * 1.5430 * 1.5639 * 1.8267 *  .9245 *
   * 3.2001 * 2.6324 * 2.6822 * 2.3969 * 2.5941 * 2.5509 * 2.3565 * 3.8875 *
   ************************************************************************
10 * 1.3749 * 1.4995 * 1.4750 * 1.5699 * 1.7925 * 1.4830 * 1.7126 *  .8737 *
   * 2.9282 * 2.6830 * 2.7461 * 2.5603 * 2.4444 * 2.7243 * 2.5361 * 4.2967 *
   ************************************************************************
11 * 1.3866 * 1.8164 * 1.5699 * 1.7137 * 1.4422 * 1.6056 * 1.0599 *  .5939 *
   * 2.8858 * 2.3969 * 2.5603 * 2.5800 * 2.7692 * 2.6965 * 3.6138 * 6.5424 *
   ************************************************************************
12 * 1.7294 * 1.5432 * 1.7925 * 1.4423 * 1.0527 * 1.3563 *  .8273 *
   * 2.4837 * 2.5937 * 2.4444 * 2.7692 * 3.0742 * 2.7126 * 4.2220 *
   ***************************************************************
13 * 1.3523 * 1.5644 * 1.4830 * 1.6054 * 1.3563 * 1.2181 *  .6285 *
   * 2.9466 * 2.5500 * 2.7240 * 2.6968 * 2.7125 * 2.9811 * 5.2413 *
   ***************************************************************
14 * 1.8271 * 1.8272 * 1.7125 * 1.0599 *  .8271 *  .6399 *
   * 2.3491 * 2.3559 * 2.5362 * 3.6113 * 4.2221 * 5.2935 *
   ******************************************************
15 *  .8990 *  .9247 *  .8735 *  .5938 * F-SUB-Q
   * 3.9575 * 3.8889 * 4.2967 * 6.5423 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1564	1.2047	1.3666	1.3748	1.7180	1.3372	1.8145	.8884
	2.5327	2.9005	2.7578	2.7818	2.3912	2.8462	2.2621	3.8174
9	1.2047	1.6755	1.4923	1.8102	1.5317	1.5500	1.8153	.9103
	2.9005	2.3934	2.5792	2.3047	2.5012	2.4610	2.2689	3.7638
10	1.3666	1.4917	1.4667	1.5605	1.7883	1.4730	1.7055	.8629
	2.7578	2.5800	2.6418	2.4675	2.3498	2.6273	2.4388	4.1472
11	1.3748	1.8102	1.5605	1.7124	1.4388	1.6068	1.0532	.5875
	2.7818	2.3046	2.4675	2.3803	2.5286	2.4532	3.3937	6.2933
12	1.7180	1.5319	1.7883	1.4388	1.0499	1.3661	.8266	
	2.3912	2.5008	2.3498	2.5285	2.7911	2.4569	3.8136	
13	1.3372	1.5504	1.4730	1.6066	1.3662	1.2333	.6315	
	2.8462	2.4602	2.6271	2.4535	2.4568	2.6859	4.7116	
14	1.8145	1.8158	1.7054	1.0532	.8264	.6428		
	2.2621	2.2684	2.4389	3.3914	3.8137	4.7601		
15	.8884	.9102	.8627	.5874	F-SUB-Q			
	3.8174	3.7664	4.1472	6.2932	M-SUB-Q			

AT 50% POWER, 460 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1795	1.2159	1.3646	1.3678	1.7079	1.3249	1.8000	.8822
	2.2687	2.5914	2.4687	2.5053	2.1619	2.5762	2.0548	3.4374
9	1.2159	1.6847	1.4907	1.8059	1.5246	1.5383	1.8023	.9072
	2.5914	2.1403	2.3121	2.0765	2.2549	2.2290	2.0583	3.3761
10	1.3646	1.4901	1.4647	1.5570	1.7871	1.4689	1.6984	.8612
	2.4687	2.3129	2.3685	2.2193	2.1134	2.3637	2.1973	3.7052
11	1.3678	1.8059	1.5569	1.7176	1.4464	1.6177	1.0594	.5883
	2.5053	2.0765	2.2193	2.1331	2.2714	2.2028	3.0311	5.5732
12	1.7079	1.5248	1.7871	1.4464	1.0680	1.3945	.8420	
	2.1619	2.2546	2.1134	2.2714	2.5157	2.2120	3.4205	
13	1.3249	1.5386	1.4688	1.6176	1.3945	1.2671	.6497	
	2.5762	2.2285	2.3635	2.2030	2.2120	2.4169	4.2281	
14	1.8000	1.8027	1.6982	1.0593	.8418	.6617		
	2.0548	2.0579	2.1975	3.0290	3.4206	4.2695		
15	.8822	.9074	.8610	.5882	F-SUB-Q			
	3.4374	3.3774	3.7053	5.5733	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2576	1.2488	1.3711	1.3659	1.6965	1.3214	1.7809	.8851
	2.1957	2.4801	2.3907	2.4066	2.0849	2.4754	1.9878	3.2841
9	1.2488	1.6998	1.4946	1.8005	1.5215	1.5285	1.7849	.9127
	2.4801	2.0754	2.2182	1.9993	2.1691	2.1490	1.9899	3.2169
10	1.3711	1.4940	1.4679	1.5595	1.7867	1.4708	1.6889	.8749
	2.3907	2.2190	2.2753	2.1296	2.0328	2.2713	2.1199	3.5010
11	1.3659	1.8004	1.5595	1.7281	1.4704	1.6406	1.0817	.5970
	2.4066	1.9993	2.1297	2.0709	2.2044	2.1410	2.8936	5.2924
12	1.6965	1.5216	1.7867	1.4704	1.1345	1.4627	.8815	
	2.0849	2.1688	2.0329	2.2044	2.4413	2.1525	3.2591	
13	1.3214	1.5288	1.4708	1.6404	1.4627	1.3331	.6884	
	2.4754	2.1485	2.2713	2.1412	2.1525	2.3592	4.0433	
14	1.7809	1.7853	1.6888	1.0817	.8813	.7000		
	1.9878	1.9895	2.1202	2.8916	3.2591	4.0890		
15	.8851	.9129	.8748	.5969	F-SUB-Q			
	3.2841	3.2183	3.5007	5.2925	M-SUB-Q			

AT 50% POWER, 460 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4420	1.2867	1.4143	1.3790	1.7244	1.3226	1.8077	.8776
	1.9442	2.2438	2.1165	2.1485	1.8465	2.2244	1.7613	2.9827
9	1.2867	1.7673	1.5224	1.8421	1.5434	1.5431	1.8139	.9007
	2.2438	1.8299	1.9683	1.7625	1.9288	1.9160	1.7616	2.9358
10	1.4143	1.5217	1.4966	1.5859	1.8354	1.4962	1.7251	.8610
	2.1165	1.9690	2.0190	1.8914	1.7884	2.0176	1.8705	3.2081
11	1.3790	1.8420	1.5858	1.7949	1.5309	1.7165	1.0905	.5951
	2.1485	1.7626	1.8914	1.8254	1.9556	1.8885	2.6040	4.8048
12	1.7244	1.5436	1.8354	1.5309	1.2507	1.6211	.9055	
	1.8465	1.9286	1.7884	1.9556	2.1794	1.9089	2.9769	
13	1.3226	1.5434	1.4961	1.7163	1.6211	1.4672	.7176	
	2.2244	1.9156	2.0176	1.8887	1.9089	2.0884	3.6998	
14	1.8077	1.8143	1.7250	1.0904	.9053	.7297		
	1.7613	1.7613	1.8707	2.6022	2.9770	3.7418		
15	.8776	.9005	.8608	.5950	F-SUB-Q			
	2.9827	2.9384	3.2081	4.8047	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.6848 * 1.3659 * 1.4492 * 1.3894 * 1.7371 * 1.3276 * 1.8156 *  .8789 *
   * 1.7304 * 2.0044 * 1.9170 * 1.9508 * 1.6751 * 2.0265 * 1.6018 * 2.7252 *
   ***********************************************************************
 9 * 1.3659 * 1.8248 * 1.5436 * 1.8641 * 1.5584 * 1.5510 * 1.8238 *  .9027 *
   * 2.0044 * 1.6482 * 1.7776 * 1.5929 * 1.7479 * 1.7423 * 1.6005 * 2.6804 *
   ***********************************************************************
10 * 1.4492 * 1.5429 * 1.5179 * 1.6061 * 1.8636 * 1.5159 * 1.7424 *  .8656 *
   * 1.9170 * 1.7782 * 1.8248 * 1.7095 * 1.6123 * 1.8237 * 1.6933 * 2.9216 *
   ***********************************************************************
11 * 1.3894 * 1.8640 * 1.6060 * 1.8455 * 1.5794 * 1.7745 * 1.1116 *  .6018 *
   * 1.9508 * 1.5929 * 1.7096 * 1.6493 * 1.7675 * 1.7018 * 2.3493 * 4.3583 *
   ***********************************************************************
12 * 1.7371 * 1.5586 * 1.8635 * 1.5794 * 1.4085 * 1.7392 *  .9426 *
   * 1.6751 * 1.7477 * 1.6124 * 1.7675 * 1.9479 * 1.7062 * 2.6764 *
   ***************************************************************
13 * 1.3276 * 1.5513 * 1.5158 * 1.7743 * 1.7392 * 1.5744 *  .7557 *
   * 2.0265 * 1.7419 * 1.8237 * 1.7021 * 1.7062 * 1.8711 * 3.3213 *
   ***************************************************************
14 * 1.8156 * 1.8241 * 1.7422 * 1.1115 *  .9424 *  .7683 *
   * 1.6018 * 1.6003 * 1.6934 * 2.3477 * 2.6765 * 3.3594 *
   *******************************************************
15 *  .8789 *  .9025 *  .8654 *  .6017 * F-SUB-Q
   * 2.7252 * 2.6829 * 2.9217 * 4.3582 * M-SUB-Q
   *************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.7326 * 1.4234 * 1.4647 * 1.3909 * 1.7236 * 1.3361 * 1.7931 *  .8858 *
   * 1.6136 * 1.8378 * 1.7580 * 1.8088 * 1.5656 * 1.8749 * 1.5039 * 2.5131 *
   ***********************************************************************
 9 * 1.4234 * 1.8398 * 1.5488 * 1.8521 * 1.5577 * 1.5446 * 1.8031 *  .9159 *
   * 1.8378 * 1.5326 * 1.6419 * 1.4855 * 1.6220 * 1.6233 * 1.5009 * 2.4555 *
   ***********************************************************************
10 * 1.4647 * 1.5481 * 1.5219 * 1.6111 * 1.8583 * 1.5208 * 1.7286 *  .8860 *
   * 1.7579 * 1.6425 * 1.6886 * 1.5794 * 1.4998 * 1.6843 * 1.5822 * 2.6525 *
   ***********************************************************************
11 * 1.3909 * 1.8520 * 1.6111 * 1.8561 * 1.5973 * 1.7880 * 1.1388 *  .6151 *
   * 1.8088 * 1.4855 * 1.5794 * 1.5243 * 1.6330 * 1.5807 * 2.1223 * 3.9628 *
   ***********************************************************************
12 * 1.7236 * 1.5578 * 1.8582 * 1.5973 * 1.4507 * 1.7778 *  .9865 *
   * 1.5656 * 1.6218 * 1.4998 * 1.6330 * 1.8097 * 1.5921 * 2.4266 *
   ***************************************************************
13 * 1.3361 * 1.5449 * 1.5208 * 1.7878 * 1.7778 * 1.6167 *  .7948 *
   * 1.8749 * 1.6229 * 1.6843 * 1.5809 * 1.5920 * 1.7420 * 3.0104 *
   ***************************************************************
14 * 1.7931 * 1.8034 * 1.7284 * 1.1388 *  .9862 *  .8079 *
   * 1.5039 * 1.5006 * 1.5824 * 2.1209 * 2.4266 * 3.0454 *
   *******************************************************
15 *  .8858 *  .9161 *  .8858 *  .6150 * F-SUB-Q
   * 2.5132 * 2.4565 * 2.6523 * 3.9630 * M-SUB-Q
   *************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7565 * 1.4184 * 1.4748 * 1.3857 * 1.7241 * 1.3219 * 1.7908 *  .8678 *
   * 1.4946 * 1.7245 * 1.6341 * 1.7053 * 1.4700 * 1.7777 * 1.4152 * 2.4167 *
   ************************************************************************
 9 * 1.4184 * 1.8509 * 1.5530 * 1.8548 * 1.5590 * 1.5425 * 1.8022 *  .8951 *
   * 1.7245 * 1.4196 * 1.5342 * 1.3909 * 1.5209 * 1.5281 * 1.4109 * 2.3670 *
   ************************************************************************
10 * 1.4748 * 1.5523 * 1.5280 * 1.6132 * 1.8648 * 1.5243 * 1.7327 *  .8623 *
   * 1.6341 * 1.5348 * 1.5762 * 1.4782 * 1.4011 * 1.5745 * 1.4821 * 2.5661 *
   ************************************************************************
11 * 1.3857 * 1.8547 * 1.6132 * 1.8639 * 1.6076 * 1.8041 * 1.1233 *  .6052 *
   * 1.7053 * 1.3909 * 1.4782 * 1.4184 * 1.5149 * 1.4622 * 2.0191 * 3.7877 *
   ************************************************************************
12 * 1.7241 * 1.5591 * 1.8647 * 1.6076 * 1.4694 * 1.8048 *  .9747 *
   * 1.4700 * 1.5207 * 1.4011 * 1.5149 * 1.6815 * 1.4782 * 2.2992 *
   ****************************************************************
13 * 1.3219 * 1.5428 * 1.5243 * 1.8039 * 1.8049 * 1.6432 *  .7896 *
   * 1.7777 * 1.5277 * 1.5744 * 1.4623 * 1.4782 * 1.6284 * 2.8766 *
   ****************************************************************
14 * 1.7908 * 1.8025 * 1.7325 * 1.1232 *  .9745 *  .8031 *
   * 1.4152 * 1.4106 * 1.4822 * 2.0178 * 2.2993 * 2.9084 *
   ********************************************************
15 *  .8678 *  .8954 *  .8621 *  .6051 * F-SUB-Q
   * 2.4167 * 2.3678 * 2.5662 * 3.7878 * M-SUB-Q
   ************************************
```

AT 50% POWER, 460 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6698 * 1.3546 * 1.4209 * 1.3237 * 1.6325 * 1.2669 * 1.6879 *  .8235 *
   * 1.4818 * 1.7054 * 1.6046 * 1.6984 * 1.4767 * 1.7680 * 1.4301 * 2.4331 *
   ************************************************************************
 9 * 1.3546 * 1.7501 * 1.4903 * 1.7488 * 1.4905 * 1.4734 * 1.6998 *  .8483 *
   * 1.7054 * 1.4231 * 1.5178 * 1.3993 * 1.5119 * 1.5239 * 1.4240 * 2.3861 *
   ************************************************************************
10 * 1.4209 * 1.4897 * 1.4652 * 1.5429 * 1.7551 * 1.4613 * 1.6380 *  .8199 *
   * 1.6046 * 1.5183 * 1.5597 * 1.4669 * 1.4108 * 1.5586 * 1.4914 * 2.5769 *
   ************************************************************************
11 * 1.3237 * 1.7488 * 1.5428 * 1.7582 * 1.5368 * 1.7099 * 1.0706 *  .5783 *
   * 1.6984 * 1.3993 * 1.4670 * 1.4248 * 1.5044 * 1.4641 * 2.0076 * 3.7812 *
   ************************************************************************
12 * 1.6325 * 1.4907 * 1.7551 * 1.5368 * 1.4103 * 1.7116 *  .9341 *
   * 1.4767 * 1.5117 * 1.4108 * 1.5043 * 1.6566 * 1.4740 * 2.2808 *
   ****************************************************************
13 * 1.2669 * 1.4738 * 1.4613 * 1.7097 * 1.7116 * 1.5601 *  .7556 *
   * 1.7680 * 1.5234 * 1.5586 * 1.4642 * 1.4740 * 1.6215 * 2.8543 *
   ****************************************************************
14 * 1.6879 * 1.7002 * 1.6379 * 1.0705 *  .9339 *  .7708 *
   * 1.4301 * 1.4237 * 1.4915 * 2.0063 * 2.2808 * 2.8775 *
   ********************************************************
15 *  .8235 *  .8485 *  .8197 *  .5782 * F-SUB-Q
   * 2.4331 * 2.3872 * 2.5769 * 3.7812 * M-SUB-Q
   ************************************
```

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 460 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3968	1.1633	1.2271	1.1337	1.3629	1.0908	1.4040	.6971
	1.6950	1.8983	1.7760	1.9040	1.6986	1.9761	1.6530	2.7742
9	1.1633	1.4812	1.2823	1.4691	1.2495	1.2577	1.4135	.7157
	1.8983	1.5988	1.6908	1.5968	1.7302	1.7173	1.6464	2.7317
10	1.2271	1.2818	1.2351	1.3209	1.4772	1.2538	1.3659	.6899
	1.7760	1.6914	1.7731	1.6420	1.6036	1.7418	1.7185	2.9550
11	1.1337	1.4690	1.3209	1.4743	1.2860	1.4224	.9022	.4988
	1.9040	1.5968	1.6420	1.6182	1.7136	1.6817	2.2873	4.2306
12	1.3629	1.2497	1.4772	1.2860	1.1810	1.4231	.7921	
	1.6986	1.7299	1.6036	1.7136	1.8999	1.7018	2.5913	
13	1.0908	1.2583	1.2538	1.4223	1.4232	1.3034	.6421	
	1.9761	1.7163	1.7417	1.6819	1.7017	1.8640	3.2368	
14	1.4040	1.4139	1.3658	.9021	.7920	.6547		
	1.6530	1.6460	1.7186	2.2858	2.5911	3.2645		
15	.6971	.7158	.6897	.4987	F-SUB-Q			
	2.7742	2.7329	2.9551	4.2306	M-SUB-Q			

AT 50% POWER, 460 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.6689	.5792	.5695	.5628	.6521	.5432	.6056	.3336
	3.3873	3.6521	3.6727	3.6970	3.4225	3.8301	3.6891	5.6037
9	.5792	.6664	.5897	.6768	.5748	.5698	.6086	.3377
	3.6521	3.3972	3.5308	3.3280	3.6145	3.6483	3.6794	5.5969
10	.5695	.5896	.5620	.6069	.6817	.5754	.5852	.3230
	3.6727	3.5317	3.7432	3.4311	3.3295	3.6468	3.8593	6.1015
11	.5628	.6768	.6069	.6808	.5798	.6399	.4353	.2422
	3.6970	3.3280	3.4311	3.3548	3.6422	3.5850	4.5663	8.4330
12	.6521	.5749	.6816	.5798	.5421	.6123	.3744	
	3.4225	3.6139	3.3295	3.6421	3.9682	3.8053	5.2826	
13	.5432	.5701	.5755	.6399	.6123	.5511	.3004	
	3.8301	3.6457	3.6464	3.5852	3.8048	4.2526	6.6959	
14	.6056	.6088	.5852	.4352	.3744	.3049		
	3.6891	3.6781	3.8593	4.5635	5.2813	6.7835		
15	.3336	.3377	.3229	.2422	F-SUB-Q			
	5.6037	5.5996	6.1009	8.4325	M-SUB-Q			

TABLE A-2

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

THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***************************************************************************
 8 * 2.8542 * 3.5208 * 3.6999 * 3.7329 * 3.0314 * 3.8072 * 3.4847 * 6.4198 *
   * 3.3676 * 4.0200 * 4.2094 * 4.2292 * 3.5449 * 4.3249 * 4.0849 * 7.1337 *
   * 3.7596 * 4.3458 * 4.5302 * 4.5553 * 3.9717 * 4.6540 * 4.4847 * 7.5756 *
   * 3.7331 * 4.1778 * 4.3520 * 4.3941 * 3.9910 * 4.4956 * 4.4493 * 7.2260 *
   * 3.3185 * 3.5916 * 3.7546 * 3.8416 * 3.6494 * 3.9436 * 4.0628 * 6.1058 *
   * 2.8306 * 3.0460 * 3.1928 * 3.2897 * 3.2003 * 3.3896 * 3.5471 * 5.0245 *
   ***************************************************************************
 9 * 3.5208 * 2.9431 * 3.5895 * 2.9898 * 3.7804 * 3.8947 * 3.4829 * 6.2721 *
   * 4.0200 * 3.4936 * 4.0895 * 3.5203 * 4.2682 * 4.3745 * 4.0839 * 6.9974 *
   * 4.3458 * 3.9005 * 4.4042 * 3.9272 * 4.5578 * 4.6649 * 4.4790 * 7.4646 *
   * 4.1778 * 3.9049 * 4.2356 * 3.9364 * 4.3715 * 4.4818 * 4.4357 * 7.1568 *
   * 3.5916 * 3.5440 * 3.6803 * 3.5939 * 3.7987 * 3.9013 * 4.0518 * 6.1089 *
   * 3.0460 * 3.0813 * 3.1541 * 3.1578 * 3.2633 * 3.3475 * 3.5592 * 5.0540 *
   ***************************************************************************
10 * 3.6999 * 3.5910 * 3.8297 * 3.6439 * 3.0636 * 3.9107 * 3.7291 * 6.7182 *
   * 4.2094 * 4.0903 * 4.3450 * 4.1089 * 3.5870 * 4.3744 * 4.3357 * 7.4737 *
   * 4.5302 * 4.4050 * 4.6696 * 4.3810 * 3.9450 * 4.6427 * 4.6810 * 7.9425 *
   * 4.3520 * 4.2364 * 4.4800 * 4.1957 * 3.9358 * 4.4387 * 4.5700 * 7.5908 *
   * 3.7546 * 3.6810 * 3.8663 * 3.6339 * 3.5713 * 3.8294 * 4.1221 * 6.4640 *
   * 3.1928 * 3.1546 * 3.2994 * 3.1256 * 3.1401 * 3.2856 * 3.6224 * 5.3378 *
   ***************************************************************************
11 * 3.7329 * 2.9896 * 3.6434 * 3.0754 * 3.9090 * 3.3215 * 4.7897 * 9.1974 *
   * 4.2292 * 3.5199 * 4.1082 * 3.6019 * 4.3872 * 3.8727 * 5.3642 *10.1274 *
   * 4.5553 * 3.9266 * 4.3803 * 3.9551 * 4.6258 * 4.2086 * 5.7316 *10.5766 *
   * 4.3941 * 3.9359 * 4.1951 * 3.9235 * 4.3937 * 4.1398 * 5.5054 * 9.8926 *
   * 3.8416 * 3.5936 * 3.6336 * 3.5550 * 3.7587 * 3.7303 * 4.7611 * 8.0277 *
   * 3.2897 * 3.1576 * 3.1255 * 3.1218 * 3.2138 * 3.2695 * 4.0364 * 6.3828 *
   ***************************************************************************
12 * 3.0314 * 3.7795 * 3.0627 * 3.9083 * 4.1621 * 3.5035 * 5.6808 *
   * 3.5449 * 4.2666 * 3.5859 * 4.3865 * 4.6127 * 4.0694 * 6.3012 *
   * 3.9717 * 4.5561 * 3.9440 * 4.6252 * 4.8185 * 4.3922 * 6.6503 *
   * 3.9910 * 4.3701 * 3.9353 * 4.3932 * 4.5408 * 4.2844 * 6.3235 *
   * 3.6494 * 3.7979 * 3.5711 * 3.7585 * 3.8118 * 3.8156 * 5.3115 *
   * 3.2003 * 3.2628 * 3.1399 * 3.2136 * 3.2072 * 3.3241 * 4.4167 *
   ***************************************************************
13 * 3.8072 * 3.8870 * 3.9080 * 3.3208 * 3.5035 * 3.9507 * 7.3570 *
   * 4.3249 * 4.3664 * 4.3717 * 3.8720 * 4.0695 * 4.5411 * 8.1164 *
   * 4.6540 * 4.6567 * 4.6402 * 4.2080 * 4.3925 * 4.8189 * 8.4681 *
   * 4.4956 * 4.4747 * 4.4366 * 4.1395 * 4.2849 * 4.6372 * 7.9611 *
   * 3.9436 * 3.8974 * 3.8281 * 3.7302 * 3.8161 * 4.0711 * 6.5625 *
   * 3.3896 * 3.3446 * 3.2849 * 3.2696 * 3.3245 * 3.5669 * 5.3688 *
   ***************************************************************
14 * 3.4847 * 3.4785 * 3.7267 * 4.7887 * 5.6828 * 7.2021 *
   * 4.0849 * 4.0795 * 4.3332 * 5.3633 * 6.3034 * 7.9455 *
   * 4.4847 * 4.4743 * 4.6788 * 5.7311 * 6.6528 * 8.3139 *
   * 4.4493 * 4.4316 * 4.5682 * 5.5054 * 6.3258 * 7.8432 *
   * 4.0628 * 4.0488 * 4.1212 * 4.7618 * 5.3140 * 6.5088 *
   * 3.5471 * 3.5569 * 3.6220 * 4.0364 * 4.4191 * 5.3356 *
   *******************************************************
15 * 6.4198 * 6.2694 * 6.7162 * 9.1949 *   4 EFPD 118 % POWER
   * 7.1337 * 6.9948 * 7.4718 *10.1250 *  50 EFPD 118 % POWER
   * 7.5756 * 7.4624 * 7.9414 *10.5749 * 125 EFPD 118 % POWER
   * 7.2260 * 7.1554 * 7.5906 * 9.8920 * 200 EFPD 118 % POWER
   * 6.1058 * 6.1093 * 6.4652 * 8.0286 * 350 EFPD 118 % POWER
   * 5.0245 * 5.0547 * 5.3386 * 6.3840 * 460 EFPD 118 % POWER
   ************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.3795 * 1.7591 * 1.7049 * 1.8617 * 1.4526 * 1.8603 * 1.4751 * 3.0661 *
   * 1.6047 * 1.9816 * 1.9133 * 2.0702 * 1.6744 * 2.0785 * 1.7133 * 3.3360 *
   * 1.8126 * 2.1421 * 2.0664 * 2.2220 * 1.8841 * 2.2374 * 1.9021 * 3.5225 *
   * 1.8558 * 2.1040 * 2.0321 * 2.1816 * 1.9351 * 2.2097 * 1.9352 * 3.4151 *
   * 1.8225 * 1.9638 * 1.9084 * 2.0574 * 1.9274 * 2.1065 * 1.9369 * 3.1147 *
   * 1.7420 * 1.8398 * 1.7931 * 1.9448 * 1.8627 * 1.9864 * 1.8589 * 2.8092 *
   ***********************************************************************
 9 * 1.7591 * 1.4195 * 1.6632 * 1.4532 * 1.7570 * 1.7541 * 1.4700 * 2.9035 *
   * 1.9816 * 1.6515 * 1.8607 * 1.6777 * 1.9451 * 1.9408 * 1.7077 * 3.1766 *
   * 2.1421 * 1.8445 * 2.0076 * 1.8678 * 2.0807 * 2.0782 * 1.8947 * 3.3735 *
   * 2.1040 * 1.8750 * 1.9733 * 1.9007 * 2.0326 * 2.0435 * 1.9261 * 3.2888 *
   * 1.9638 * 1.8374 * 1.8619 * 1.8678 * 1.9064 * 1.9383 * 1.9282 * 3.0329 *
   * 1.8398 * 1.7352 * 1.7587 * 1.7908 * 1.7984 * 1.8299 * 1.8615 * 2.7505 *
   ***********************************************************************
10 * 1.7049 * 1.6636 * 1.7241 * 1.7054 * 1.5385 * 1.7918 * 1.5536 * 3.0403 *
   * 1.9133 * 1.8610 * 1.9293 * 1.8917 * 1.7597 * 1.9759 * 1.7923 * 3.3295 *
   * 2.0664 * 2.0079 * 2.0822 * 2.0114 * 1.9225 * 2.0982 * 1.9611 * 3.5338 *
   * 2.0321 * 1.9737 * 2.0443 * 1.9614 * 1.9351 * 2.0462 * 1.9700 * 3.4432 *
   * 1.9084 * 1.8622 * 1.9191 * 1.8336 * 1.8832 * 1.9138 * 1.9532 * 3.1773 *
   * 1.7931 * 1.7590 * 1.8083 * 1.7240 * 1.7849 * 1.7948 * 1.8894 * 2.9014 *
   ***********************************************************************
11 * 1.8617 * 1.4532 * 1.7053 * 1.5353 * 1.7996 * 1.4745 * 2.2515 * 4.3952 *
   * 2.0702 * 1.6776 * 1.8913 * 1.7563 * 1.9717 * 1.7025 * 2.4865 * 4.7615 *
   * 2.2220 * 1.8677 * 2.0111 * 1.9154 * 2.0761 * 1.8691 * 2.6587 * 4.9670 *
   * 2.1816 * 1.9007 * 1.9612 * 1.9232 * 2.0098 * 1.8823 * 2.6070 * 4.7366 *
   * 2.0574 * 1.8677 * 1.8335 * 1.8635 * 1.8562 * 1.8536 * 2.4467 * 4.1615 *
   * 1.9448 * 1.7908 * 1.7240 * 1.7753 * 1.7360 * 1.7827 * 2.2817 * 3.6774 *
   ***********************************************************************
12 * 1.4526 * 1.7563 * 1.5381 * 1.7993 * 1.8762 * 1.4793 * 2.6252 *
   * 1.6744 * 1.9443 * 1.7591 * 1.9714 * 2.0542 * 1.7016 * 2.8621 *
   * 1.8841 * 2.0800 * 1.9220 * 2.0758 * 2.1602 * 1.8566 * 3.0117 *
   * 1.9351 * 2.0320 * 1.9348 * 2.0095 * 2.0903 * 1.8624 * 2.9161 *
   * 1.9274 * 1.9060 * 1.8830 * 1.8560 * 1.9263 * 1.8228 * 2.6520 *
   * 1.8627 * 1.7982 * 1.7848 * 1.7360 * 1.7946 * 1.7470 * 2.4276 *
   ***************************************************************
13 * 1.8603 * 1.7512 * 1.7907 * 1.4742 * 1.4792 * 1.6497 * 3.2063 *
   * 2.0785 * 1.9378 * 1.9747 * 1.7022 * 1.7016 * 1.8788 * 3.4950 *
   * 2.2374 * 2.0752 * 2.0971 * 1.8689 * 1.8567 * 2.0160 * 3.6593 *
   * 2.2097 * 2.0408 * 2.0452 * 1.8822 * 1.8625 * 1.9939 * 3.5201 *
   * 2.1065 * 1.9365 * 1.9135 * 1.8536 * 1.8229 * 1.9220 * 3.1632 *
   * 1.9865 * 1.8285 * 1.7947 * 1.7827 * 1.7471 * 1.8495 * 2.8581 *
   ***************************************************************
14 * 1.4751 * 1.4685 * 1.5528 * 2.2513 * 2.6260 * 3.1923 *
   * 1.7133 * 1.7060 * 1.7914 * 2.4863 * 2.8630 * 3.4770 *
   * 1.9021 * 1.8931 * 1.9603 * 2.6586 * 3.0127 * 3.6464 *
   * 1.9352 * 1.9246 * 1.9693 * 2.6072 * 2.9171 * 3.5152 *
   * 1.9369 * 1.9271 * 1.9529 * 2.4471 * 2.6531 * 3.1708 *
   * 1.8589 * 1.8605 * 1.8893 * 2.2818 * 2.4287 * 2.8686 *
   *****************************************************
15 * 3.0661 * 2.9019 * 3.0397 * 4.3942 *   4 EFPD 118 % POWER
   * 3.3360 * 3.1750 * 3.3291 * 4.7605 *  50 EFPD 118 % POWER
   * 3.5225 * 3.3721 * 3.5337 * 4.9664 * 125 EFPD 118 % POWER
   * 3.4151 * 3.2878 * 3.4435 * 4.7364 * 200 EFPD 118 % POWER
   * 3.1147 * 3.0328 * 3.1782 * 4.1620 * 350 EFPD 118 % POWER
   * 2.8092 * 2.7505 * 2.9021 * 3.6782 * 460 EFPD 118 % POWER
   ************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***************************************************************************
 8 * 1.4441 * 1.6079 * 1.4919 * 1.6704 * 1.5047 * 1.6514 * 1.4099 * 2.8255 *
   * 1.5634 * 1.7505 * 1.6415 * 1.8161 * 1.6048 * 1.7809 * 1.5668 * 2.9553 *
   * 1.6438 * 1.8438 * 1.7511 * 1.8937 * 1.6800 * 1.8759 * 1.6724 * 3.0201 *
   * 1.6199 * 1.7991 * 1.7246 * 1.8469 * 1.6620 * 1.8501 * 1.6665 * 2.8966 *
   * 1.5854 * 1.7191 * 1.6647 * 1.7846 * 1.6473 * 1.8187 * 1.6522 * 2.6787 *
   * 1.5609 * 1.6668 * 1.6200 * 1.7442 * 1.6359 * 1.7764 * 1.6228 * 2.4817 *
   ***************************************************************************
 9 * 1.6079 * 1.3747 * 1.4810 * 1.4408 * 1.5438 * 1.5274 * 1.4388 * 2.6612 *
   * 1.7505 * 1.5311 * 1.6175 * 1.6094 * 1.6614 * 1.6545 * 1.5897 * 2.7916 *
   * 1.8438 * 1.6438 * 1.7099 * 1.7210 * 1.7342 * 1.7360 * 1.6897 * 2.8620 *
   * 1.7991 * 1.6269 * 1.6771 * 1.6878 * 1.6890 * 1.7050 * 1.6598 * 2.7567 *
   * 1.7191 * 1.5936 * 1.6206 * 1.6283 * 1.6182 * 1.6669 * 1.6467 * 2.5796 *
   * 1.6668 * 1.5601 * 1.5815 * 1.5902 * 1.5796 * 1.6247 * 1.6242 * 2.3977 *
   ***************************************************************************
10 * 1.4919 * 1.4813 * 1.4654 * 1.5188 * 1.4741 * 1.5739 * 1.4175 * 2.6977 *
   * 1.6415 * 1.6177 * 1.6128 * 1.6426 * 1.6326 * 1.6924 * 1.5712 * 2.8557 *
   * 1.7511 * 1.7102 * 1.7192 * 1.7207 * 1.7275 * 1.7657 * 1.6677 * 2.9475 *
   * 1.7246 * 1.6774 * 1.6899 * 1.6641 * 1.7189 * 1.7195 * 1.6637 * 2.8500 *
   * 1.6647 * 1.6209 * 1.6336 * 1.5843 * 1.6429 * 1.6518 * 1.6657 * 2.6753 *
   * 1.6200 * 1.5817 * 1.5964 * 1.5408 * 1.5898 * 1.6058 * 1.6550 * 2.5087 *
   ***************************************************************************
11 * 1.6704 * 1.4409 * 1.5187 * 1.4547 * 1.5720 * 1.5209 * 2.0093 * 3.8970 *
   * 1.8161 * 1.6094 * 1.6425 * 1.6283 * 1.6799 * 1.6389 * 2.1434 * 4.1131 *
   * 1.8937 * 1.7209 * 1.7206 * 1.7429 * 1.7332 * 1.6809 * 2.2271 * 4.2139 *
   * 1.8469 * 1.6876 * 1.6639 * 1.7268 * 1.6670 * 1.6290 * 2.1663 * 4.0165 *
   * 1.7846 * 1.6282 * 1.5842 * 1.6283 * 1.5723 * 1.5861 * 2.0653 * 3.6231 *
   * 1.7442 * 1.5901 * 1.5408 * 1.5723 * 1.5219 * 1.5582 * 1.9755 * 3.3022 *
   ***************************************************************************
12 * 1.5047 * 1.5422 * 1.4731 * 1.5719 * 1.5893 * 1.4659 * 2.4140 *
   * 1.6048 * 1.6597 * 1.6320 * 1.6798 * 1.7027 * 1.6038 * 2.5263 *
   * 1.6800 * 1.7335 * 1.7270 * 1.7330 * 1.7649 * 1.6706 * 2.5634 *
   * 1.6620 * 1.6885 * 1.7186 * 1.6667 * 1.7116 * 1.6136 * 2.4505 *
   * 1.6473 * 1.6179 * 1.6427 * 1.5722 * 1.6332 * 1.5584 * 2.2554 *
   * 1.6359 * 1.5793 * 1.5897 * 1.5218 * 1.5852 * 1.5313 * 2.1153 *
   ***************************************************************
13 * 1.6514 * 1.5245 * 1.5728 * 1.5205 * 1.4657 * 1.3962 * 2.7874 *
   * 1.7809 * 1.6515 * 1.6912 * 1.6385 * 1.6036 * 1.5499 * 2.9596 *
   * 1.8759 * 1.7336 * 1.7646 * 1.6807 * 1.6705 * 1.6366 * 3.0402 *
   * 1.8501 * 1.7030 * 1.7187 * 1.6288 * 1.6136 * 1.6192 * 2.9229 *
   * 1.8187 * 1.6654 * 1.6513 * 1.5860 * 1.5584 * 1.6155 * 2.6974 *
   * 1.7764 * 1.6237 * 1.6057 * 1.5582 * 1.5313 * 1.6136 * 2.5142 *
   ***************************************************************
14 * 1.4099 * 1.4370 * 1.4166 * 2.0092 * 2.4145 * 2.7413 *
   * 1.5668 * 1.5878 * 1.5703 * 2.1433 * 2.5268 * 2.9097 *
   * 1.6724 * 1.6880 * 1.6669 * 2.2271 * 2.5639 * 2.9963 *
   * 1.6665 * 1.6584 * 1.6630 * 2.1665 * 2.4510 * 2.8859 *
   * 1.6522 * 1.6458 * 1.6655 * 2.0656 * 2.2561 * 2.6799 *
   * 1.6228 * 1.6235 * 1.6549 * 1.9756 * 2.1160 * 2.5019 *
   *******************************************************
15 * 2.8255 * 2.6597 * 2.6971 * 3.8960 *   4 EFPD 118 % POWER
   * 2.9553 * 2.7902 * 2.8552 * 4.1121 *  50 EFPD 118 % POWER
   * 3.0201 * 2.8608 * 2.9473 * 4.2133 * 125 EFPD 118 % POWER
   * 2.8966 * 2.7558 * 2.8500 * 4.0163 * 200 EFPD 118 % POWER
   * 2.6787 * 2.5795 * 2.6760 * 3.6235 * 350 EFPD 118 % POWER
   * 2.4817 * 2.3975 * 2.5092 * 3.3028 * 460 EFPD 118 % POWER
   ************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.3795 * 1.5777 * 1.4234 * 1.6133 * 1.4382 * 1.5823 * 1.3283 * 2.8255 *
   * 1.4635 * 1.6744 * 1.5427 * 1.7240 * 1.4790 * 1.6682 * 1.4340 * 2.8847 *
   * 1.4959 * 1.7294 * 1.6282 * 1.7604 * 1.5117 * 1.7311 * 1.4998 * 2.8715 *
   * 1.4648 * 1.6815 * 1.6022 * 1.7109 * 1.4888 * 1.7108 * 1.4840 * 2.7385 *
   * 1.4648 * 1.6317 * 1.5756 * 1.6810 * 1.5095 * 1.7148 * 1.5027 * 2.5619 *
   * 1.4775 * 1.6131 * 1.5645 * 1.6744 * 1.5301 * 1.7034 * 1.5061 * 2.4071 *
   ***********************************************************************
 9 * 1.5777 * 1.3091 * 1.4126 * 1.3642 * 1.4747 * 1.4455 * 1.3534 * 2.6612 *
   * 1.6744 * 1.4387 * 1.5174 * 1.4899 * 1.5516 * 1.5283 * 1.4526 * 2.7277 *
   * 1.7294 * 1.5059 * 1.5831 * 1.5613 * 1.5987 * 1.5800 * 1.5073 * 2.7251 *
   * 1.6815 * 1.4814 * 1.5502 * 1.5196 * 1.5536 * 1.5547 * 1.4775 * 2.6127 *
   * 1.6317 * 1.4756 * 1.5251 * 1.4850 * 1.5148 * 1.5507 * 1.4957 * 2.4680 *
   * 1.6131 * 1.4774 * 1.5209 * 1.4847 * 1.5103 * 1.5390 * 1.5058 * 2.3328 *
   ***********************************************************************
10 * 1.4234 * 1.4129 * 1.3880 * 1.4494 * 1.3958 * 1.4928 * 1.3244 * 2.6820 *
   * 1.5427 * 1.5176 * 1.5064 * 1.5417 * 1.5150 * 1.5729 * 1.4298 * 2.7606 *
   * 1.6282 * 1.5833 * 1.5867 * 1.5895 * 1.5723 * 1.6181 * 1.4908 * 2.7919 *
   * 1.6022 * 1.5504 * 1.5598 * 1.5312 * 1.5495 * 1.5770 * 1.4864 * 2.6940 *
   * 1.5756 * 1.5253 * 1.5356 * 1.4819 * 1.4925 * 1.5472 * 1.5207 * 2.5696 *
   * 1.5645 * 1.5211 * 1.5325 * 1.4719 * 1.4780 * 1.5342 * 1.5462 * 2.4445 *
   ***********************************************************************
11 * 1.6133 * 1.3642 * 1.4494 * 1.3785 * 1.4947 * 1.4462 * 1.9764 * 3.8805 *
   * 1.7240 * 1.4899 * 1.5415 * 1.5092 * 1.5641 * 1.5107 * 2.0518 * 3.9942 *
   * 1.7604 * 1.5611 * 1.5894 * 1.5851 * 1.5815 * 1.5074 * 2.0887 * 4.0209 *
   * 1.7109 * 1.5195 * 1.5310 * 1.5547 * 1.5255 * 1.4497 * 2.0246 * 3.8261 *
   * 1.6810 * 1.4849 * 1.4818 * 1.4789 * 1.4643 * 1.4419 * 1.9675 * 3.5115 *
   * 1.6744 * 1.4847 * 1.4719 * 1.4654 * 1.4491 * 1.4545 * 1.9210 * 3.2616 *
   ***********************************************************************
12 * 1.4382 * 1.4728 * 1.3947 * 1.4945 * 1.5038 * 1.3894 * 2.4140 *
   * 1.4790 * 1.5498 * 1.5138 * 1.5639 * 1.5785 * 1.4726 * 2.4634 *
   * 1.5117 * 1.5980 * 1.5718 * 1.5812 * 1.6108 * 1.4856 * 2.4375 *
   * 1.4888 * 1.5531 * 1.5491 * 1.5253 * 1.5585 * 1.4273 * 2.3147 *
   * 1.5095 * 1.5145 * 1.4923 * 1.4642 * 1.5231 * 1.4146 * 2.1650 *
   * 1.5301 * 1.5101 * 1.4779 * 1.4490 * 1.5125 * 1.4266 * 2.0746 *
   ***************************************************************
13 * 1.5823 * 1.4425 * 1.4916 * 1.4458 * 1.3892 * 1.2827 * 2.7211 *
   * 1.6682 * 1.5258 * 1.5718 * 1.5103 * 1.4724 * 1.3899 * 2.8230 *
   * 1.7311 * 1.5778 * 1.6170 * 1.5071 * 1.4855 * 1.4466 * 2.8558 *
   * 1.7108 * 1.5529 * 1.5762 * 1.4495 * 1.4273 * 1.4345 * 2.7457 *
   * 1.7148 * 1.5495 * 1.5468 * 1.4419 * 1.4146 * 1.4714 * 2.5930 *
   * 1.7034 * 1.5382 * 1.5341 * 1.4545 * 1.4266 * 1.5063 * 2.4734 *
   ***************************************************************
14 * 1.3283 * 1.3516 * 1.3235 * 1.9761 * 2.4145 * 2.6704 *
   * 1.4340 * 1.4508 * 1.4289 * 2.0515 * 2.4635 * 2.7690 *
   * 1.4998 * 1.5058 * 1.4901 * 2.0886 * 2.4378 * 2.8063 *
   * 1.4840 * 1.4762 * 1.4858 * 2.0247 * 2.3150 * 2.7041 *
   * 1.5027 * 1.4949 * 1.5205 * 1.9679 * 2.1655 * 2.5657 *
   * 1.5061 * 1.5053 * 1.5461 * 1.9211 * 2.0751 * 2.4519 *
   *******************************************************
15 * 2.8255 * 2.6597 * 2.6815 * 3.8792 *   4 EFPD 118 % POWER
   * 2.8847 * 2.7261 * 2.7601 * 3.9931 *  50 EFPD 118 % POWER
   * 2.8715 * 2.7238 * 2.7918 * 4.0202 * 125 EFPD 118 % POWER
   * 2.7385 * 2.6117 * 2.6942 * 3.8258 * 200 EFPD 118 % POWER
   * 2.5619 * 2.4679 * 2.5703 * 3.5118 * 350 EFPD 118 % POWER
   * 2.4071 * 2.3329 * 2.4451 * 3.2622 * 460 EFPD 118 % POWER
   *************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4057	1.6081	1.4413	1.6389	1.4386	1.5986	1.3235	2.9166
	1.4477	1.6812	1.5435	1.7194	1.4494	1.6565	1.4011	2.8793
	1.4574	1.7158	1.6149	1.7333	1.4599	1.7017	1.4477	2.8210
	1.4268	1.6651	1.5888	1.6853	1.4430	1.6860	1.4305	2.6924
	1.4522	1.6361	1.5826	1.6733	1.4868	1.7134	1.4739	2.5486
	1.4858	1.6373	1.5906	1.6759	1.5226	1.7146	1.4927	2.4135
9	1.6081	1.3148	1.4253	1.3673	1.4881	1.4506	1.3457	2.7365
	1.6812	1.4294	1.5105	1.4708	1.5387	1.5030	1.4162	2.7147
	1.7158	1.4748	1.5611	1.5134	1.5684	1.5380	1.4466	2.6720
	1.6651	1.4486	1.5289	1.4711	1.5229	1.5192	1.4226	2.5642
	1.6361	1.4627	1.5212	1.4537	1.5006	1.5375	1.4658	2.4556
	1.6374	1.4758	1.5366	1.4740	1.5139	1.5370	1.4903	2.3347
10	1.4413	1.4256	1.3994	1.4621	1.3965	1.4988	1.3139	2.7219
	1.5435	1.5108	1.5015	1.5326	1.4891	1.5542	1.3923	2.7442
	1.6149	1.5614	1.5647	1.5592	1.5260	1.5820	1.4368	2.7390
	1.5888	1.5292	1.5381	1.4995	1.5005	1.5446	1.4352	2.6468
	1.5826	1.5215	1.5322	1.4691	1.4568	1.5373	1.4917	2.5540
	1.5906	1.5369	1.5485	1.4794	1.4690	1.5485	1.5357	2.4430
11	1.6389	1.3674	1.4620	1.3817	1.5018	1.4418	1.9942	3.9805
	1.7194	1.4708	1.5325	1.4892	1.5435	1.4742	2.0298	4.0146
	1.7333	1.5132	1.5589	1.5364	1.5387	1.4470	2.0384	3.9876
	1.6853	1.4709	1.4993	1.5006	1.4863	1.3895	1.9782	3.7970
	1.6733	1.4536	1.4690	1.4426	1.4511	1.4136	1.9556	3.5266
	1.6759	1.4739	1.4794	1.4573	1.4579	1.4515	1.9334	3.3109
12	1.4386	1.4860	1.3953	1.5016	1.5101	1.3766	2.4666	
	1.4494	1.5369	1.4878	1.5432	1.5581	1.4341	2.4447	
	1.4599	1.5677	1.5255	1.5384	1.5651	1.4190	2.3790	
	1.4430	1.5224	1.5001	1.4861	1.5177	1.3640	2.2605	
	1.4868	1.5003	1.4567	1.4509	1.5134	1.3856	2.1547	
	1.5226	1.5137	1.4690	1.4578	1.5253	1.4217	2.0947	
13	1.5986	1.4480	1.4976	1.4414	1.3766	1.2594	2.7394	
	1.6565	1.5006	1.5530	1.4736	1.4338	1.3404	2.7894	
	1.7017	1.5359	1.5809	1.4467	1.4187	1.3815	2.7885	
	1.6860	1.5174	1.5438	1.3893	1.3639	1.3763	2.6874	
	1.7134	1.5363	1.5369	1.4136	1.3855	1.4445	2.5875	
	1.7146	1.5363	1.5484	1.4515	1.4216	1.5031	2.4955	
14	1.3235	1.3439	1.3129	1.9937	2.4664	2.6854		
	1.4011	1.4144	1.3913	2.0293	2.4446	2.7329		
	1.4477	1.4450	1.4359	2.0381	2.3791	2.7384		
	1.4305	1.4215	1.4346	1.9782	2.2607	2.6447		
	1.4739	1.4651	1.4915	1.9559	2.1550	2.5584		
	1.4927	1.4898	1.5357	1.9333	2.0951	2.4741		
15	2.9166	2.7350	2.7212	3.9789	4 EFPD 118 % POWER			
	2.8793	2.7133	2.7435	4.0132	50 EFPD 118 % POWER			
	2.8210	2.6709	2.7388	3.9866	125 EFPD 118 % POWER			
	2.6924	2.5635	2.6469	3.7966	200 EFPD 118 % POWER			
	2.5486	2.4554	2.5547	3.5269	350 EFPD 118 % POWER			
	2.4135	2.3346	2.4436	3.3114	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4568	1.6726	1.4937	1.7001	1.4790	1.6510	1.3555	3.0105
	1.4790	1.7294	1.5852	1.7587	1.4686	1.6883	1.4142	2.9224
	1.4738	1.7510	1.6474	1.7569	1.4647	1.7226	1.4491	2.8361
	1.4430	1.6990	1.6227	1.7108	1.4538	1.7133	1.4322	2.7151
	1.4795	1.6756	1.6191	1.7101	1.5134	1.7570	1.4947	2.5936
	1.5241	1.6853	1.6365	1.7128	1.5529	1.7595	1.5178	2.4587
9	1.6726	1.3574	1.4722	1.4085	1.5353	1.4873	1.3760	2.8193
	1.7294	1.4645	1.5446	1.4982	1.5682	1.5201	1.4271	2.7512
	1.7510	1.4963	1.5853	1.5212	1.5861	1.5453	1.4420	2.6807
	1.6991	1.4690	1.5547	1.4774	1.5409	1.5337	1.4237	2.5771
	1.6756	1.4896	1.5530	1.4710	1.5290	1.5669	1.4854	2.4986
	1.6853	1.5077	1.5675	1.4922	1.5428	1.5679	1.5134	2.3774
10	1.4937	1.4726	1.4448	1.5086	1.4350	1.5408	1.3415	2.8037
	1.5852	1.5449	1.5352	1.5642	1.5099	1.5779	1.4017	2.7831
	1.6474	1.5856	1.5887	1.5746	1.5339	1.5941	1.4361	2.7509
	1.6227	1.5551	1.5618	1.5154	1.5053	1.5610	1.4397	2.6645
	1.6191	1.5533	1.5625	1.4930	1.4656	1.5640	1.5108	2.5864
	1.6364	1.5678	1.5829	1.5059	1.4937	1.5781	1.5546	2.4678
11	1.7001	1.4085	1.5085	1.4224	1.5434	1.4762	2.0463	4.1351
	1.7587	1.4982	1.5641	1.5151	1.5628	1.4858	2.0522	4.1073
	1.7569	1.5210	1.5743	1.5403	1.5445	1.4395	2.0416	4.0415
	1.7108	1.4772	1.5152	1.4989	1.4961	1.3866	1.9870	3.8586
	1.7101	1.4709	1.4929	1.4536	1.4738	1.4332	1.9770	3.6032
	1.7128	1.4921	1.5059	1.4834	1.4945	1.4860	1.9662	3.3746
12	1.4790	1.5330	1.4337	1.5432	1.5509	1.3996	2.5315	
	1.4686	1.5662	1.5086	1.5624	1.5794	1.4429	2.4692	
	1.4647	1.5853	1.5333	1.5442	1.5692	1.4090	2.3792	
	1.4538	1.5404	1.5048	1.4958	1.5269	1.3587	2.2683	
	1.5134	1.5287	1.4654	1.4736	1.5473	1.4059	2.1919	
	1.5529	1.5426	1.4936	1.4944	1.5732	1.4570	2.1433	
13	1.6510	1.4845	1.5394	1.4757	1.3995	1.2768	2.8066	
	1.6883	1.5175	1.5765	1.4852	1.4426	1.3402	2.8158	
	1.7226	1.5431	1.5930	1.4392	1.4088	1.3721	2.7923	
	1.7133	1.5319	1.5602	1.3864	1.3585	1.3744	2.6985	
	1.7570	1.5659	1.5636	1.4332	1.4059	1.4681	2.6328	
	1.7595	1.5673	1.5778	1.4860	1.4569	1.5416	2.5592	
14	1.3555	1.3741	1.3404	2.0456	2.5310	2.7505		
	1.4142	1.4252	1.4006	2.0515	2.4688	2.7592		
	1.4491	1.4404	1.4352	2.0411	2.3790	2.7422		
	1.4322	1.4225	1.4392	1.9868	2.2683	2.6571		
	1.4947	1.4847	1.5107	1.9772	2.1921	2.6076		
	1.5178	1.5129	1.5546	1.9660	2.1436	2.5401		
15	3.0105	2.8175	2.8027	4.1331	4 EFPD 118 % POWER			
	2.9224	2.7496	2.7821	4.1055	50 EFPD 118 % POWER			
	2.8361	2.6795	2.7505	4.0402	125 EFPD 118 % POWER			
	2.7151	2.5763	2.6645	3.8580	200 EFPD 118 % POWER			
	2.5936	2.4983	2.5871	3.6034	350 EFPD 118 % POWER			
	2.4587	2.3774	2.4682	3.3750	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5155	1.7516	1.5540	1.7712	1.5274	1.7125	1.3913	3.1568
	1.5244	1.7989	1.6392	1.8140	1.4994	1.7362	1.4360	3.0280
	1.5067	1.8097	1.6966	1.8022	1.4852	1.7643	1.4594	2.9177
	1.4779	1.7584	1.6754	1.7610	1.4812	1.7637	1.4491	2.8043
	1.5143	1.7311	1.6726	1.7680	1.5529	1.8204	1.5254	2.6950
	1.5581	1.7351	1.6734	1.7646	1.5900	1.8174	1.5465	2.5473
9	1.7516	1.4053	1.5269	1.4547	1.5893	1.5309	1.4117	2.9622
	1.7989	1.5051	1.5909	1.5353	1.6099	1.5492	1.4481	2.8557
	1.8097	1.5338	1.6257	1.5441	1.6211	1.5687	1.4514	2.7630
	1.7584	1.5074	1.5985	1.5001	1.5781	1.5656	1.4396	2.6705
	1.7311	1.5237	1.6012	1.5003	1.5742	1.6112	1.5149	2.5991
	1.7351	1.5317	1.6067	1.5181	1.5819	1.6077	1.5402	2.4665
10	1.5540	1.5273	1.4969	1.5625	1.4782	1.5901	1.3751	2.9428
	1.6392	1.5912	1.5797	1.6080	1.5407	1.6139	1.4214	2.8880
	1.6966	1.6260	1.6281	1.6074	1.5577	1.6231	1.4490	2.8377
	1.6754	1.5989	1.6033	1.5503	1.5228	1.5962	1.4584	2.7617
	1.6726	1.6016	1.6094	1.5338	1.4907	1.6067	1.5411	2.7005
	1.6735	1.6071	1.6211	1.5401	1.5098	1.6131	1.5782	2.5697
11	1.7712	1.4548	1.5624	1.4681	1.5936	1.5171	2.1387	4.3672
	1.8140	1.5353	1.6078	1.5509	1.5960	1.5101	2.1217	4.2881
	1.8022	1.5439	1.6070	1.5608	1.5689	1.4486	2.0972	4.1931
	1.7610	1.4998	1.5501	1.5164	1.5258	1.4008	2.0497	4.0177
	1.7680	1.5002	1.5338	1.4770	1.5095	1.4561	2.0481	3.7654
	1.7646	1.5180	1.5401	1.5053	1.5279	1.5122	2.0188	3.4994
12	1.5274	1.5868	1.4768	1.5934	1.6006	1.4327	2.6635	
	1.4994	1.6077	1.5393	1.5955	1.6145	1.4630	2.5663	
	1.4852	1.6202	1.5571	1.5685	1.5902	1.4160	2.4530	
	1.4811	1.5775	1.5223	1.5256	1.5558	1.3706	2.3450	
	1.5529	1.5738	1.4905	1.5093	1.5834	1.4268	2.2717	
	1.5900	1.5817	1.5098	1.5279	1.6159	1.4850	2.2313	
13	1.7125	1.5279	1.5885	1.5166	1.4326	1.3039	2.9369	
	1.7362	1.5465	1.6125	1.5095	1.4628	1.3540	2.9147	
	1.7643	1.5664	1.6219	1.4482	1.4157	1.3799	2.8746	
	1.7637	1.5638	1.5954	1.4006	1.3704	1.3904	2.7931	
	1.8204	1.6102	1.6065	1.4560	1.4267	1.4941	2.7368	
	1.8174	1.6071	1.6129	1.5122	1.4849	1.5745	2.6684	
14	1.3913	1.4096	1.3738	2.1377	2.6629	2.8774		
	1.4360	1.4461	1.4202	2.1207	2.5658	2.8553		
	1.4594	1.4498	1.4481	2.0965	2.4528	2.8215		
	1.4491	1.4384	1.4578	2.0494	2.3449	2.7470		
	1.5254	1.5142	1.5409	2.0482	2.2719	2.7085		
	1.5465	1.5398	1.5782	2.0185	2.2316	2.6453		
15	3.1568	2.9604	2.9415	4.3647	4 EFPD 118 % POWER			
	3.0280	2.8541	2.8869	4.2859	50 EFPD 118 % POWER			
	2.9177	2.7619	2.8371	4.1916	125 EFPD 118 % POWER			
	2.8043	2.6697	2.7617	4.0169	200 EFPD 118 % POWER			
	2.6950	2.5989	2.7012	3.7655	350 EFPD 118 % POWER			
	2.5473	2.4664	2.5703	3.4999	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6077	1.8579	1.6407	1.8680	1.5991	1.7964	1.4493	3.3165
	1.6109	1.9063	1.7260	1.9033	1.5626	1.8161	1.4890	3.1637
	1.5835	1.9098	1.7816	1.8831	1.5414	1.8405	1.5047	3.0351
	1.5560	1.8589	1.7645	1.8470	1.5439	1.8492	1.5008	2.9310
	1.5900	1.8252	1.7596	1.8569	1.6241	1.9143	1.5864	2.8189
	1.6115	1.8034	1.7415	1.8426	1.6543	1.9001	1.6006	2.6532
9	1.8579	1.4793	1.6069	1.5275	1.6666	1.5971	1.4704	3.1171
	1.9063	1.5790	1.6685	1.6054	1.6826	1.6087	1.5006	2.9894
	1.9098	1.6108	1.6999	1.6036	1.6900	1.6248	1.4957	2.8792
	1.8589	1.5850	1.6766	1.5601	1.6495	1.6300	1.4903	2.7957
	1.8252	1.5913	1.6801	1.5625	1.6489	1.6837	1.5748	2.7236
	1.8034	1.5811	1.6727	1.5726	1.6465	1.6702	1.5928	2.5724
10	1.6408	1.6074	1.5746	1.6424	1.5472	1.6650	1.4330	3.0970
	1.7260	1.6689	1.6551	1.6833	1.6047	1.6817	1.4721	3.0259
	1.7816	1.7004	1.7012	1.6741	1.6148	1.6866	1.4955	2.9600
	1.7645	1.6770	1.6796	1.6191	1.5796	1.6660	1.5120	2.8930
	1.7596	1.6805	1.6877	1.6045	1.5496	1.6805	1.6031	2.8344
	1.7415	1.6731	1.6869	1.6004	1.5569	1.6746	1.6298	2.6780
11	1.8680	1.5276	1.6423	1.5418	1.6762	1.5913	2.2532	4.6181
	1.9033	1.6054	1.6831	1.6192	1.6649	1.5696	2.2202	4.5138
	1.8831	1.6034	1.6737	1.6205	1.6303	1.4959	2.1850	4.3944
	1.8470	1.5598	1.6189	1.5742	1.5925	1.4526	2.1444	4.2270
	1.8569	1.5624	1.6044	1.5358	1.5774	1.5149	2.1459	3.9651
	1.8426	1.5726	1.6004	1.5507	1.5803	1.5561	2.0925	3.6499
12	1.5991	1.6639	1.5456	1.6760	1.6847	1.4995	2.8234	
	1.5626	1.6802	1.6032	1.6644	1.6826	1.5183	2.6953	
	1.5414	1.6890	1.6143	1.6299	1.6514	1.4621	2.5622	
	1.5439	1.6489	1.5792	1.5923	1.6238	1.4209	2.4588	
	1.6241	1.6486	1.5495	1.5772	1.6576	1.4837	2.3838	
	1.6543	1.6463	1.5569	1.5802	1.6711	1.5280	2.3059	
13	1.7964	1.5938	1.6633	1.5907	1.4994	1.3617	3.1065	
	1.8161	1.6057	1.6801	1.5688	1.5182	1.4025	3.0572	
	1.8405	1.6224	1.6853	1.4955	1.4618	1.4248	3.0030	
	1.8492	1.6282	1.6651	1.4524	1.4208	1.4438	2.9312	
	1.9143	1.6826	1.6804	1.5148	1.4836	1.5542	2.8724	
	1.9001	1.6695	1.6744	1.5562	1.5279	1.6234	2.7684	
14	1.4493	1.4681	1.4316	2.2520	2.8226	3.0439		
	1.4890	1.4983	1.4708	2.2190	2.6947	2.9953		
	1.5047	1.4940	1.4945	2.1842	2.5619	2.9476		
	1.5008	1.4891	1.5114	2.1440	2.4586	2.8826		
	1.5864	1.5741	1.6029	2.1460	2.3840	2.8428		
	1.6006	1.5923	1.6298	2.0922	2.3062	2.7441		
15	3.3165	3.1151	3.0954	4.6153	4 EFPD 118 % POWER			
	3.1637	2.9877	3.0245	4.5112	50 EFPD 118 % POWER			
	3.0351	2.8780	2.9592	4.3927	125 EFPD 118 % POWER			
	2.9310	2.7949	2.8928	4.2261	200 EFPD 118 % POWER			
	2.8189	2.7234	2.8351	3.9652	350 EFPD 118 % POWER			
	2.6532	2.5723	2.6786	3.6503	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7126	1.9748	1.7365	1.9738	1.6778	1.8895	1.5137	3.5021
	1.7192	2.0345	1.8265	2.0024	1.6331	1.9048	1.5486	3.3222
	1.6853	2.0347	1.8831	1.9799	1.6099	1.9303	1.5624	3.1801
	1.6655	1.9925	1.8778	1.9605	1.6269	1.9607	1.5713	3.1021
	1.6935	1.9465	1.8634	1.9608	1.7058	2.0187	1.6555	2.9711
	1.7010	1.9077	1.8349	1.9445	1.7365	2.0047	1.6693	2.7970
9	1.9748	1.5597	1.6956	1.6074	1.7529	1.6724	1.5368	3.3012
	2.0345	1.6637	1.7592	1.6868	1.7656	1.6796	1.5628	3.1493
	2.0347	1.7061	1.7903	1.6781	1.7741	1.6964	1.5540	3.0269
	1.9925	1.6883	1.7779	1.6411	1.7446	1.7165	1.5600	2.9682
	1.9465	1.6780	1.7739	1.6396	1.7389	1.7664	1.6439	2.8752
	1.9077	1.6550	1.7604	1.6453	1.7314	1.7503	1.6603	2.7188
10	1.7365	1.6962	1.6607	1.7314	1.6242	1.7494	1.4986	3.2796
	1.8265	1.7597	1.7437	1.7724	1.6799	1.7635	1.5344	3.1874
	1.8831	1.7908	1.7905	1.7585	1.6901	1.7677	1.5566	3.1129
	1.8778	1.7784	1.7790	1.7115	1.6585	1.7592	1.5850	3.0741
	1.8634	1.7744	1.7831	1.6931	1.6278	1.7743	1.6778	2.9926
	1.8349	1.7608	1.7745	1.6818	1.6246	1.7566	1.6980	2.8284
11	1.9738	1.6075	1.7312	1.6218	1.7702	1.6736	2.3892	4.9174
	2.0024	1.6868	1.7722	1.7022	1.7548	1.6448	2.3463	4.7832
	1.9799	1.6778	1.7581	1.7006	1.7158	1.5641	2.3053	4.6522
	1.9605	1.6408	1.7112	1.6549	1.6862	1.5272	2.2788	4.5207
	1.9608	1.6395	1.6930	1.6155	1.6684	1.5953	2.2768	4.2118
	1.9445	1.6453	1.6818	1.6195	1.6579	1.6231	2.2026	3.8655
12	1.6778	1.7499	1.6225	1.7699	1.7850	1.5802	3.0102	
	1.6331	1.7630	1.6782	1.7543	1.7794	1.5958	2.8688	
	1.6099	1.7731	1.6895	1.7154	1.7430	1.5303	2.7201	
	1.6269	1.7439	1.6580	1.6858	1.7235	1.4947	2.6253	
	1.7058	1.7386	1.6276	1.6683	1.7619	1.5630	2.5422	
	1.7365	1.7312	1.6246	1.6578	1.7554	1.5910	2.4283	
13	1.8895	1.6690	1.7475	1.6729	1.5801	1.4323	3.3114	
	1.9048	1.6766	1.7618	1.6440	1.5957	1.4710	3.2518	
	1.9303	1.6938	1.7663	1.5636	1.5299	1.4918	3.1876	
	1.9607	1.7146	1.7583	1.5269	1.4945	1.5205	3.1295	
	2.0187	1.7653	1.7739	1.5953	1.5629	1.6379	3.0688	
	2.0047	1.7497	1.7565	1.6232	1.5909	1.6874	2.9143	
14	1.5137	1.5344	1.4971	2.3878	3.0092	3.2442		
	1.5486	1.5605	1.5330	2.3449	2.8679	3.1851		
	1.5624	1.5522	1.5556	2.3044	2.7197	3.1279		
	1.5713	1.5587	1.5843	2.2783	2.6251	3.0764		
	1.6555	1.6432	1.6777	2.2768	2.5424	3.0321		
	1.6693	1.6598	1.6980	2.2023	2.4286	2.8915		
15	3.5021	3.2991	3.2779	4.9141	4 EFPD 118 % POWER			
	3.3222	3.1476	3.1859	4.7803	50 EFPD 118 % POWER			
	3.1801	3.0253	3.1120	4.6502	125 EFPD 118 % POWER			
	3.1021	2.9670	3.0739	4.5196	200 EFPD 118 % POWER			
	2.9711	2.8756	2.9932	4.2118	350 EFPD 118 % POWER			
	2.7970	2.7195	2.8289	3.8659	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

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      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.8588 * 2.1301 * 1.8674 * 2.1206 * 1.8002 * 2.0215 * 1.6201 * 3.6772 *
   * 1.8628 * 2.1923 * 1.9593 * 2.1422 * 1.7476 * 2.0301 * 1.6509 * 3.4728 *
   * 1.8261 * 2.1910 * 2.0191 * 2.1130 * 1.7212 * 2.0564 * 1.6619 * 3.3221 *
   * 1.8114 * 2.1541 * 2.0227 * 2.0997 * 1.7500 * 2.0973 * 1.6825 * 3.2545 *
   * 1.8359 * 2.0986 * 2.0086 * 2.1072 * 1.8384 * 2.1688 * 1.7754 * 3.1283 *
   * 1.8456 * 2.0443 * 1.9797 * 2.0919 * 1.8736 * 2.1546 * 1.7904 * 2.9512 *
   ***********************************************************************
 9 * 2.1301 * 1.6791 * 1.8191 * 1.7271 * 1.8768 * 1.7840 * 1.6430 * 3.4505 *
   * 2.1923 * 1.7861 * 1.8818 * 1.8072 * 1.8841 * 1.7845 * 1.6639 * 3.2742 *
   * 2.1910 * 1.8426 * 1.9140 * 1.7954 * 1.8930 * 1.8017 * 1.6522 * 3.1398 *
   * 2.1541 * 1.8302 * 1.9108 * 1.7668 * 1.8723 * 1.8347 * 1.6710 * 3.0969 *
   * 2.0986 * 1.8074 * 1.9063 * 1.7645 * 1.8679 * 1.8911 * 1.7620 * 3.0202 *
   * 2.0443 * 1.7837 * 1.8940 * 1.7728 * 1.8626 * 1.8740 * 1.7798 * 2.8561 *
   ***********************************************************************
10 * 1.8674 * 1.8198 * 1.7814 * 1.8556 * 1.7406 * 1.8696 * 1.6012 * 3.4434 *
   * 1.9593 * 1.8823 * 1.8648 * 1.8943 * 1.7945 * 1.8791 * 1.6342 * 3.3299 *
   * 2.0191 * 1.9145 * 1.9135 * 1.8770 * 1.8085 * 1.8831 * 1.6575 * 3.2445 *
   * 2.0227 * 1.9113 * 1.9129 * 1.8386 * 1.7852 * 1.8883 * 1.7021 * 3.2111 *
   * 2.0086 * 1.9068 * 1.9170 * 1.8170 * 1.7458 * 1.9022 * 1.7988 * 3.1330 *
   * 1.9797 * 1.8946 * 1.9109 * 1.8080 * 1.7481 * 1.8855 * 1.8208 * 2.9549 *
   ***********************************************************************
11 * 2.1206 * 1.7272 * 1.8555 * 1.7433 * 1.9042 * 1.8036 * 2.5189 * 5.1910 *
   * 2.1422 * 1.8071 * 1.8941 * 1.8242 * 1.8817 * 1.7622 * 2.4652 * 5.0265 *
   * 2.1130 * 1.7951 * 1.8765 * 1.8200 * 1.8384 * 1.6781 * 2.4200 * 4.8804 *
   * 2.0997 * 1.7665 * 1.8383 * 1.7859 * 1.8174 * 1.6551 * 2.4092 * 4.7593 *
   * 2.1072 * 1.7644 * 1.8169 * 1.7358 * 1.7917 * 1.7188 * 2.3999 * 4.4488 *
   * 2.0919 * 1.7728 * 1.8080 * 1.7402 * 1.7816 * 1.7450 * 2.3204 * 4.0803 *
   ***********************************************************************
12 * 1.8002 * 1.8736 * 1.7388 * 1.9039 * 1.9234 * 1.7076 * 3.1714 *
   * 1.7476 * 1.8813 * 1.7926 * 1.8811 * 1.9130 * 1.7186 * 3.0096 *
   * 1.7212 * 1.8919 * 1.8078 * 1.8379 * 1.8727 * 1.6448 * 2.8533 *
   * 1.7500 * 1.8715 * 1.7846 * 1.8171 * 1.8710 * 1.6238 * 2.7790 *
   * 1.8384 * 1.8675 * 1.7457 * 1.7916 * 1.9012 * 1.6881 * 2.6771 *
   * 1.8736 * 1.8624 * 1.7481 * 1.7815 * 1.8882 * 1.7101 * 2.5447 *
   ***************************************************************
13 * 2.0215 * 1.7802 * 1.8676 * 1.8027 * 1.7074 * 1.5475 * 3.5131 *
   * 2.0301 * 1.7813 * 1.8773 * 1.7613 * 1.7187 * 1.5842 * 3.4355 *
   * 2.0564 * 1.7990 * 1.8817 * 1.6775 * 1.6443 * 1.6060 * 3.3629 *
   * 2.0973 * 1.8327 * 1.8874 * 1.6549 * 1.6236 * 1.6533 * 3.3288 *
   * 2.1688 * 1.8899 * 1.9018 * 1.7188 * 1.6880 * 1.7700 * 3.2356 *
   * 2.1546 * 1.8734 * 1.8853 * 1.7451 * 1.7100 * 1.8110 * 3.0557 *
   ***************************************************************
14 * 1.6201 * 1.6403 * 1.5995 * 2.5172 * 3.1702 * 3.4394 *
   * 1.6509 * 1.6614 * 1.6327 * 2.4637 * 3.0086 * 3.3630 *
   * 1.6619 * 1.6503 * 1.6564 * 2.4190 * 2.8528 * 3.2975 *
   * 1.6825 * 1.6696 * 1.7014 * 2.4087 * 2.7788 * 3.2764 *
   * 1.7754 * 1.7612 * 1.7987 * 2.3999 * 2.6773 * 3.2059 *
   * 1.7904 * 1.7793 * 1.8209 * 2.3200 * 2.5449 * 3.0344 *
   *******************************************************
15 * 3.6772 * 3.4482 * 3.4414 * 5.1874 *   4 EFPD 118 % POWER
   * 3.4728 * 3.2723 * 3.3282 * 5.0232 *  50 EFPD 118 % POWER
   * 3.3221 * 3.1383 * 3.2435 * 4.8782 * 125 EFPD 118 % POWER
   * 3.2545 * 3.0959 * 3.2108 * 4.7581 * 200 EFPD 118 % POWER
   * 3.1283 * 3.0199 * 3.1335 * 4.4489 * 350 EFPD 118 % POWER
   * 2.9512 * 2.8561 * 2.9552 * 4.0807 * 460 EFPD 118 % POWER
   ************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.9460	2.2544	1.9678	2.2329	1.8785	2.1187	1.6799	3.9167
	1.9499	2.3092	2.0634	2.2475	1.8168	2.1260	1.7067	3.6826
	1.9160	2.3133	2.1288	2.2211	1.7905	2.1571	1.7175	3.5194
	1.9151	2.2897	2.1427	2.2186	1.8304	2.2121	1.7468	3.4598
	1.9592	2.2593	2.1433	2.2442	1.9400	2.3040	1.8574	3.3432
	1.9784	2.2252	2.1292	2.2462	1.9935	2.3055	1.8870	3.1651
9	2.2544	1.7593	1.9117	1.8061	1.9644	1.8590	1.7052	3.6929
	2.3092	1.8688	1.9744	1.8862	1.9690	1.8552	1.7218	3.4918
	2.3133	1.9258	2.0104	1.8722	1.9827	1.8761	1.7084	3.3502
	2.2897	1.9274	2.0167	1.8480	1.9724	1.9213	1.7354	3.3122
	2.2593	1.9171	2.0291	1.8606	1.9842	1.9950	1.8442	3.2380
	2.2252	1.9021	2.0327	1.8856	1.9948	1.9918	1.8769	3.0755
10	1.9678	1.9123	1.8717	1.9500	1.8153	1.9580	1.6654	3.6771
	2.0634	1.9750	1.9559	1.9871	1.8677	1.9634	1.6944	3.5444
	2.1288	2.0110	2.0104	1.9702	1.8873	1.9726	1.7201	3.4571
	2.1427	2.0173	2.0201	1.9392	1.8705	1.9894	1.7743	3.4414
	2.1433	2.0297	2.0411	1.9325	1.8452	2.0201	1.8886	3.3788
	2.1292	2.0333	2.0500	1.9375	1.8561	2.0160	1.9249	3.2088
11	2.2329	1.8062	1.9498	1.8255	2.0062	1.8901	2.6949	5.5256
	2.2475	1.8862	1.9869	1.9069	1.9769	1.8425	2.6293	5.3591
	2.2211	1.8719	1.9698	1.9062	1.9346	1.7510	2.5839	5.2079
	2.2186	1.8477	1.9389	1.8773	1.9237	1.7366	2.5854	5.1012
	2.2442	1.8605	1.9324	1.8378	1.9101	1.8186	2.5922	4.7936
	2.2462	1.8856	1.9375	1.8527	1.9072	1.8534	2.5170	4.4228
12	1.8785	1.9610	1.8133	2.0059	2.0268	1.7865	3.4318	
	1.8168	1.9661	1.8658	1.9763	2.0077	1.7921	3.2441	
	1.7905	1.9815	1.8866	1.9341	1.9691	1.7148	3.0716	
	1.8304	1.9716	1.8699	1.9233	1.9793	1.7023	3.0037	
	1.9400	1.9838	1.8451	1.9100	2.0283	1.7841	2.9118	
	1.9935	1.9946	1.8562	1.9071	2.0186	1.8136	2.7821	
13	2.1187	1.8551	1.9559	1.8893	1.7863	1.6161	3.7780	
	2.1260	1.8517	1.9614	1.8416	1.7920	1.6500	3.6849	
	2.1571	1.8732	1.9712	1.7505	1.7143	1.6755	3.6109	
	2.2121	1.9192	1.9885	1.7363	1.7020	1.7363	3.5951	
	2.3040	1.9938	2.0198	1.8186	1.7840	1.8705	3.5218	
	2.3055	1.9912	2.0159	1.8535	1.8135	1.9186	3.3315	
14	1.6799	1.7024	1.6637	2.6930	3.4306	3.7023		
	1.7067	1.7192	1.6928	2.6276	3.2430	3.6099		
	1.7175	1.7064	1.7189	2.5827	3.0711	3.5439		
	1.7468	1.7341	1.7736	2.5847	3.0034	3.5350		
	1.8574	1.8435	1.8885	2.5922	2.9120	3.4816		
	1.8870	1.8764	1.9250	2.5166	2.7824	3.3045		
15	3.9167	3.6903	3.6748	5.5220	4 EFPD 118 % POWER			
	3.6826	3.4897	3.5425	5.3559	50 EFPD 118 % POWER			
	3.5194	3.3488	3.4560	5.2054	125 EFPD 118 % POWER			
	3.4598	3.3115	3.4410	5.0998	200 EFPD 118 % POWER			
	3.3432	3.2376	3.3795	4.7937	350 EFPD 118 % POWER			
	3.1651	3.0754	3.2093	4.4232	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	2.0416	2.3695	2.0778	2.3487	1.9763	2.2467	1.7755	4.0974
	2.0422	2.4246	2.1645	2.3487	1.9077	2.2401	1.7979	3.8687
	2.0084	2.4296	2.2323	2.3285	1.8863	2.2821	1.8086	3.7139
	2.0160	2.4143	2.2578	2.3496	1.9449	2.3554	1.8474	3.6658
	2.0841	2.4040	2.2840	2.4017	2.0798	2.4691	1.9778	3.5624
	2.1291	2.3926	2.2847	2.4163	2.1457	2.4732	2.0145	3.3774
9	2.3695	1.8514	2.0210	1.9041	2.0821	1.9662	1.8019	3.8647
	2.4246	1.9567	2.0727	1.9803	2.0772	1.9563	1.8137	3.6691
	2.4296	2.0169	2.1161	1.9746	2.0924	1.9808	1.7988	3.5383
	2.4143	2.0261	2.1340	1.9628	2.1007	2.0384	1.8352	3.5125
	2.4040	2.0453	2.1693	1.9924	2.1314	2.1316	1.9638	3.4524
	2.3926	2.0492	2.1848	2.0277	2.1494	2.1339	2.0038	3.2845
10	2.0778	2.0218	1.9832	2.0653	1.9193	2.0756	1.7598	3.8601
	2.1645	2.0733	2.0604	2.0971	1.9738	2.0737	1.7849	3.7313
	2.2323	2.1168	2.1209	2.0851	1.9917	2.0898	1.8133	3.6550
	2.2578	2.1347	2.1437	2.0648	1.9858	2.1182	1.8795	3.6533
	2.2840	2.1700	2.1866	2.0740	1.9710	2.1648	2.0136	3.6050
	2.2847	2.1855	2.2089	2.0893	1.9990	2.1685	2.0578	3.4283
11	2.3487	1.9042	2.0652	1.9234	2.1276	1.9998	2.8387	5.7796
	2.3487	1.9797	2.0969	2.0043	2.0908	1.9425	2.7760	5.5936
	2.3285	1.9743	2.0847	2.0126	2.0491	1.8505	2.7336	5.4589
	2.3496	1.9625	2.0645	1.9916	2.0447	1.8450	2.7472	5.3762
	2.4017	1.9924	2.0739	1.9654	2.0470	1.9448	2.7700	5.0868
	2.4163	2.0277	2.0894	1.9991	2.0608	1.9979	2.7018	4.7102
12	1.9763	2.0788	1.9174	2.1272	2.1518	1.8965	3.5942	
	1.9077	2.0741	1.9719	2.0901	2.1274	1.8969	3.4115	
	1.8863	2.0912	1.9910	2.0486	2.0897	1.8137	3.2517	
	1.9449	2.1000	1.9852	2.0443	2.1123	1.8105	3.1948	
	2.0798	2.1310	1.9708	2.0468	2.1809	1.9131	3.1184	
	2.1457	2.1491	1.9991	2.0607	2.1877	1.9600	2.9999	
13	2.2467	1.9621	2.0734	1.9987	1.8963	1.7153	4.0088	
	2.2401	1.9526	2.0717	1.9415	1.8971	1.7459	3.9106	
	2.2821	1.9779	2.0883	1.8499	1.8132	1.7754	3.8334	
	2.3554	2.0363	2.1172	1.8447	1.8102	1.8501	3.8349	
	2.4691	2.1304	2.1644	1.9449	1.9130	2.0078	3.7758	
	2.4732	2.1333	2.1684	1.9980	1.9599	2.0745	3.5979	
14	1.7755	1.7990	1.7580	2.8368	3.5930	3.9307		
	1.7979	1.8110	1.7832	2.7744	3.4106	3.8321		
	1.8086	1.7968	1.8121	2.7323	3.2511	3.7633		
	1.8474	1.8338	1.8788	2.7464	3.1945	3.7714		
	1.9778	1.9631	2.0136	2.7699	3.1187	3.7374		
	2.0145	2.0033	2.0579	2.7013	3.0002	3.5677		
15	4.0974	3.8621	3.8580	5.7757	4 EFPD 118 % POWER			
	3.8687	3.6669	3.7295	5.5901	50 EFPD 118 % POWER			
	3.7139	3.5368	3.6538	5.4566	125 EFPD 118 % POWER			
	3.6658	3.5116	3.6528	5.3749	200 EFPD 118 % POWER			
	3.5624	3.4520	3.6057	5.0867	350 EFPD 118 % POWER			
	3.3774	3.2844	3.4289	4.7106	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***************************************************************************
 8 * 2.0473 * 2.3670 * 2.0703 * 2.3394 * 1.9795 * 2.2420 * 1.7932 * 4.1502 *
   * 2.0257 * 2.3832 * 2.1395 * 2.3171 * 1.8813 * 2.2014 * 1.7839 * 3.8262 *
   * 1.9956 * 2.3934 * 2.2020 * 2.2889 * 1.8541 * 2.2366 * 1.8051 * 3.6610 *
   * 2.0198 * 2.3953 * 2.2435 * 2.3162 * 1.9257 * 2.3318 * 1.8761 * 3.6659 *
   * 2.1122 * 2.4073 * 2.2933 * 2.3975 * 2.0918 * 2.4891 * 2.0536 * 3.6343 *
   * 2.2484 * 2.4739 * 2.3756 * 2.4978 * 2.2422 * 2.5835 * 2.1745 * 3.5621 *
   ***************************************************************************
 9 * 2.3670 * 1.8526 * 2.0101 * 1.9054 * 2.0809 * 1.9832 * 1.8265 * 3.9059 *
   * 2.3832 * 1.9390 * 2.0469 * 1.9584 * 2.0464 * 1.9431 * 1.8094 * 3.6176 *
   * 2.3934 * 1.9947 * 2.0850 * 1.9495 * 2.0573 * 1.9695 * 1.8013 * 3.4698 *
   * 2.3953 * 2.0189 * 2.1138 * 1.9492 * 2.0818 * 2.0549 * 1.8693 * 3.4985 *
   * 2.4073 * 2.0662 * 2.1742 * 2.0167 * 2.1468 * 2.1898 * 2.0430 * 3.5186 *
   * 2.4739 * 2.1568 * 2.2732 * 2.1407 * 2.2542 * 2.2743 * 2.1685 * 3.4574 *
   ***************************************************************************
10 * 2.0703 * 2.0109 * 1.9737 * 2.0634 * 1.9363 * 2.0980 * 1.7992 * 3.9267 *
   * 2.1395 * 2.0476 * 2.0347 * 2.0701 * 1.9570 * 2.0670 * 1.7962 * 3.7081 *
   * 2.2020 * 2.0857 * 2.0916 * 2.0551 * 1.9668 * 2.0776 * 1.8270 * 3.6148 *
   * 2.2435 * 2.1144 * 2.1302 * 2.0490 * 1.9928 * 2.1287 * 1.9221 * 3.6563 *
   * 2.2933 * 2.1749 * 2.2029 * 2.0921 * 2.0217 * 2.2153 * 2.1027 * 3.6707 *
   * 2.3756 * 2.2739 * 2.3120 * 2.1967 * 2.1433 * 2.3089 * 2.2282 * 3.5997 *
   ***************************************************************************
11 * 2.3394 * 1.9055 * 2.0632 * 1.9394 * 2.1846 * 2.0466 * 2.8819 * 5.9505 *
   * 2.3171 * 1.9577 * 2.0699 * 1.9948 * 2.1226 * 1.9649 * 2.7599 * 5.6572 *
   * 2.2889 * 1.9492 * 2.0545 * 2.0023 * 2.0678 * 1.8733 * 2.7114 * 5.5141 *
   * 2.3162 * 1.9489 * 2.0487 * 2.0043 * 2.0606 * 1.8912 * 2.7561 * 5.4923 *
   * 2.3975 * 2.0166 * 2.0920 * 2.0203 * 2.1025 * 2.0330 * 2.8308 * 5.2832 *
   * 2.4978 * 2.1407 * 2.1968 * 2.1479 * 2.2076 * 2.1726 * 2.8646 * 4.9874 *
   ***************************************************************************
12 * 1.9795 * 2.0772 * 1.9341 * 2.1842 * 2.2260 * 2.0001 * 3.7098 *
   * 1.8813 * 2.0433 * 1.9549 * 2.1218 * 2.1747 * 1.9465 * 3.4525 *
   * 1.8541 * 2.0561 * 1.9660 * 2.0671 * 2.1459 * 1.8683 * 3.2669 *
   * 1.9257 * 2.0809 * 1.9922 * 2.0602 * 2.1881 * 1.8885 * 3.2461 *
   * 2.0918 * 2.1464 * 2.0216 * 2.1023 * 2.2887 * 2.0371 * 3.2247 *
   * 2.2422 * 2.2540 * 2.1433 * 2.2076 * 2.3749 * 2.1335 * 3.1734 *
   ***************************************************************
13 * 2.2420 * 1.9791 * 2.0956 * 2.0452 * 1.9999 * 1.8214 * 4.1660 *
   * 2.2014 * 1.9396 * 2.0648 * 1.9638 * 1.9457 * 1.8228 * 4.0082 *
   * 2.2366 * 1.9666 * 2.0760 * 1.8725 * 1.8678 * 1.8508 * 3.9184 *
   * 2.3318 * 2.0529 * 2.1277 * 1.8908 * 1.8882 * 1.9517 * 3.9578 *
   * 2.4891 * 2.1886 * 2.2150 * 2.0330 * 2.0370 * 2.1610 * 3.9603 *
   * 2.5835 * 2.2738 * 2.3088 * 2.1728 * 2.1334 * 2.2550 * 3.8089 *
   ***************************************************************
14 * 1.7932 * 1.8235 * 1.7972 * 2.8795 * 3.7082 * 4.0817 *
   * 1.7839 * 1.8067 * 1.7944 * 2.7578 * 3.4510 * 3.9257 *
   * 1.8051 * 1.7992 * 1.8257 * 2.7099 * 3.2662 * 3.8451 *
   * 1.8761 * 1.8679 * 1.9213 * 2.7553 * 3.2457 * 3.8975 *
   * 2.0536 * 2.0423 * 2.1026 * 2.8307 * 3.2250 * 3.9259 *
   * 2.1745 * 2.1680 * 2.2284 * 2.8640 * 3.1737 * 3.7836 *
   ********************************************************
15 * 4.1502 * 3.9030 * 3.9238 * 5.9458 *   4 EFPD 118 % POWER
   * 3.8262 * 3.6152 * 3.7057 * 5.6531 *  50 EFPD 118 % POWER
   * 3.6610 * 3.4679 * 3.6134 * 5.5113 * 125 EFPD 118 % POWER
   * 3.6659 * 3.4973 * 3.6558 * 5.4908 * 200 EFPD 118 % POWER
   * 3.6343 * 3.5183 * 3.6711 * 5.2833 * 350 EFPD 118 % POWER
   * 3.5621 * 3.4574 * 3.6000 * 4.9879 * 460 EFPD 118 % POWER
   ************************************
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TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.9569 * 2.2735 * 1.9945 * 2.2426 * 1.8921 * 2.1631 * 1.7131 * 4.0195 *
   * 1.9444 * 2.3098 * 2.0544 * 2.2179 * 1.8002 * 2.1273 * 1.7041 * 3.7204 *
   * 1.9087 * 2.3098 * 2.1122 * 2.1906 * 1.7706 * 2.1578 * 1.7184 * 3.5626 *
   * 1.9217 * 2.3022 * 2.1455 * 2.2172 * 1.8375 * 2.2449 * 1.7819 * 3.5615 *
   * 2.0153 * 2.3178 * 2.2014 * 2.3058 * 1.9976 * 2.3976 * 1.9528 * 3.5353 *
   * 2.1150 * 2.3635 * 2.2493 * 2.3672 * 2.1073 * 2.4476 * 2.0349 * 3.4000 *
   ***********************************************************************
 9 * 2.2735 * 1.7731 * 1.9383 * 1.8264 * 2.0040 * 1.9019 * 1.7457 * 3.8035 *
   * 2.3098 * 1.8518 * 1.9661 * 1.8623 * 1.9717 * 1.8646 * 1.7289 * 3.5394 *
   * 2.3098 * 1.9096 * 1.9967 * 1.8595 * 1.9750 * 1.8873 * 1.7145 * 3.4031 *
   * 2.3022 * 1.9242 * 2.0234 * 1.8620 * 2.0024 * 1.9658 * 1.7742 * 3.4201 *
   * 2.3178 * 1.9784 * 2.0922 * 1.9237 * 2.0632 * 2.0978 * 1.9431 * 3.4323 *
   * 2.3635 * 2.0260 * 2.1511 * 2.0098 * 2.1316 * 2.1438 * 2.0297 * 3.3133 *
   ***********************************************************************
10 * 1.9945 * 1.9390 * 1.9052 * 1.9931 * 1.8589 * 2.0210 * 1.7219 * 3.8207 *
   * 2.0544 * 1.9668 * 1.9597 * 1.9953 * 1.8790 * 1.9919 * 1.7177 * 3.6250 *
   * 2.1122 * 1.9973 * 2.0082 * 1.9795 * 1.8817 * 2.0005 * 1.7424 * 3.5404 *
   * 2.1455 * 2.0240 * 2.0461 * 1.9727 * 1.9062 * 2.0470 * 1.8292 * 3.5797 *
   * 2.2014 * 2.0929 * 2.1209 * 2.0128 * 1.9322 * 2.1320 * 2.0038 * 3.6025 *
   * 2.2493 * 2.1518 * 2.1878 * 2.0793 * 2.0113 * 2.1843 * 2.0978 * 3.4763 *
   ***********************************************************************
11 * 2.2426 * 1.8265 * 1.9929 * 1.8608 * 2.1112 * 1.9669 * 2.8158 * 5.8009 *
   * 2.2179 * 1.8617 * 1.9951 * 1.9111 * 2.0524 * 1.8930 * 2.7023 * 5.5157 *
   * 2.1906 * 1.8589 * 1.9791 * 1.9235 * 1.9987 * 1.7965 * 2.6567 * 5.3602 *
   * 2.2172 * 1.8617 * 1.9724 * 1.9217 * 1.9874 * 1.8082 * 2.6947 * 5.3258 *
   * 2.3058 * 1.9236 * 2.0127 * 1.9313 * 2.0230 * 1.9428 * 2.7683 * 5.1288 *
   * 2.3672 * 2.0098 * 2.0794 * 2.0200 * 2.0867 * 2.0473 * 2.7499 * 4.8332 *
   ***********************************************************************
12 * 1.8921 * 2.0004 * 1.8567 * 2.1108 * 2.1501 * 1.9182 * 3.6330 *
   * 1.8002 * 1.9689 * 1.8771 * 2.0517 * 2.1046 * 1.8714 * 3.3859 *
   * 1.7706 * 1.9739 * 1.8810 * 1.9980 * 2.0696 * 1.7855 * 3.2088 *
   * 1.8375 * 2.0016 * 1.9056 * 1.9870 * 2.1063 * 1.8009 * 3.1849 *
   * 1.9976 * 2.0628 * 1.9321 * 2.0228 * 2.2044 * 1.9452 * 3.1668 *
   * 2.1073 * 2.1314 * 2.0114 * 2.0867 * 2.2717 * 2.0493 * 3.1013 *
   ***************************************************************
13 * 2.1631 * 1.8979 * 2.0186 * 1.9657 * 1.9180 * 1.7434 * 4.0934 *
   * 2.1273 * 1.8611 * 1.9896 * 1.8918 * 1.8707 * 1.7448 * 3.9291 *
   * 2.1578 * 1.8846 * 1.9990 * 1.7958 * 1.7850 * 1.7679 * 3.8473 *
   * 2.2449 * 1.9638 * 2.0460 * 1.8078 * 1.8006 * 1.8614 * 3.8828 *
   * 2.3976 * 2.0968 * 2.1317 * 1.9428 * 1.9452 * 2.0639 * 3.8912 *
   * 2.4476 * 2.1434 * 2.1842 * 2.0474 * 2.0492 * 2.1913 * 3.7736 *
   ***************************************************************
14 * 1.7131 * 1.7427 * 1.7199 * 2.8135 * 3.6316 * 4.0159 *
   * 1.7041 * 1.7262 * 1.7159 * 2.7002 * 3.3847 * 3.8529 *
   * 1.7184 * 1.7125 * 1.7412 * 2.6551 * 3.2082 * 3.7791 *
   * 1.7819 * 1.7728 * 1.8285 * 2.6937 * 3.1846 * 3.8197 *
   * 1.9528 * 1.9424 * 2.0038 * 2.7681 * 3.1671 * 3.8509 *
   * 2.0349 * 2.0293 * 2.0980 * 2.7493 * 3.1017 * 3.7462 *
   *******************************************************
15 * 4.0195 * 3.8007 * 3.8180 * 5.7961 *   4 EFPD 118 % POWER
   * 3.7204 * 3.5372 * 3.6228 * 5.5114 *  50 EFPD 118 % POWER
   * 3.5626 * 3.4016 * 3.5391 * 5.3573 * 125 EFPD 118 % POWER
   * 3.5615 * 3.4192 * 3.5792 * 5.3242 * 200 EFPD 118 % POWER
   * 3.5353 * 3.4320 * 3.6032 * 5.1289 * 350 EFPD 118 % POWER
   * 3.4000 * 3.3132 * 3.4769 * 4.8336 * 460 EFPD 118 % POWER
   *************************************
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TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8624	2.1689	1.9016	2.1374	1.7946	2.0489	1.6140	3.8100
	1.8477	2.1975	1.9538	2.1070	1.7005	2.0097	1.5995	3.5163
	1.8111	2.1933	2.0048	2.0781	1.6704	2.0384	1.6138	3.3523
	1.8249	2.1856	2.0353	2.1035	1.7348	2.1242	1.6756	3.3517
	1.9168	2.2094	2.0935	2.1963	1.9036	2.2877	1.8662	3.3713
	1.9941	2.2312	2.1222	2.2394	1.9919	2.3219	1.9202	3.2296
9	2.1689	1.6858	1.8429	1.7342	1.9000	1.8000	1.6474	3.6162
	2.1975	1.7560	1.8685	1.7644	1.8634	1.7570	1.6242	3.3556
	2.1933	1.8068	1.8944	1.7587	1.8719	1.7784	1.6102	3.2115
	2.1856	1.8202	1.9185	1.7578	1.8950	1.8550	1.6697	3.2278
	2.2094	1.8790	1.9900	1.8371	1.9719	2.0074	1.8565	3.2836
	2.2312	1.9132	2.0336	1.8961	2.0182	2.0293	1.9142	3.1602
10	1.9016	1.8437	1.8087	1.8903	1.7542	1.9119	1.6234	3.6341
	1.9538	1.8691	1.8577	1.8894	1.7664	1.8750	1.6116	3.4292
	2.0048	1.8951	1.9050	1.8709	1.7760	1.8857	1.6367	3.3369
	2.0353	1.9191	1.9402	1.8662	1.7968	1.9355	1.7228	3.3779
	2.0935	1.9907	2.0203	1.9258	1.8444	2.0396	1.9113	3.4353
	2.1222	2.0342	2.0721	1.9686	1.8984	2.0675	1.9761	3.3051
11	2.1374	1.7343	1.8902	1.7626	1.9943	1.8499	2.6688	5.5063
	2.1070	1.7638	1.8893	1.8065	1.9253	1.7674	2.5406	5.2145
	2.0782	1.7581	1.8705	1.8077	1.8757	1.6818	2.4932	5.0656
	2.1035	1.7575	1.8659	1.8097	1.8743	1.7013	2.5391	5.0411
	2.1963	1.8371	1.9257	1.8455	1.9367	1.8572	2.6439	4.8831
	2.2394	1.8961	1.9687	1.9086	1.9771	1.9342	2.6106	4.5632
12	1.7946	1.8965	1.7522	1.9939	2.0353	1.8003	3.4550	
	1.7005	1.8605	1.7645	1.9246	1.9809	1.7507	3.1985	
	1.6704	1.8707	1.7753	1.8750	1.9518	1.6758	3.0209	
	1.7348	1.8943	1.7963	1.8739	1.9948	1.6977	3.0052	
	1.9036	1.9716	1.8443	1.9366	2.1170	1.8651	3.0283	
	1.9919	2.0180	1.8984	1.9771	2.1566	1.9375	2.9507	
13	2.0489	1.7964	1.9098	1.8486	1.8002	1.6358	3.8601	
	2.0097	1.7538	1.8730	1.7663	1.7500	1.6287	3.6703	
	2.0384	1.7758	1.8843	1.6811	1.6753	1.6557	3.5928	
	2.1242	1.8532	1.9346	1.7010	1.6975	1.7499	3.6383	
	2.2877	2.0065	2.0394	1.8573	1.8651	1.9793	3.7262	
	2.3219	2.0290	2.0675	1.9344	1.9374	2.0725	3.5940	
14	1.6140	1.6447	1.6217	2.6664	3.4536	3.7870		
	1.5995	1.6218	1.6100	2.5385	3.1972	3.5990		
	1.6138	1.6084	1.6356	2.4917	3.0203	3.5289		
	1.6756	1.6685	1.7221	2.5382	3.0049	3.5795		
	1.8662	1.8559	1.9113	2.6437	3.0286	3.6853		
	1.9202	1.9138	1.9763	2.6100	2.9511	3.5693		
15	3.8100	3.6137	3.6317	5.5017	4 EFPD 118 % POWER			
	3.5163	3.3535	3.4270	5.2104	50 EFPD 118 % POWER			
	3.3523	3.2096	3.3356	5.0630	125 EFPD 118 % POWER			
	3.3517	3.2264	3.3774	5.0396	200 EFPD 118 % POWER			
	3.3713	3.2837	3.4360	4.8831	350 EFPD 118 % POWER			
	3.2296	3.1610	3.3056	4.5635	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.7591	2.0513	1.7934	2.0158	1.6873	1.9271	1.5139	3.5946
	1.7471	2.0830	1.8486	1.9891	1.5993	1.8932	1.5015	3.3140
	1.7097	2.0767	1.8972	1.9590	1.5680	1.9187	1.5107	3.1536
	1.7140	2.0610	1.9199	1.9770	1.6243	1.9954	1.5649	3.1450
	1.7951	2.0718	1.9654	2.0631	1.7846	2.1517	1.7435	3.1615
	1.8716	2.0954	1.9971	2.1102	1.8755	2.1908	1.8078	3.0369
9	2.0513	1.5898	1.7341	1.6327	1.7845	1.6856	1.5427	3.4002
	2.0830	1.6607	1.7640	1.6628	1.7534	1.6468	1.5218	3.1513
	2.0767	1.7098	1.7887	1.6556	1.7610	1.6657	1.5057	3.0096
	2.0610	1.7147	1.8057	1.6480	1.7787	1.7341	1.5581	3.0187
	2.0718	1.7577	1.8670	1.7149	1.8481	1.8784	1.7333	3.0710
	2.0954	1.7953	1.9138	1.7837	1.9018	1.9114	1.8016	2.9605
10	1.7934	1.7348	1.7023	1.7790	1.6498	1.7955	1.5208	3.4140
	1.8486	1.7646	1.7536	1.7829	1.6637	1.7608	1.5101	3.2192
	1.8972	1.7894	1.7988	1.7631	1.6724	1.7721	1.5306	3.1268
	1.9199	1.8064	1.8264	1.7531	1.6830	1.8153	1.6074	3.1581
	1.9654	1.8676	1.8965	1.8009	1.7194	1.9079	1.7839	3.2152
	1.9971	1.9144	1.9515	1.8537	1.7845	1.9475	1.8581	3.0984
11	2.0158	1.6328	1.7789	1.6589	1.8695	1.7356	2.5041	5.2021
	1.9891	1.6622	1.7827	1.7038	1.8044	1.6564	2.3843	4.9295
	1.9590	1.6551	1.7627	1.6992	1.7585	1.5724	2.3345	4.7767
	1.9770	1.6478	1.7528	1.6943	1.7554	1.5863	2.3714	4.7380
	2.0631	1.7148	1.8009	1.7196	1.8080	1.7298	2.4635	4.5787
	2.1102	1.7837	1.8538	1.7933	1.8605	1.8171	2.4432	4.2834
12	1.6873	1.7811	1.6478	1.8691	1.9071	1.6811	3.2393	
	1.5993	1.7506	1.6618	1.8037	1.8567	1.6368	2.9920	
	1.5680	1.7599	1.6717	1.7578	1.8227	1.5598	2.8177	
	1.6243	1.7780	1.6825	1.7551	1.8607	1.5776	2.7964	
	1.7846	1.8478	1.7193	1.8079	1.9775	1.7343	2.8175	
	1.8755	1.9016	1.7846	1.8605	2.0288	1.8170	2.7570	
13	1.9271	1.6821	1.7933	1.7344	1.6810	1.5242	3.6139	
	1.8932	1.6438	1.7588	1.6554	1.6362	1.5166	3.4352	
	1.9187	1.6634	1.7708	1.5718	1.5593	1.5382	3.3538	
	1.9954	1.7325	1.8145	1.5860	1.5774	1.6240	3.3888	
	2.1517	1.8776	1.9077	1.7299	1.7343	1.8377	3.4549	
	2.1908	1.9111	1.9475	1.8172	1.8170	1.9405	3.3497	
14	1.5139	1.5401	1.5190	2.5018	3.2379	3.5462		
	1.5015	1.5194	1.5086	2.3822	2.9907	3.3692		
	1.5107	1.5040	1.5295	2.3331	2.8170	3.2949		
	1.5649	1.5569	1.6067	2.3705	2.7961	3.3351		
	1.7435	1.7328	1.7839	2.4633	2.8177	3.4237		
	1.8078	1.8013	1.8583	2.4426	2.7573	3.3247		
15	3.5946	3.3976	3.4115	5.1976	4 EFPD 118 % POWER			
	3.3140	3.1491	3.2168	4.9255	50 EFPD 118 % POWER			
	3.1536	3.0082	3.1254	4.7740	125 EFPD 118 % POWER			
	3.1450	3.0177	3.1575	4.7365	200 EFPD 118 % POWER			
	3.1615	3.0707	3.2158	4.5787	350 EFPD 118 % POWER			
	3.0369	2.9603	3.0990	4.2838	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6771	1.9520	1.7029	1.9178	1.6049	1.8302	1.4393	3.3893
	1.6724	1.9845	1.7645	1.8993	1.5274	1.8036	1.4319	3.1301
	1.6375	1.9851	1.8132	1.8683	1.4965	1.8274	1.4376	2.9748
	1.6296	1.9597	1.8275	1.8773	1.5431	1.8936	1.4836	2.9571
	1.6925	1.9427	1.8577	1.9483	1.6855	2.0312	1.6461	2.9563
	1.7653	1.9564	1.8882	1.9942	1.7743	2.0686	1.7088	2.8403
9	1.9520	1.5135	1.6446	1.5525	1.6945	1.5962	1.4638	3.1964
	1.9845	1.5888	1.6807	1.5907	1.6714	1.5643	1.4482	2.9655
	1.9851	1.6409	1.7054	1.5828	1.6792	1.5814	1.4317	2.8258
	1.9597	1.6357	1.7138	1.5666	1.6875	1.6405	1.4762	2.8273
	1.9427	1.6597	1.7628	1.6189	1.7438	1.7709	1.6354	2.8666
	1.9564	1.6925	1.8085	1.6851	1.7965	1.8039	1.7022	2.7618
10	1.7029	1.6453	1.6144	1.6872	1.5674	1.6978	1.4393	3.2045
	1.7645	1.6814	1.6722	1.6993	1.5860	1.6703	1.4335	3.0260
	1.8132	1.7060	1.7150	1.6793	1.5950	1.6825	1.4521	2.9335
	1.8275	1.7144	1.7342	1.6604	1.5986	1.7172	1.5206	2.9472
	1.8577	1.7634	1.7919	1.6960	1.6197	1.7979	1.6830	2.9806
	1.8882	1.8091	1.8456	1.7476	1.6833	1.8374	1.7550	2.8698
11	1.9178	1.5526	1.6871	1.5794	1.7719	1.6509	2.3511	4.8935
	1.8993	1.5902	1.6991	1.6293	1.7140	1.5774	2.2441	4.6499
	1.8683	1.5823	1.6788	1.6221	1.6716	1.4959	2.1930	4.5017
	1.8773	1.5664	1.6601	1.6116	1.6644	1.5022	2.2181	4.4475
	1.9483	1.6189	1.6960	1.6189	1.7014	1.6272	2.2922	4.2846
	1.9942	1.6852	1.7477	1.6887	1.7530	1.7119	2.2735	4.0055
12	1.6049	1.6913	1.5655	1.7716	1.8057	1.5884	3.0313	
	1.5274	1.6687	1.5842	1.7133	1.7615	1.5543	2.8049	
	1.4965	1.6781	1.5943	1.6710	1.7224	1.4775	2.6395	
	1.5431	1.6867	1.5981	1.6641	1.7543	1.4866	2.6099	
	1.6855	1.7434	1.6196	1.7013	1.8591	1.6272	2.6115	
	1.7743	1.7963	1.6834	1.7530	1.9095	1.7079	2.5503	
13	1.8302	1.5929	1.6956	1.6498	1.5883	1.4374	3.3822	
	1.8036	1.5614	1.6684	1.5764	1.5537	1.4331	3.2218	
	1.8274	1.5793	1.6812	1.4952	1.4770	1.4510	3.1382	
	1.8936	1.6389	1.7164	1.5019	1.4864	1.5268	3.1546	
	2.0312	1.7701	1.7977	1.6273	1.6271	1.7232	3.1967	
	2.0686	1.8036	1.8374	1.7120	1.7079	1.8227	3.0970	
14	1.4393	1.4613	1.4375	2.3488	3.0299	3.3161		
	1.4319	1.4460	1.4320	2.2421	2.8036	3.1578		
	1.4376	1.4300	1.4511	2.1916	2.6388	3.0830		
	1.4836	1.4751	1.5200	2.2173	2.6096	3.1089		
	1.6461	1.6349	1.6830	2.2920	2.6117	3.1712		
	1.7088	1.7019	1.7552	2.2729	2.5506	3.0784		
15	3.3893	3.1941	3.2022	4.8892	4 EFPD 118 % POWER			
	3.1302	2.9636	3.0238	4.6461	50 EFPD 118 % POWER			
	2.9748	2.8242	2.9323	4.4992	125 EFPD 118 % POWER			
	2.9571	2.8263	2.9469	4.4462	200 EFPD 118 % POWER			
	2.9563	2.8664	2.9809	4.2847	350 EFPD 118 % POWER			
	2.8403	2.7618	2.8700	4.0059	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5605	1.8351	1.5947	1.8036	1.4993	1.7181	1.3378	3.2555
	1.5639	1.8843	1.6657	1.7997	1.4347	1.7081	1.3395	3.0211
	1.5307	1.8826	1.7171	1.7756	1.4070	1.7349	1.3458	2.8719
	1.5164	1.8502	1.7251	1.7777	1.4444	1.7922	1.3824	2.8386
	1.5639	1.8296	1.7418	1.8308	1.5656	1.9131	1.5242	2.8143
	1.6329	1.8504	1.7701	1.8754	1.6505	1.9505	1.5837	2.7018
9	1.8351	1.4119	1.5381	1.4465	1.5866	1.4888	1.3608	3.0879
	1.8843	1.4928	1.5845	1.4951	1.5778	1.4691	1.3544	2.8815
	1.8826	1.5430	1.6128	1.4909	1.5898	1.4886	1.3392	2.7495
	1.8502	1.5311	1.6161	1.4654	1.5904	1.5396	1.3746	2.7331
	1.8296	1.5380	1.6505	1.4990	1.6294	1.6525	1.5134	2.7389
	1.8504	1.5687	1.6932	1.5623	1.6800	1.6850	1.5768	2.6403
10	1.5947	1.5388	1.5087	1.5779	1.4594	1.5840	1.3355	3.0855
	1.6657	1.5852	1.5761	1.6024	1.4876	1.5701	1.3380	2.9307
	1.7171	1.6135	1.6218	1.5877	1.5014	1.5868	1.3571	2.8453
	1.7251	1.6167	1.6344	1.5640	1.4942	1.6140	1.4149	2.8483
	1.7418	1.6511	1.6755	1.5844	1.4997	1.6798	1.5573	2.8645
	1.7701	1.6938	1.7268	1.6341	1.5573	1.7172	1.6248	2.7602
11	1.8036	1.4466	1.5778	1.4704	1.6515	1.5316	2.2404	4.7095
	1.7997	1.4946	1.6022	1.5289	1.6072	1.4733	2.1514	4.5019
	1.7756	1.4904	1.5873	1.5234	1.5697	1.3963	2.1047	4.3647
	1.7777	1.4651	1.5638	1.5052	1.5610	1.3954	2.1196	4.2957
	1.8308	1.4990	1.5844	1.4981	1.5844	1.5028	2.1777	4.1123
	1.8754	1.5623	1.6341	1.5646	1.6336	1.5832	2.1607	3.8381
12	1.4993	1.5835	1.4576	1.6512	1.6793	1.4675	2.9146	
	1.4347	1.5751	1.4859	1.6065	1.6448	1.4453	2.7152	
	1.4070	1.5887	1.5008	1.5692	1.6097	1.3747	2.5511	
	1.4444	1.5896	1.4937	1.5607	1.6317	1.3747	2.5060	
	1.5656	1.6291	1.4997	1.5843	1.7211	1.4929	2.4866	
	1.6505	1.6799	1.5573	1.6336	1.7720	1.5732	2.4357	
13	1.7181	1.4856	1.5819	1.5305	1.4673	1.3250	3.2294	
	1.7081	1.4663	1.5683	1.4723	1.4452	1.3298	3.0978	
	1.7349	1.4865	1.5855	1.3956	1.3743	1.3468	3.0200	
	1.7922	1.5381	1.6132	1.3951	1.3745	1.4106	3.0205	
	1.9131	1.6518	1.6796	1.5029	1.4929	1.5799	3.0423	
	1.9505	1.6848	1.7172	1.5833	1.5731	1.6784	2.9529	
14	1.3378	1.3584	1.3339	2.2381	2.9132	3.1697		
	1.3395	1.3523	1.3365	2.1493	2.7140	3.0390		
	1.3458	1.3376	1.3561	2.1032	2.5504	2.9674		
	1.3824	1.3735	1.4144	2.1188	2.5057	2.9728		
	1.5242	1.5129	1.5573	2.1775	2.4868	3.0096		
	1.5837	1.5766	1.6251	2.1602	2.4361	2.9353		
15	3.2555	3.0856	3.0832	4.7052	4 EFPD 118 % POWER			
	3.0211	2.8795	2.9285	4.4981	50 EFPD 118 % POWER			
	2.8719	2.7483	2.8440	4.3621	125 EFPD 118 % POWER			
	2.8386	2.7326	2.8478	4.2943	200 EFPD 118 % POWER			
	2.8143	2.7391	2.8650	4.1123	350 EFPD 118 % POWER			
	2.7019	2.6416	2.7607	3.8384	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***************************************************************************
 8 * 1.4820 * 1.7491 * 1.5155 * 1.7211 * 1.4285 * 1.6370 * 1.2723 * 3.1229 *
   * 1.5007 * 1.8141 * 1.6015 * 1.7363 * 1.3819 * 1.6461 * 1.2873 * 2.9264 *
   * 1.4736 * 1.8197 * 1.6592 * 1.7198 * 1.3598 * 1.6785 * 1.2969 * 2.7899 *
   * 1.4403 * 1.7695 * 1.6528 * 1.7108 * 1.3876 * 1.7251 * 1.3240 * 2.7412 *
   * 1.4518 * 1.7084 * 1.6301 * 1.7181 * 1.4671 * 1.7992 * 1.4272 * 2.6571 *
   * 1.5093 * 1.7172 * 1.6489 * 1.7522 * 1.5406 * 1.8281 * 1.4793 * 2.5424 *
   ***************************************************************************
 9 * 1.7491 * 1.3426 * 1.4627 * 1.3767 * 1.5105 * 1.4134 * 1.2931 * 2.9615 *
   * 1.8141 * 1.4361 * 1.5225 * 1.4405 * 1.5191 * 1.4096 * 1.3003 * 2.7907 *
   * 1.8197 * 1.4911 * 1.5573 * 1.4419 * 1.5375 * 1.4336 * 1.2898 * 2.6706 *
   * 1.7695 * 1.4626 * 1.5477 * 1.4066 * 1.5299 * 1.4751 * 1.3159 * 2.6385 *
   * 1.7084 * 1.4359 * 1.5440 * 1.4013 * 1.5282 * 1.5495 * 1.4157 * 2.5850 *
   * 1.7172 * 1.4547 * 1.5783 * 1.4539 * 1.5687 * 1.5758 * 1.4719 * 2.4830 *
   ***************************************************************************
10 * 1.5155 * 1.4634 * 1.4345 * 1.5005 * 1.3887 * 1.5036 * 1.2673 * 2.9563 *
   * 1.6015 * 1.5232 * 1.5156 * 1.5412 * 1.4309 * 1.5066 * 1.2826 * 2.8357 *
   * 1.6592 * 1.5580 * 1.5660 * 1.5347 * 1.4517 * 1.5301 * 1.3050 * 2.7614 *
   * 1.6528 * 1.5484 * 1.5646 * 1.5020 * 1.4370 * 1.5489 * 1.3536 * 2.7480 *
   * 1.6301 * 1.5446 * 1.5707 * 1.4835 * 1.3997 * 1.5731 * 1.4553 * 2.7017 *
   * 1.6489 * 1.5788 * 1.6115 * 1.5233 * 1.4467 * 1.6031 * 1.5156 * 2.5954 *
   ***************************************************************************
11 * 1.7211 * 1.3768 * 1.5004 * 1.3992 * 1.5645 * 1.4542 * 2.1367 * 4.5181 *
   * 1.7363 * 1.4400 * 1.5411 * 1.4708 * 1.5387 * 1.4129 * 2.0730 * 4.3613 *
   * 1.7198 * 1.4415 * 1.5343 * 1.4712 * 1.5083 * 1.3423 * 2.0339 * 4.2424 *
   * 1.7108 * 1.4064 * 1.5017 * 1.4449 * 1.4977 * 1.3317 * 2.0362 * 4.1528 *
   * 1.7182 * 1.4012 * 1.4834 * 1.3963 * 1.4792 * 1.3977 * 2.0400 * 3.8965 *
   * 1.7522 * 1.4539 * 1.5234 * 1.4523 * 1.5202 * 1.4702 * 2.0195 * 3.6267 *
   ***************************************************************************
12 * 1.4285 * 1.5074 * 1.3869 * 1.5642 * 1.5875 * 1.3886 * 2.7753 *
   * 1.3819 * 1.5165 * 1.4292 * 1.5381 * 1.5694 * 1.3799 * 2.6161 *
   * 1.3598 * 1.5365 * 1.4510 * 1.5079 * 1.5405 * 1.3174 * 2.4650 *
   * 1.3876 * 1.5292 * 1.4365 * 1.4974 * 1.5536 * 1.3087 * 2.4027 *
   * 1.4671 * 1.5279 * 1.3997 * 1.4791 * 1.6003 * 1.3850 * 2.3269 *
   * 1.5406 * 1.5685 * 1.4468 * 1.5202 * 1.6425 * 1.4561 * 2.2735 *
   ***************************************************************
13 * 1.6370 * 1.4103 * 1.5016 * 1.4532 * 1.3884 * 1.2518 * 3.0805 *
   * 1.6461 * 1.4069 * 1.5048 * 1.4120 * 1.3798 * 1.2681 * 2.9780 *
   * 1.6785 * 1.4315 * 1.5289 * 1.3418 * 1.3170 * 1.2873 * 2.9112 *
   * 1.7251 * 1.4736 * 1.5482 * 1.3315 * 1.3085 * 1.3407 * 2.8984 *
   * 1.7992 * 1.5488 * 1.5729 * 1.3978 * 1.3849 * 1.4659 * 2.8470 *
   * 1.8281 * 1.5756 * 1.6031 * 1.4704 * 1.4560 * 1.5539 * 2.7566 *
   ***************************************************************
14 * 1.2723 * 1.2908 * 1.2657 * 2.1346 * 2.7740 * 3.0240 *
   * 1.2873 * 1.2982 * 1.2811 * 2.0710 * 2.6150 * 2.9216 *
   * 1.2969 * 1.2882 * 1.3040 * 2.0325 * 2.4644 * 2.8608 *
   * 1.3240 * 1.3149 * 1.3530 * 2.0353 * 2.4025 * 2.8529 *
   * 1.4272 * 1.4152 * 1.4553 * 2.0398 * 2.3271 * 2.8165 *
   * 1.4793 * 1.4717 * 1.5158 * 2.0190 * 2.2739 * 2.7405 *
   *******************************************************
15 * 3.1229 * 2.9592 * 2.9541 * 4.5139 *   4 EFPD 118 % POWER
   * 2.9264 * 2.7887 * 2.8335 * 4.3576 *  50 EFPD 118 % POWER
   * 2.7899 * 2.6694 * 2.7601 * 4.2399 * 125 EFPD 118 % POWER
   * 2.7412 * 2.6380 * 2.7475 * 4.1514 * 200 EFPD 118 % POWER
   * 2.6571 * 2.5850 * 2.7023 * 3.8965 * 350 EFPD 118 % POWER
   * 2.5424 * 2.4843 * 2.5959 * 3.6269 * 460 EFPD 118 % POWER
   ************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4378	1.6827	1.4568	1.6567	1.3853	1.5852	1.2443	2.9799
	1.4869	1.7739	1.5733	1.7117	1.3717	1.6197	1.2794	2.8489
	1.4722	1.7948	1.6424	1.7057	1.3591	1.6626	1.2971	2.7355
	1.4193	1.7307	1.6165	1.6722	1.3652	1.6850	1.3145	2.6674
	1.3903	1.6150	1.5547	1.6383	1.4057	1.7073	1.3688	2.5080
	1.4249	1.5946	1.5533	1.6495	1.4583	1.7138	1.4002	2.3683
9	1.6827	1.3008	1.4077	1.3334	1.4626	1.3706	1.2624	2.8053
	1.7739	1.4220	1.4970	1.4310	1.4975	1.3884	1.2898	2.6931
	1.7948	1.4910	1.5423	1.4415	1.5258	1.4208	1.2890	2.5974
	1.7307	1.4448	1.5130	1.3899	1.4983	1.4519	1.3058	2.5478
	1.6150	1.3790	1.4718	1.3480	1.4602	1.4769	1.3566	2.4280
	1.5946	1.3766	1.4859	1.3767	1.4781	1.4832	1.3924	2.2983
10	1.4568	1.4084	1.3841	1.4473	1.3529	1.4571	1.2360	2.8046
	1.5733	1.4977	1.4902	1.5164	1.4190	1.4818	1.2707	2.7413
	1.6424	1.5429	1.5505	1.5233	1.4494	1.5157	1.3009	2.6850
	1.6165	1.5136	1.5312	1.4691	1.4224	1.5195	1.3420	2.6449
	1.5547	1.4724	1.5001	1.4158	1.3448	1.4998	1.3957	2.5229
	1.5533	1.4864	1.5198	1.4319	1.3694	1.5075	1.4342	2.3872
11	1.6568	1.3335	1.4472	1.3566	1.5140	1.4168	2.0317	4.3092
	1.7117	1.4305	1.5162	1.4564	1.5147	1.4010	2.0110	4.2301
	1.7057	1.4412	1.5229	1.4702	1.4941	1.3415	1.9852	4.1415
	1.6722	1.3896	1.4688	1.4289	1.4674	1.3177	1.9616	4.0084
	1.6383	1.3480	1.4158	1.3415	1.4130	1.3388	1.9142	3.6647
	1.6495	1.3768	1.4320	1.3703	1.4308	1.3880	1.8692	3.3661
12	1.3853	1.4599	1.3513	1.5137	1.5365	1.3552	2.6186	
	1.3717	1.4949	1.4173	1.5140	1.5439	1.3659	2.5201	
	1.3591	1.5248	1.4487	1.4936	1.5238	1.3149	2.3933	
	1.3652	1.4976	1.4219	1.4671	1.5253	1.2949	2.3038	
	1.4057	1.4599	1.3447	1.4129	1.5250	1.3249	2.1739	
	1.4583	1.4780	1.3695	1.4308	1.5433	1.3735	2.0876	
13	1.5852	1.3675	1.4551	1.4158	1.3551	1.2212	2.9322	
	1.6197	1.3856	1.4801	1.4001	1.3658	1.2544	2.8830	
	1.6626	1.4187	1.5144	1.3410	1.3144	1.2792	2.8329	
	1.6850	1.4503	1.5188	1.3175	1.2947	1.3231	2.7893	
	1.7073	1.4762	1.4996	1.3389	1.3249	1.4022	2.6601	
	1.7138	1.4830	1.5076	1.3881	1.3735	1.4660	2.5383	
14	1.2443	1.2601	1.2344	2.0298	2.6174	2.8762		
	1.2794	1.2876	1.2692	2.0091	2.5189	2.8257		
	1.2971	1.2874	1.2999	1.9839	2.3927	2.7822		
	1.3145	1.3048	1.3414	1.9609	2.3035	2.7499		
	1.3688	1.3562	1.3957	1.9141	2.1741	2.6388		
	1.4002	1.3921	1.4344	1.8688	2.0879	2.5237		
15	2.9799	2.8032	2.8026	4.3052	4 EFPD 118 % POWER			
	2.8489	2.6913	2.7393	4.2265	50 EFPD 118 % POWER			
	2.7355	2.5959	2.6839	4.1391	125 EFPD 118 % POWER			
	2.6674	2.5468	2.6442	4.0071	200 EFPD 118 % POWER			
	2.5080	2.4282	2.5231	3.6648	350 EFPD 118 % POWER			
	2.3683	2.2984	2.3874	3.3664	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3715 * 1.6048 * 1.3871 * 1.5811 * 1.3283 * 1.5120 * 1.1926 * 2.8950 *
   * 1.4605 * 1.7469 * 1.5367 * 1.6816 * 1.3524 * 1.5935 * 1.2597 * 2.8523 *
   * 1.4636 * 1.7882 * 1.6232 * 1.7019 * 1.3581 * 1.6559 * 1.2965 * 2.7816 *
   * 1.4017 * 1.7086 * 1.5869 * 1.6539 * 1.3483 * 1.6613 * 1.3000 * 2.6803 *
   * 1.3332 * 1.5664 * 1.4905 * 1.5792 * 1.3478 * 1.6463 * 1.3126 * 2.4587 *
   * 1.3425 * 1.5285 * 1.4662 * 1.5637 * 1.3740 * 1.6281 * 1.3176 * 2.2812 *
   ************************************************************************
 9 * 1.6048 * 1.2449 * 1.3416 * 1.2749 * 1.3939 * 1.3135 * 1.2133 * 2.7407 *
   * 1.7469 * 1.3954 * 1.4645 * 1.4040 * 1.4703 * 1.3626 * 1.2706 * 2.7141 *
   * 1.7882 * 1.4805 * 1.5263 * 1.4351 * 1.5166 * 1.4130 * 1.2883 * 2.6564 *
   * 1.7086 * 1.4285 * 1.4884 * 1.3757 * 1.4776 * 1.4285 * 1.2917 * 2.5728 *
   * 1.5664 * 1.3275 * 1.4121 * 1.2966 * 1.4028 * 1.4161 * 1.3001 * 2.3858 *
   * 1.5285 * 1.3005 * 1.4024 * 1.2979 * 1.3954 * 1.3989 * 1.3095 * 2.2201 *
   ************************************************************************
10 * 1.3871 * 1.3422 * 1.3198 * 1.3784 * 1.2935 * 1.3950 * 1.1907 * 2.7483 *
   * 1.5367 * 1.4651 * 1.4566 * 1.4823 * 1.3961 * 1.4540 * 1.2515 * 2.7655 *
   * 1.6232 * 1.5270 * 1.5332 * 1.5093 * 1.4443 * 1.5051 * 1.2963 * 2.7482 *
   * 1.5869 * 1.4891 * 1.5056 * 1.4482 * 1.4136 * 1.4938 * 1.3253 * 2.6802 *
   * 1.4905 * 1.4126 * 1.4387 * 1.3626 * 1.2977 * 1.4407 * 1.3377 * 2.4944 *
   * 1.4662 * 1.4029 * 1.4337 * 1.3521 * 1.2914 * 1.4221 * 1.3490 * 2.3198 *
   ************************************************************************
11 * 1.5811 * 1.2750 * 1.3783 * 1.2975 * 1.4442 * 1.3538 * 1.9783 * 4.2111 *
   * 1.6816 * 1.4040 * 1.4821 * 1.4288 * 1.4865 * 1.3809 * 2.0138 * 4.2440 *
   * 1.7019 * 1.4348 * 1.5089 * 1.4658 * 1.4866 * 1.3416 * 2.0154 * 4.2079 *
   * 1.6539 * 1.3755 * 1.4480 * 1.4214 * 1.4482 * 1.3008 * 1.9699 * 4.0421 *
   * 1.5792 * 1.2966 * 1.3626 * 1.2952 * 1.3598 * 1.2846 * 1.8744 * 3.6017 *
   * 1.5637 * 1.2979 * 1.3522 * 1.2933 * 1.3497 * 1.3052 * 1.7989 * 3.2524 *
   ************************************************************************
12 * 1.3283 * 1.3912 * 1.2920 * 1.4439 * 1.4668 * 1.3101 * 2.5636 *
   * 1.3524 * 1.4677 * 1.3945 * 1.4859 * 1.5189 * 1.3499 * 2.5356 *
   * 1.3581 * 1.5154 * 1.4437 * 1.4861 * 1.5181 * 1.3151 * 2.4415 *
   * 1.3483 * 1.4769 * 1.4132 * 1.4479 * 1.5053 * 1.2814 * 2.3263 *
   * 1.3478 * 1.4025 * 1.2976 * 1.3597 * 1.4652 * 1.2703 * 2.1389 *
   * 1.3740 * 1.3953 * 1.2914 * 1.3496 * 1.4553 * 1.2905 * 2.0207 *
   ******************************************************************
13 * 1.5120 * 1.3108 * 1.3932 * 1.3529 * 1.3099 * 1.1806 * 2.8807 *
   * 1.5935 * 1.3599 * 1.4522 * 1.3800 * 1.3498 * 1.2384 * 2.9042 *
   * 1.6559 * 1.4108 * 1.5039 * 1.3410 * 1.3147 * 1.2760 * 2.8883 *
   * 1.6613 * 1.4270 * 1.4930 * 1.3005 * 1.2812 * 1.3117 * 2.8174 *
   * 1.6463 * 1.4154 * 1.4405 * 1.2847 * 1.2703 * 1.3443 * 2.6200 *
   * 1.6281 * 1.3987 * 1.4222 * 1.3054 * 1.2905 * 1.3786 * 2.4550 *
   ******************************************************************
14 * 1.1926 * 1.2112 * 1.1892 * 1.9765 * 2.5625 * 2.8290 *
   * 1.2597 * 1.2685 * 1.2501 * 2.0121 * 2.5345 * 2.8499 *
   * 1.2965 * 1.2866 * 1.2953 * 2.0141 * 2.4409 * 2.8390 *
   * 1.3000 * 1.2907 * 1.3247 * 1.9692 * 2.3260 * 2.7750 *
   * 1.3126 * 1.2997 * 1.3377 * 1.8744 * 2.1391 * 2.5949 *
   * 1.3176 * 1.3092 * 1.3492 * 1.7985 * 2.0210 * 2.4396 *
   ********************************************************
15 * 2.8950 * 2.7385 * 2.7461 * 4.2073 *   4 EFPD 118 % POWER
   * 2.8523 * 2.7121 * 2.7634 * 4.2405 *  50 EFPD 118 % POWER
   * 2.7816 * 2.6550 * 2.7468 * 4.2055 * 125 EFPD 118 % POWER
   * 2.6803 * 2.5719 * 2.6797 * 4.0408 * 200 EFPD 118 % POWER
   * 2.4587 * 2.3855 * 2.4949 * 3.6017 * 350 EFPD 118 % POWER
   * 2.2812 * 2.2200 * 2.3203 * 3.2527 * 460 EFPD 118 % POWER
   ************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2891	1.5884	1.3859	1.5659	1.2566	1.5036	1.1925	2.8129
	1.4952	1.7699	1.5762	1.7106	1.4005	1.6386	1.3120	2.8916
	1.5447	1.8519	1.6894	1.7752	1.4449	1.7348	1.3868	2.9041
	1.4825	1.7725	1.6465	1.7250	1.4304	1.7327	1.3813	2.7996
	1.3674	1.5867	1.5047	1.6039	1.3831	1.6662	1.3529	2.5076
	1.3417	1.5191	1.4468	1.5512	1.3717	1.6094	1.3203	2.2808
9	1.5884	1.2503	1.3377	1.2783	1.3877	1.3129	1.2144	2.6806
	1.7699	1.4428	1.5000	1.4491	1.5121	1.4096	1.3239	2.7657
	1.8519	1.5602	1.5898	1.5128	1.5854	1.4900	1.3783	2.7857
	1.7725	1.5074	1.5477	1.4564	1.5404	1.4949	1.3716	2.6965
	1.5867	1.3657	1.4285	1.3334	1.4252	1.4393	1.3395	2.4364
	1.5191	1.3036	1.3851	1.3024	1.3834	1.3863	1.3109	2.2233
10	1.3859	1.3383	1.3273	1.3694	1.2969	1.3924	1.2010	2.7192
	1.5762	1.5006	1.5005	1.5147	1.4508	1.5040	1.3084	2.8399
	1.6894	1.5904	1.6043	1.5694	1.5224	1.5807	1.3836	2.8910
	1.6465	1.5483	1.5692	1.5056	1.4964	1.5550	1.4079	2.8113
	1.5047	1.4290	1.4576	1.3814	1.3441	1.4612	1.3773	2.5477
	1.4468	1.3856	1.4184	1.3409	1.2999	1.4067	1.3507	2.3186
11	1.5659	1.2784	1.3692	1.3019	1.4422	1.2881	1.9594	4.2059
	1.7106	1.4486	1.5146	1.4774	1.5312	1.4279	2.0695	4.3741
	1.7752	1.5126	1.5690	1.5454	1.5664	1.4311	2.1226	4.4230
	1.7250	1.4562	1.5054	1.5082	1.5127	1.3818	2.0672	4.2396
	1.6039	1.3334	1.3814	1.3425	1.3872	1.3247	1.9159	3.6765
	1.5512	1.3024	1.3410	1.2998	1.3408	1.3066	1.7948	3.2449
12	1.2566	1.3852	1.2955	1.4419	1.4711	1.3002	2.5039	
	1.4005	1.5096	1.4492	1.5306	1.5704	1.4042	2.5785	
	1.4449	1.5844	1.5217	1.5659	1.6050	1.4070	2.5592	
	1.4304	1.5397	1.4960	1.5124	1.5790	1.3658	2.4374	
	1.3831	1.4249	1.3440	1.3871	1.4949	1.3126	2.1876	
	1.3717	1.3832	1.2999	1.3408	1.4455	1.2940	2.0145	
13	1.5036	1.3101	1.3908	1.2873	1.2996	1.2100	2.8974	
	1.6386	1.4068	1.5022	1.4270	1.4036	1.3077	3.0150	
	1.7348	1.4876	1.5794	1.4305	1.4065	1.3721	3.0574	
	1.7327	1.4933	1.5542	1.3815	1.3655	1.3986	2.9667	
	1.6662	1.4384	1.4611	1.3247	1.3125	1.3877	2.6859	
	1.6094	1.3859	1.4067	1.3067	1.2939	1.3837	2.4578	
14	1.1925	1.2124	1.1996	1.9577	2.5027	2.8474		
	1.3120	1.3218	1.3070	2.0678	2.5774	2.9603		
	1.3868	1.3765	1.3825	2.1214	2.5585	3.0066		
	1.3813	1.3705	1.4073	2.0665	2.4371	2.9228		
	1.3529	1.3390	1.3773	1.9159	2.1878	2.6573		
	1.3203	1.3106	1.3508	1.7946	2.0147	2.4357		
15	2.8129	2.6786	2.7171	4.2021	4 EFPD 118 % POWER			
	2.8916	2.7636	2.8381	4.3706	50 EFPD 118 % POWER			
	2.9041	2.7839	2.8899	4.4205	125 EFPD 118 % POWER			
	2.7996	2.6952	2.8108	4.2382	200 EFPD 118 % POWER			
	2.5076	2.4360	2.5482	3.6765	350 EFPD 118 % POWER			
	2.2808	2.2234	2.3190	3.2452	460 EFPD 118 % POWER			

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ***************************************************************************
 8 * 1.2891 * 1.7263 * 1.5781 * 1.7138 * 1.2566 * 1.6808 * 1.2276 * 3.0038 *
   * 1.5365 * 2.0020 * 1.8395 * 1.9423 * 1.4600 * 1.9048 * 1.4179 * 3.2368 *
   * 1.7218 * 2.1581 * 2.0010 * 2.0818 * 1.6388 * 2.0654 * 1.5704 * 3.3773 *
   * 1.7268 * 2.0737 * 1.9429 * 2.0325 * 1.6797 * 2.0563 * 1.6172 * 3.2929 *
   * 1.5925 * 1.8065 * 1.7135 * 1.8326 * 1.6156 * 1.9008 * 1.5819 * 2.8877 *
   * 1.5162 * 1.6732 * 1.5869 * 1.7118 * 1.5505 * 1.7689 * 1.5010 * 2.5529 *
   ***************************************************************************
 9 * 1.7263 * 1.3167 * 1.4940 * 1.2810 * 1.5861 * 1.4772 * 1.2205 * 2.8420 *
   * 2.0020 * 1.5686 * 1.7297 * 1.5020 * 1.7889 * 1.6559 * 1.4084 * 3.0830 *
   * 2.1581 * 1.7289 * 1.8742 * 1.6467 * 1.9142 * 1.7921 * 1.5589 * 3.2391 *
   * 2.0737 * 1.7088 * 1.8245 * 1.6462 * 1.8574 * 1.7871 * 1.6050 * 3.1780 *
   * 1.8065 * 1.5423 * 1.6299 * 1.5321 * 1.6658 * 1.6571 * 1.5704 * 2.8164 *
   * 1.6732 * 1.4481 * 1.5223 * 1.4610 * 1.5586 * 1.5380 * 1.4922 * 2.4934 *
   ***************************************************************************
10 * 1.5781 * 1.4947 * 1.5604 * 1.5258 * 1.3627 * 1.5766 * 1.3055 * 2.9771 *
   * 1.8395 * 1.7304 * 1.8070 * 1.7288 * 1.5696 * 1.7667 * 1.5004 * 3.2386 *
   * 2.0010 * 1.8749 * 1.9578 * 1.8342 * 1.6888 * 1.8831 * 1.6442 * 3.4064 *
   * 1.9429 * 1.8252 * 1.9059 * 1.7706 * 1.6720 * 1.8439 * 1.6727 * 3.3408 *
   * 1.7135 * 1.6305 * 1.7000 * 1.5787 * 1.5443 * 1.6714 * 1.6174 * 2.9568 *
   * 1.5869 * 1.5228 * 1.5906 * 1.4775 * 1.4593 * 1.5509 * 1.5352 * 2.6150 *
   ***************************************************************************
11 * 1.7138 * 1.2809 * 1.5256 * 1.3761 * 1.6365 * 1.2881 * 2.1328 * 4.6871 *
   * 1.9423 * 1.5016 * 1.7283 * 1.5891 * 1.8168 * 1.4794 * 2.3530 * 5.0260 *
   * 2.0818 * 1.6464 * 1.8338 * 1.7060 * 1.9022 * 1.6066 * 2.4944 * 5.1911 *
   * 2.0325 * 1.6460 * 1.7703 * 1.6798 * 1.8278 * 1.6166 * 2.4497 * 4.9866 *
   * 1.8326 * 1.5321 * 1.5787 * 1.5417 * 1.6255 * 1.5533 * 2.2217 * 4.1961 *
   * 1.7118 * 1.4610 * 1.4775 * 1.4645 * 1.5162 * 1.4901 * 2.0244 * 3.5870 *
   ***************************************************************************
12 * 1.2566 * 1.5848 * 1.3619 * 1.6359 * 1.7320 * 1.3002 * 2.6322 *
   * 1.4600 * 1.7876 * 1.5687 * 1.8160 * 1.8985 * 1.4721 * 2.8437 *
   * 1.6388 * 1.9131 * 1.6881 * 1.9016 * 1.9930 * 1.5851 * 2.9472 *
   * 1.6797 * 1.8566 * 1.6716 * 1.8274 * 1.9432 * 1.5997 * 2.8519 *
   * 1.6156 * 1.6655 * 1.5442 * 1.6253 * 1.7701 * 1.5490 * 2.5176 *
   * 1.5505 * 1.5584 * 1.4594 * 1.5161 * 1.6472 * 1.4776 * 2.2608 *
   ***************************************************************
13 * 1.6808 * 1.4742 * 1.5748 * 1.2873 * 1.2996 * 1.4253 * 3.2906 *
   * 1.9048 * 1.6527 * 1.7649 * 1.4786 * 1.4715 * 1.5968 * 3.5522 *
   * 2.0654 * 1.7894 * 1.8818 * 1.6060 * 1.5846 * 1.7122 * 3.6789 *
   * 2.0563 * 1.7849 * 1.8431 * 1.6163 * 1.5994 * 1.7287 * 3.5574 *
   * 1.9008 * 1.6558 * 1.6712 * 1.5534 * 1.5489 * 1.6500 * 3.1228 *
   * 1.7689 * 1.5373 * 1.5509 * 1.4902 * 1.4775 * 1.5746 * 2.7647 *
   ***************************************************************
14 * 1.2276 * 1.2188 * 1.3040 * 2.1309 * 2.6309 * 3.2336 *
   * 1.4179 * 1.4065 * 1.4989 * 2.3512 * 2.8424 * 3.4878 *
   * 1.5704 * 1.5573 * 1.6430 * 2.4931 * 2.9464 * 3.6201 *
   * 1.6172 * 1.6038 * 1.6720 * 2.4489 * 2.8513 * 3.5079 *
   * 1.5819 * 1.5698 * 1.6173 * 2.2217 * 2.5177 * 3.0911 *
   * 1.5010 * 1.4917 * 1.5353 * 2.0240 * 2.2609 * 2.7403 *
   *******************************************************
15 * 3.0037 * 2.8394 * 2.9749 * 4.6829 *   4 EFPD 118 % POWER
   * 3.2368 * 3.0805 * 3.2367 * 5.0221 *  50 EFPD 118 % POWER
   * 3.3773 * 3.2372 * 3.4052 * 5.1883 * 125 EFPD 118 % POWER
   * 3.2929 * 3.1766 * 3.3405 * 4.9851 * 200 EFPD 118 % POWER
   * 2.8877 * 2.8162 * 2.9574 * 4.1962 * 350 EFPD 118 % POWER
   * 2.5529 * 2.4934 * 2.6154 * 3.5873 * 460 EFPD 118 % POWER
   ************************************
```

TABLE A-2 (CONTINUED)

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

THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	2.9045	3.6724	3.6897	3.6466	2.8557	3.6782	3.1564	6.4708
	3.5178	4.3149	4.3393	4.2068	3.3773	4.2084	3.7028	7.1346
	3.9373	4.6721	4.7054	4.5406	3.7826	4.5608	4.0712	7.5415
	3.8858	4.4427	4.4923	4.3834	3.8199	4.4670	4.1031	7.3095
	3.3217	3.6155	3.6718	3.6798	3.3879	3.8214	3.6745	6.0202
	2.9484	3.1355	3.1798	3.2160	3.0194	3.3144	3.2256	4.9946
9	3.6724	2.9619	3.5093	2.8715	3.6584	3.5819	3.1499	6.2727
	4.3149	3.6024	4.1017	3.4314	4.2002	4.0630	3.6951	6.9469
	4.6721	4.0109	4.4404	3.7943	4.4911	4.3764	4.0577	7.3775
	4.4427	3.9479	4.2547	3.7644	4.3090	4.2839	4.0824	7.1850
	3.6155	3.3669	3.5207	3.2892	3.6014	3.6496	3.6544	5.9617
	3.1355	2.9770	3.0722	2.9367	3.1422	3.1492	3.2115	4.9485
10	3.6897	3.5104	3.7631	3.5187	2.9530	3.7044	3.4241	6.7156
	4.3393	4.1028	4.3866	4.0333	3.4863	4.1994	3.9892	7.4345
	4.7054	4.4416	4.7279	4.3003	3.8078	4.4725	4.3215	7.8756
	4.4923	4.2559	4.5127	4.1001	3.7616	4.3102	4.2856	7.6496
	3.6718	3.5218	3.7267	3.4100	3.2789	3.6205	3.7843	6.3269
	3.1798	3.0731	3.2473	2.9811	2.9224	3.1353	3.3260	5.2351
11	3.6466	2.8710	3.5175	2.9999	3.8268	3.1521	4.7049	10.1466
	4.2068	3.4304	4.0321	3.5476	4.3179	3.6752	5.2684	11.0628
	4.5406	3.7934	4.2994	3.8557	4.5460	3.9694	5.6075	11.4990
	4.3834	3.7638	4.0995	3.7864	4.3203	3.9214	5.4423	10.9451
	3.6798	3.2891	3.4099	3.2867	3.5850	3.4663	4.5936	8.6597
	3.2160	2.9367	2.9812	2.9311	3.1188	3.0727	3.9156	6.9696
12	2.8557	3.6559	2.9514	3.8253	4.1185	3.3435	5.8416	
	3.3773	4.1976	3.4844	4.3163	4.6093	3.8613	6.4361	
	3.7826	4.4887	3.8064	4.5448	4.8335	4.1383	6.7404	
	3.8199	4.3072	3.7607	4.3195	4.6133	4.0761	6.4746	
	3.3879	3.6006	3.2788	3.5848	3.8524	3.6157	5.3421	
	3.0194	3.1417	2.9225	3.1187	3.3332	3.1934	4.4813	
13	3.6782	3.5752	3.7006	3.1501	3.3418	3.8208	7.5640	
	4.2084	4.0561	4.1956	3.6732	3.8596	4.3715	8.2740	
	4.5608	4.3700	4.4693	3.9680	4.1369	4.6302	8.5955	
	4.4670	4.2786	4.3080	3.9206	4.0752	4.5198	8.2119	
	3.8214	3.6464	3.6198	3.4662	3.6152	3.9518	6.7126	
	3.3144	3.1472	3.1350	3.0728	3.1929	3.4834	5.5541	
14	3.1564	3.1457	3.4202	4.7013	5.8376	7.4520		
	3.7028	3.6906	3.9854	5.2651	6.4323	8.1476		
	4.0712	4.0538	4.3186	5.6052	6.7374	8.4819		
	4.1031	4.0794	4.2838	5.4411	6.4722	8.1240		
	3.6745	3.6527	3.7840	4.5936	5.3412	6.6746		
	3.2256	3.2104	3.3261	3.9150	4.4806	5.5301		
15	6.4708	6.2677	6.7098	10.1370	4 EFPD 118 % POWER			
	7.1346	6.9422	7.4292	11.0537	50 EFPD 118 % POWER			
	7.5415	7.3737	7.8719	11.4923	125 EFPD 118 % POWER			
	7.3095	7.1825	7.6478	10.9410	200 EFPD 118 % POWER			
	6.0202	5.9617	6.3275	8.6591	350 EFPD 118 % POWER			
	4.9946	4.9490	5.2354	6.9697	460 EFPD 118 % POWER			

TABLE A-3
F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.3355	1.2487	1.4135	1.2516	1.3676	1.2813	1.4372	.6306
	1.3353	1.3973	1.2696	1.4029	1.2797	1.3456	1.2046	2.5470
9	1.2487	1.4508	1.4507	1.4085	1.3809	1.4346	1.4159	.6589
	1.3973	1.2444	1.2276	1.2655	1.2606	1.2091	1.2258	2.4376
10	1.4135	1.4501	1.4721	1.4096	1.3579	1.3651	1.4264	.6534
	1.2696	1.2280	1.2110	1.2617	1.3023	1.2886	1.2202	2.4748
11	1.2516	1.4085	1.4098	1.3710	1.3212	1.2847	.9123	.4361
	1.4029	1.2655	1.2616	1.3141	1.3369	1.3824	1.8724	3.7110
12	1.3676	1.3831	1.3595	1.3214	1.2865	1.3105	.7086	
	1.2797	1.2588	1.3009	1.3367	1.3546	1.3413	2.3495	
13	1.2813	1.4375	1.3666	1.2855	1.3110	1.3969	.6161	
	1.3456	1.2069	1.2873	1.3819	1.3409	1.2432	2.6729	
14	1.4372	1.4182	1.4279	.9129	.7089	.6284		
	1.2046	1.2239	1.2191	1.8717	2.3492	2.6231		
15	.6306	.6595	.6539	.4364	F-DEL-H			
	2.5470	2.4359	2.4738	3.7092	M-DEL-H			

AT 100% POWER, 50 EFPD

	H	G	F	E	D	C	B	A
8	1.3370	1.1864	1.3213	1.2101	1.4136	1.2523	1.4512	.6529
	1.3188	1.4834	1.3510	1.4374	1.2737	1.4010	1.2296	2.5423
9	1.1864	1.3895	1.3737	1.3694	1.3501	1.4070	1.4338	.6783
	1.4834	1.2954	1.2882	1.3281	1.3092	1.2694	1.2473	2.4446
10	1.3213	1.3733	1.3800	1.3542	1.3497	1.3353	1.4355	.6629
	1.3510	1.2885	1.3022	1.3280	1.3415	1.3548	1.2489	2.5139
11	1.2101	1.3694	1.3543	1.3416	1.3066	1.3474	.9153	.4429
	1.4374	1.3276	1.3279	1.3709	1.3736	1.3566	1.9186	3.7776
12	1.4136	1.3521	1.3511	1.3069	1.2715	1.3531	.7316	
	1.2737	1.3075	1.3402	1.3731	1.3969	1.3393	2.3486	
13	1.2523	1.4095	1.3366	1.3481	1.3536	1.4093	.6229	
	1.4010	1.2672	1.3536	1.3560	1.3389	1.2751	2.7220	
14	1.4512	1.4359	1.4369	.9159	.7318	.6352		
	1.2296	1.2456	1.2479	1.9179	2.3481	2.6696		
15	.6529	.6788	.6633	.4432	F-DEL-H			
	2.5423	2.4430	2.5129	3.7757	M-DEL-H			

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 125 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.3608 * 1.1488 * 1.2460 * 1.1857 * 1.4400 * 1.2010 * 1.4398 *  .6637 *
   * 1.3134 * 1.5274 * 1.4267 * 1.4866 * 1.2456 * 1.4524 * 1.2307 * 2.5444 *
   ***********************************************************************
 9 * 1.1488 * 1.3545 * 1.3107 * 1.3822 * 1.3108 * 1.3539 * 1.4435 *  .6892 *
   * 1.5274 * 1.3367 * 1.3654 * 1.3132 * 1.3676 * 1.3107 * 1.2306 * 2.4489 *
   ***********************************************************************
10 * 1.2460 * 1.3103 * 1.3074 * 1.3203 * 1.3595 * 1.2956 * 1.4133 *  .6656 *
   * 1.4267 * 1.3658 * 1.3860 * 1.3772 * 1.3517 * 1.3941 * 1.2651 * 2.5479 *
   ***********************************************************************
11 * 1.1857 * 1.3824 * 1.3207 * 1.3375 * 1.3042 * 1.4120 *  .9112 *  .4474 *
   * 1.4866 * 1.3130 * 1.3769 * 1.3745 * 1.4014 * 1.2967 * 1.9529 * 3.7451 *
   ***********************************************************************
12 * 1.4400 * 1.3115 * 1.3601 * 1.3046 * 1.2528 * 1.4114 *  .7552 *
   * 1.2456 * 1.3669 * 1.3512 * 1.4010 * 1.4340 * 1.2838 * 2.3224 *
   ****************************************************************
13 * 1.2010 * 1.3559 * 1.2965 * 1.4125 * 1.4119 * 1.3937 *  .6262 *
   * 1.4524 * 1.3089 * 1.3932 * 1.2962 * 1.2835 * 1.2882 * 2.7635 *
   ****************************************************************
14 * 1.4398 * 1.4452 * 1.4143 *  .9115 *  .7554 *  .6386 *
   * 1.2307 * 1.2292 * 1.2643 * 1.9523 * 2.3220 * 2.7094 *
   *******************************************************
15 *  .6637 *  .6896 *  .6659 *  .4476 * F-DEL-H
   * 2.5444 * 2.4476 * 2.5472 * 3.8084 * M-DEL-H
   *************************************
```

AT 100% POWER, 200 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.3915 * 1.1462 * 1.2204 * 1.1694 * 1.4411 * 1.1555 * 1.4316 *  .6650 *
   * 1.2887 * 1.5350 * 1.4571 * 1.5076 * 1.2466 * 1.5026 * 1.2320 * 2.4849 *
   ***********************************************************************
 9 * 1.1462 * 1.3822 * 1.2874 * 1.4251 * 1.2932 * 1.3016 * 1.4367 *  .6901 *
   * 1.5350 * 1.3132 * 1.3900 * 1.2743 * 1.3682 * 1.3366 * 1.2308 * 2.3922 *
   ***********************************************************************
10 * 1.2204 * 1.2870 * 1.2779 * 1.3190 * 1.3837 * 1.2668 * 1.3824 *  .6641 *
   * 1.4571 * 1.3904 * 1.3985 * 1.3759 * 1.3278 * 1.4252 * 1.2891 * 2.4991 *
   ***********************************************************************
11 * 1.1694 * 1.4253 * 1.3192 * 1.3805 * 1.3079 * 1.4432 *  .9027 *  .4526 *
   * 1.5076 * 1.2741 * 1.3756 * 1.3321 * 1.3799 * 1.2685 * 1.9401 * 3.6875 *
   ***********************************************************************
12 * 1.4411 * 1.2937 * 1.3842 * 1.3082 * 1.2321 * 1.4403 *  .7665 *
   * 1.2466 * 1.3676 * 1.3273 * 1.3796 * 1.4317 * 1.2579 * 2.2430 *
   ****************************************************************
13 * 1.1555 * 1.3030 * 1.2674 * 1.4435 * 1.4406 * 1.3613 *  .6254 *
   * 1.5026 * 1.3351 * 1.4246 * 1.2683 * 1.2577 * 1.3172 * 2.7094 *
   ****************************************************************
14 * 1.4316 * 1.4379 * 1.3831 *  .9029 *  .7665 *  .6379 *
   * 1.2320 * 1.2298 * 1.2886 * 1.9399 * 2.2430 * 2.6565 *
   *******************************************************
15 *  .6650 *  .6904 *  .6642 *  .4527 * F-DEL-H
   * 2.4849 * 2.3912 * 2.4989 * 3.6869 * M-DEL-H
   *************************************
```

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 350 EFPD

```
    H        G        F        E        D        C        B        A
  ************************************************************************
 8 * 1.3993 * 1.1513 * 1.2025 * 1.1417 * 1.3995 * 1.0978 * 1.3949 *  .6801 *
   * 1.2645 * 1.5366 * 1.4822 * 1.5202 * 1.2406 * 1.5464 * 1.2212 * 2.4207 *
   ************************************************************************
 9 * 1.1513 * 1.4278 * 1.2611 * 1.4562 * 1.2680 * 1.2361 * 1.4020 *  .7032 *
   * 1.5366 * 1.2594 * 1.4047 * 1.2148 * 1.3707 * 1.3763 * 1.2197 * 2.3399 *
   ************************************************************************
10 * 1.2025 * 1.2607 * 1.2473 * 1.3048 * 1.4485 * 1.2329 * 1.3518 *  .6790 *
   * 1.4822 * 1.4051 * 1.4162 * 1.3557 * 1.2396 * 1.4200 * 1.2779 * 2.3901 *
   ************************************************************************
11 * 1.1417 * 1.4563 * 1.3049 * 1.4549 * 1.2992 * 1.4347 *  .9002 *  .4807 *
   * 1.5202 * 1.2147 * 1.3556 * 1.2307 * 1.3612 * 1.2346 * 1.9350 * 3.3913 *
   ************************************************************************
12 * 1.3995 * 1.2683 * 1.4487 * 1.2993 * 1.1970 * 1.4297 *  .7860 *
   * 1.2406 * 1.3704 * 1.2395 * 1.3611 * 1.4435 * 1.2213 * 2.1338 *
   ******************************************************************
13 * 1.0978 * 1.2369 * 1.2331 * 1.4347 * 1.4298 * 1.3115 *  .6378 *
   * 1.5464 * 1.3755 * 1.4198 * 1.2346 * 1.2212 * 1.3154 * 2.5897 *
   ******************************************************************
14 * 1.3949 * 1.4026 * 1.3519 *  .9002 *  .7858 *  .6499 *
   * 1.2212 * 1.2191 * 1.2778 * 1.9352 * 2.1344 * 2.5432 *
   ********************************************************
15 *  .6801 *  .7034 *  .6789 *  .4807 * F-DEL-H
   * 2.4207 * 2.3392 * 2.3906 * 3.3917 * M-DEL-H
   ************************************
```

AT 100% POWER, 460 EFPD

```
    H        G        F        E        D        C        B        A
  ************************************************************************
 8 * 1.3705 * 1.1411 * 1.1854 * 1.1206 * 1.3573 * 1.0805 * 1.3814 *  .7086 *
   * 1.2670 * 1.5211 * 1.4736 * 1.5196 * 1.2570 * 1.5441 * 1.2383 * 2.2845 *
   ************************************************************************
 9 * 1.1411 * 1.4275 * 1.2340 * 1.4311 * 1.2376 * 1.2185 * 1.3873 *  .7305 *
   * 1.5211 * 1.2592 * 1.4088 * 1.2354 * 1.3774 * 1.3732 * 1.2375 * 2.2131 *
   ************************************************************************
10 * 1.1854 * 1.2336 * 1.2174 * 1.2737 * 1.4366 * 1.2143 * 1.3446 *  .7084 *
   * 1.4736 * 1.4092 * 1.4229 * 1.3623 * 1.2444 * 1.4185 * 1.2889 * 2.2955 *
   ************************************************************************
11 * 1.1206 * 1.4311 * 1.2737 * 1.4371 * 1.2723 * 1.4089 *  .9139 *  .5174 *
   * 1.5196 * 1.2354 * 1.3623 * 1.2432 * 1.3615 * 1.2574 * 1.8714 * 3.1560 *
   ************************************************************************
12 * 1.3573 * 1.2377 * 1.4365 * 1.2724 * 1.1746 * 1.4107 *  .8090 *
   * 1.2570 * 1.3773 * 1.2443 * 1.3614 * 1.4387 * 1.2382 * 2.0697 *
   ******************************************************************
13 * 1.0805 * 1.2189 * 1.2143 * 1.4088 * 1.4107 * 1.2985 *  .6635 *
   * 1.5441 * 1.3727 * 1.4184 * 1.2574 * 1.2381 * 1.3326 * 2.4888 *
   ******************************************************************
14 * 1.3814 * 1.3876 * 1.3445 *  .9138 *  .8088 *  .6752 *
   * 1.2383 * 1.2371 * 1.2890 * 1.8718 * 2.0703 * 2.4462 *
   ********************************************************
15 *  .7086 *  .7306 *  .7082 *  .5173 * F-DEL-H
   * 2.2845 * 2.2127 * 2.2962 * 3.1566 * M-DEL-H
   ************************************
```

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 4 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.2616 * 1.2469 * 1.4351 * 1.2745 * 1.3984 * 1.3124 * 1.4746 *  .6369 *
   * 1.6316 * 1.7242 * 1.4773 * 1.6248 * 1.4886 * 1.5472 * 1.4313 * 3.0579 *
   ***********************************************************************
 9 * 1.2469 * 1.4755 * 1.4836 * 1.4389 * 1.4151 * 1.4761 * 1.4521 *  .6654 *
   * 1.7242 * 1.4088 * 1.4213 * 1.4227 * 1.4517 * 1.3921 * 1.4655 * 2.9245 *
   ***********************************************************************
10 * 1.4351 * 1.4830 * 1.5078 * 1.4405 * 1.3812 * 1.3903 * 1.4544 *  .6563 *
   * 1.4773 * 1.4217 * 1.4088 * 1.4715 * 1.4749 * 1.5145 * 1.4657 * 2.9787 *
   ***********************************************************************
11 * 1.2745 * 1.4389 * 1.4407 * 1.3886 * 1.3077 * 1.2801 *  .9071 *  .4299 *
   * 1.6248 * 1.4227 * 1.4713 * 1.5109 * 1.6298 * 1.7334 * 2.3095 * 4.5410 *
   ***********************************************************************
12 * 1.3984 * 1.4175 * 1.3830 * 1.3082 * 1.1471 * 1.2533 *  .6798 *
   * 1.4886 * 1.4496 * 1.4732 * 1.6295 * 1.6511 * 1.6828 * 2.9717 *
   ****************************************************************
13 * 1.3124 * 1.4793 * 1.3920 * 1.2810 * 1.2538 * 1.3357 *  .5820 *
   * 1.5472 * 1.3894 * 1.5129 * 1.7326 * 1.6822 * 1.5587 * 3.3838 *
   ****************************************************************
14 * 1.4746 * 1.4547 * 1.4561 *  .9079 *  .6801 *  .5938 *
   * 1.4313 * 1.4632 * 1.4642 * 2.3084 * 2.9713 * 3.3202 *
   *******************************************************
15 *  .6369 *  .6659 *  .6568 *  .4303 * F-DEL-H
   * 3.0579 * 2.9223 * 2.9772 * 4.5380 * M-DEL-H
   *************************************
```

AT 75% POWER, 50 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.2229 * 1.1628 * 1.3306 * 1.2299 * 1.4461 * 1.2813 * 1.4905 *  .6611 *
   * 1.6548 * 1.8197 * 1.6119 * 1.6983 * 1.4590 * 1.6160 * 1.4208 * 2.9741 *
   ***********************************************************************
 9 * 1.1628 * 1.4043 * 1.3967 * 1.3933 * 1.3817 * 1.4476 * 1.4723 *  .6867 *
   * 1.8197 * 1.5832 * 1.5324 * 1.5365 * 1.5141 * 1.4488 * 1.4472 * 2.8567 *
   ***********************************************************************
10 * 1.3306 * 1.3962 * 1.4055 * 1.3780 * 1.3729 * 1.3594 * 1.4658 *  .6674 *
   * 1.6119 * 1.5328 * 1.5348 * 1.5708 * 1.5783 * 1.5779 * 1.4567 * 2.9588 *
   ***********************************************************************
11 * 1.2299 * 1.3933 * 1.3782 * 1.3555 * 1.3000 * 1.3376 *  .9125 *  .4376 *
   * 1.6983 * 1.5360 * 1.5706 * 1.6513 * 1.6855 * 1.6541 * 2.3401 * 4.5131 *
   ***********************************************************************
12 * 1.4461 * 1.3839 * 1.3745 * 1.3005 * 1.1395 * 1.3031 *  .7061 *
   * 1.4590 * 1.5119 * 1.5766 * 1.6850 * 1.7120 * 1.6295 * 2.9815 *
   ****************************************************************
13 * 1.2813 * 1.4504 * 1.3608 * 1.3384 * 1.3036 * 1.3569 *  .5924 *
   * 1.6160 * 1.4461 * 1.5763 * 1.6533 * 1.6290 * 1.5456 * 3.4543 *
   ****************************************************************
14 * 1.4905 * 1.4747 * 1.4675 *  .9132 *  .7064 *  .6043 *
   * 1.4208 * 1.4451 * 1.4554 * 2.3391 * 2.9808 * 3.3869 *
   *******************************************************
15 *  .6611 *  .6873 *  .6678 *  .4380 * F-DEL-H
   * 2.9741 * 2.8548 * 2.9575 * 4.5108 * M-DEL-H
   *************************************
```

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 125 EFPD

	H	G	F	E	D	C	B	A
8	1.2161	1.1003	1.2469	1.2057	1.4743	1.2286	1.4838	.6743
	1.6251	1.9210	1.7117	1.7303	1.4286	1.6779	1.4243	2.9894
9	1.1003	1.3537	1.3281	1.4071	1.3392	1.3933	1.4863	.7001
	1.9210	1.6426	1.6087	1.5266	1.5647	1.4971	1.4258	2.8726
10	1.2469	1.3276	1.3271	1.3417	1.3826	1.3186	1.4454	.6718
	1.7117	1.6091	1.6214	1.6030	1.5884	1.6214	1.4814	3.0026
11	1.2057	1.4074	1.3421	1.3414	1.2992	1.4066	.9097	.4428
	1.7303	1.5260	1.6026	1.6699	1.6930	1.6054	2.3830	4.5148
12	1.4743	1.3400	1.3833	1.2996	1.1114	1.3584	.7311	
	1.4286	1.5636	1.5877	1.6926	1.7316	1.5844	2.8889	
13	1.2286	1.3955	1.3197	1.4072	1.3588	1.3405	.5963	
	1.6779	1.4949	1.6201	1.6048	1.5839	1.5925	3.4378	
14	1.4838	1.4882	1.4465	.9101	.7312	.6083		
	1.4243	1.4241	1.4803	2.3823	2.8885	3.3706		
15	.6743	.7005	.6721	.4430	F-DEL-H			
	2.9894	2.8710	3.0018	4.5132	M-DEL-H			

AT 75% POWER, 200 EFPD

	H	G	F	E	D	C	B	A
8	1.2346	1.0908	1.2189	1.1906	1.4769	1.1819	1.4773	.6765
	1.5928	1.9315	1.7614	1.7543	1.4256	1.7348	1.4191	2.9689
9	1.0908	1.3590	1.3048	1.4566	1.3202	1.3389	1.4813	.7019
	1.9315	1.6287	1.6423	1.4802	1.5894	1.5478	1.4183	2.8547
10	1.2189	1.3043	1.2969	1.3429	1.4086	1.2880	1.4119	.6708
	1.7614	1.6428	1.6625	1.6027	1.5634	1.6514	1.4978	2.9970
11	1.1906	1.4568	1.3432	1.3852	1.3043	1.4387	.9012	.4479
	1.7543	1.4799	1.6023	1.6159	1.6913	1.5359	2.3909	4.4450
12	1.4769	1.3208	1.4090	1.3046	1.1022	1.3855	.7417	
	1.4256	1.5886	1.5629	1.6910	1.7530	1.5192	2.8356	
13	1.1819	1.3405	1.2887	1.4391	1.3859	1.3041	.5943	
	1.7348	1.5459	1.6504	1.5355	1.5189	1.5924	3.4312	
14	1.4773	1.4826	1.4126	.9014	.7417	.6063		
	1.4191	1.4170	1.4971	2.3906	2.8356	3.3635		
15	.6765	.7022	.6710	.4480	F-DEL-H			
	2.9689	2.8534	2.9966	4.4442	M-DEL-H			

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 350 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.2170 * 1.0968 * 1.2027 * 1.1687 * 1.4423 * 1.1276 * 1.4478 *  .6962 *
   * 1.5823 * 1.8842 * 1.7721 * 1.7700 * 1.4624 * 1.7931 * 1.4464 * 2.8483 *
   ***********************************************************************
 9 * 1.0968 * 1.4264 * 1.2848 * 1.5004 * 1.3016 * 1.2760 * 1.4530 *  .7195 *
   * 1.8842 * 1.5662 * 1.6454 * 1.4410 * 1.5944 * 1.5918 * 1.4424 * 2.7504 *
   ***********************************************************************
10 * 1.2027 * 1.2844 * 1.2699 * 1.3362 * 1.4794 * 1.2570 * 1.3850 *  .6888 *
   * 1.7721 * 1.6459 * 1.6691 * 1.5836 * 1.4859 * 1.6630 * 1.5215 * 2.8757 *
   ***********************************************************************
11 * 1.1687 * 1.5005 * 1.3363 * 1.4662 * 1.2957 * 1.4274 *  .8988 *  .4761 *
   * 1.7700 * 1.4409 * 1.5834 * 1.5203 * 1.6861 * 1.5329 * 2.3264 * 4.1525 *
   ***********************************************************************
12 * 1.4423 * 1.3019 * 1.4795 * 1.2959 * 1.0787 * 1.3596 *  .7558 *
   * 1.4624 * 1.5941 * 1.4857 * 1.6859 * 1.7931 * 1.5152 * 2.6870 *
   ***************************************************************
13 * 1.1276 * 1.2769 * 1.2573 * 1.4274 * 1.3597 * 1.2355 *  .5988 *
   * 1.7931 * 1.5907 * 1.6625 * 1.5328 * 1.5151 * 1.6398 * 3.2780 *
   ***************************************************************
14 * 1.4478 * 1.4537 * 1.3852 *  .8988 *  .7557 *  .6102 *
   * 1.4464 * 1.4416 * 1.5213 * 2.3267 * 2.6877 * 3.2189 *
   *******************************************************
15 *  .6962 *  .7197 *  .6888 *  .4761 * F-DEL-H
   * 2.8483 * 2.7495 * 2.8761 * 4.1527 * M-DEL-H
   *************************************
```

AT 75% POWER, 460 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.1867 * 1.0870 * 1.1859 * 1.1528 * 1.4061 * 1.1170 * 1.4450 *  .7317 *
   * 1.5711 * 1.8921 * 1.7980 * 1.7961 * 1.4776 * 1.8245 * 1.4354 * 2.7488 *
   ***********************************************************************
 9 * 1.0870 * 1.4244 * 1.2613 * 1.4798 * 1.2758 * 1.2668 * 1.4487 *  .7539 *
   * 1.8921 * 1.5262 * 1.6736 * 1.4329 * 1.6246 * 1.6133 * 1.4304 * 2.6611 *
   ***********************************************************************
10 * 1.1859 * 1.2609 * 1.2423 * 1.3086 * 1.4724 * 1.2425 * 1.3850 *  .7238 *
   * 1.7980 * 1.6740 * 1.7012 * 1.6075 * 1.4586 * 1.6776 * 1.5054 * 2.7698 *
   ***********************************************************************
11 * 1.1528 * 1.4798 * 1.3087 * 1.4472 * 1.2660 * 1.3985 *  .9144 *  .5145 *
   * 1.7961 * 1.4328 * 1.6075 * 1.4986 * 1.6712 * 1.5219 * 2.2834 * 3.8744 *
   ***********************************************************************
12 * 1.4061 * 1.2760 * 1.4725 * 1.2661 * 1.0487 * 1.3252 *  .7745 *
   * 1.4776 * 1.6244 * 1.4585 * 1.6711 * 1.7749 * 1.4992 * 2.6066 *
   ***************************************************************
13 * 1.1170 * 1.2672 * 1.2426 * 1.3984 * 1.3253 * 1.2071 *  .6175 *
   * 1.8245 * 1.6126 * 1.6774 * 1.5219 * 1.4991 * 1.6220 * 3.1563 *
   ***************************************************************
14 * 1.4450 * 1.4491 * 1.3850 *  .9143 *  .7743 *  .6285 *
   * 1.4354 * 1.4298 * 1.5053 * 2.2838 * 2.6074 * 3.1020 *
   *******************************************************
15 *  .7317 *  .7540 *  .7236 *  .5145 * F-DEL-H
   * 2.7488 * 2.6606 * 2.7705 * 3.8750 * M-DEL-H
   *************************************
```

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 4 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.1801 * 1.2482 * 1.4619 * 1.3063 * 1.4424 * 1.3560 * 1.5272 *  .6506 *
   * 1.4948 * 1.6798 * 1.4200 * 1.5736 * 1.4485 * 1.4933 * 1.3715 * 2.9463 *
   ***********************************************************************
 9 * 1.2482 * 1.5072 * 1.5252 * 1.4778 * 1.4612 * 1.5316 * 1.5022 *  .6793 *
   * 1.6798 * 1.3659 * 1.3672 * 1.3792 * 1.4019 * 1.3418 * 1.4044 * 2.8646 *
   ***********************************************************************
10 * 1.4619 * 1.5246 * 1.5515 * 1.4790 * 1.4123 * 1.4225 * 1.4916 *  .6649 *
   * 1.4200 * 1.3676 * 1.3529 * 1.4218 * 1.4467 * 1.4725 * 1.4140 * 2.9503 *
   ***********************************************************************
11 * 1.3063 * 1.4778 * 1.4792 * 1.4094 * 1.2909 * 1.2704 *  .9029 *  .4258 *
   * 1.5736 * 1.3792 * 1.4216 * 1.4972 * 1.5845 * 1.6885 * 2.3117 * 4.5793 *
   ***********************************************************************
12 * 1.4424 * 1.4639 * 1.4143 * 1.2915 * 1.0550 * 1.1651 *  .6439 *
   * 1.4485 * 1.3996 * 1.4449 * 1.5842 * 1.5984 * 1.6331 * 2.9367 *
   ***************************************************************
13 * 1.3560 * 1.5352 * 1.4244 * 1.2714 * 1.1657 * 1.2323 *  .5360 *
   * 1.4933 * 1.3389 * 1.4706 * 1.6878 * 1.6326 * 1.4928 * 3.3337 *
   ***************************************************************
14 * 1.5272 * 1.5051 * 1.4936 *  .9037 *  .6442 *  .5468 *
   * 1.3715 * 1.4019 * 1.4124 * 2.3104 * 2.9362 * 3.2702 *
   *******************************************************
15 *  .6506 *  .6800 *  .6655 *  .4262 * F-DEL-H
   * 2.9463 * 2.8623 * 2.9486 * 4.5762 * M-DEL-H
   *************************************
```

AT 50% POWER, 50 EFPD

```
     H        G        F        E        D        C        B        A
   ***********************************************************************
 8 * 1.1405 * 1.1522 * 1.3468 * 1.2579 * 1.4901 * 1.3209 * 1.5442 *  .6763 *
   * 1.5979 * 1.7801 * 1.5342 * 1.6280 * 1.4334 * 1.5434 * 1.3894 * 2.9423 *
   ***********************************************************************
 9 * 1.1522 * 1.4235 * 1.4261 * 1.4244 * 1.4235 * 1.5008 * 1.5236 *  .7022 *
   * 1.7801 * 1.5280 * 1.4601 * 1.4917 * 1.4462 * 1.3780 * 1.4160 * 2.8244 *
   ***********************************************************************
10 * 1.3468 * 1.4256 * 1.4368 * 1.4077 * 1.4030 * 1.3895 * 1.5050 *  .6772 *
   * 1.5342 * 1.4604 * 1.4576 * 1.4970 * 1.5761 * 1.5197 * 1.4389 * 2.9396 *
   ***********************************************************************
11 * 1.2579 * 1.4250 * 1.4079 * 1.3717 * 1.2868 * 1.3204 *  .9105 *  .4344 *
   * 1.6280 * 1.4912 * 1.4968 * 1.6589 * 1.6163 * 1.6538 * 2.3354 * 4.5689 *
   ***********************************************************************
12 * 1.4901 * 1.4259 * 1.4047 * 1.2874 * 1.0567 * 1.2269 *  .6744 *
   * 1.4334 * 1.4440 * 1.5743 * 1.6158 * 1.6358 * 1.6175 * 2.8780 *
   ***************************************************************
13 * 1.3209 * 1.5040 * 1.3912 * 1.3214 * 1.2275 * 1.2697 *  .5522 *
   * 1.5434 * 1.3752 * 1.5178 * 1.6530 * 1.6169 * 1.5102 * 3.3345 *
   ***************************************************************
14 * 1.5442 * 1.5263 * 1.5069 *  .9113 *  .6747 *  .5633 *
   * 1.3894 * 1.4136 * 1.4372 * 2.3342 * 2.8776 * 3.2714 *
   *******************************************************
15 *  .6763 *  .7028 *  .6778 *  .4348 * F-DEL-H
   * 2.9423 * 2.8223 * 2.9380 * 4.5661 * M-DEL-H
   *************************************
```

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 125 EFPD

	H	G	F	E	D	C	B	A
8	1.0918	1.0800	1.2639	1.2392	1.5284	1.2734	1.5503	.6961
	1.6087	1.8597	1.6478	1.6726	1.3942	1.6343	1.3857	2.9067
9	1.0800	1.3679	1.3547	1.4448	1.3829	1.4527	1.5513	.7224
	1.8597	1.6235	1.5493	1.4978	1.5263	1.4547	1.3883	2.7897
10	1.2639	1.3543	1.3537	1.3720	1.4160	1.3517	1.4922	.6869
	1.6478	1.5497	1.5563	1.5712	1.5605	1.5868	1.4444	2.9388
11	1.2392	1.4455	1.3725	1.3571	1.2849	1.3894	.9098	.4415
	1.6726	1.4971	1.5707	1.6697	1.6542	1.5588	2.3548	4.5443
12	1.5284	1.3838	1.4168	1.2854	1.0379	1.2681	.6967	
	1.3942	1.5242	1.5597	1.6538	1.6798	1.5265	2.7991	
13	1.2734	1.4552	1.3530	1.3902	1.2686	1.2409	.5522	
	1.6343	1.4522	1.5853	1.5583	1.5261	1.5176	3.3255	
14	1.5503	1.5535	1.4936	.9103	.6969	.5633		
	1.3856	1.3864	1.4431	2.3540	2.7990	3.2624		
15	.6961	.7229	.6873	.4418	F-DEL-H			
	2.9067	2.7880	2.9377	4.5423	M-DEL-H			

AT 50% POWER, 200 EFPD

	H	G	F	E	D	C	B	A
8	1.0910	1.0620	1.2362	1.2328	1.5407	1.2312	1.5220	.6931
	1.5770	1.8741	1.6964	1.6933	1.3897	1.6648	1.3785	2.8830
9	1.0620	1.3700	1.3344	1.5070	1.3696	1.3999	1.5500	.7228
	1.8741	1.6244	1.5821	1.4487	1.5507	1.5045	1.3784	2.7675
10	1.2362	1.3339	1.3001	1.3798	1.4520	1.3271	1.4634	.6895
	1.6964	1.5825	1.5953	1.5672	1.5260	1.6147	1.4686	2.9277
11	1.2328	1.5074	1.3802	1.3836	1.2926	1.4240	.9051	.4493
	1.6933	1.4483	1.5667	1.6027	1.6535	1.5062	2.3561	4.4717
12	1.5407	1.3704	1.4525	1.2929	1.0231	1.2818	.7063	
	1.3897	1.5499	1.5254	1.6532	1.6960	1.4790	2.7416	
13	1.2312	1.4018	1.3280	1.4245	1.2822	1.1930	.5472	
	1.6648	1.5024	1.6136	1.5059	1.4787	1.5410	3.3100	
14	1.5220	1.5516	1.4644	.9054	.7064	.5583		
	1.3785	1.3769	1.4676	2.3557	2.7418	3.2466		
15	.6931	.7231	.6897	.4494	F-DEL-H			
	2.8830	2.7662	2.9272	4.4706	M-DEL-H			

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 350 EFPD

	H	G	F	E	D	C	B	A
8	1.0954	1.0667	1.2124	1.2139	1.5113	1.1710	1.4217	.6891
	1.4676	1.8560	1.7252	1.7154	1.3908	1.7303	1.3731	2.7947
9	1.0667	1.4114	1.3136	1.5605	1.3549	1.3221	1.5020	.7235
	1.8560	1.5212	1.5962	1.3719	1.5380	1.5347	1.3697	2.6911
10	1.2124	1.3131	1.2161	1.3784	1.5281	1.3011	1.4393	.7058
	1.7252	1.5966	1.6173	1.5271	1.4271	1.5927	1.4597	2.8377
11	1.2139	1.5606	1.3786	1.4767	1.2965	1.4297	.9106	.4805
	1.7154	1.3718	1.5269	1.4923	1.6018	1.4505	2.2020	4.0437
12	1.5113	1.3552	1.5283	1.2966	1.0044	1.2674	.7292	
	1.3908	1.5375	1.4268	1.6016	1.6613	1.4400	2.6441	
13	1.1710	1.3231	1.3014	1.4297	1.2675	1.1392	.5590	
	1.7303	1.5333	1.5922	1.4504	1.4398	1.5583	3.2248	
14	1.4217	1.5028	1.4395	.9106	.7291	.5697		
	1.3731	1.3687	1.4594	2.2023	2.6447	3.1659		
15	.6891	.7238	.7058	.4805	F-DEL-H			
	2.7947	2.6901	2.8381	4.0440	M-DEL-H			

AT 50% POWER, 460 EFPD

	H	G	F	E	D	C	B	A
8	1.0647	1.0590	1.1925	1.1978	1.4745	1.1555	1.3734	.7068
	1.3849	1.8621	1.7502	1.7408	1.4253	1.7614	1.3818	2.6949
9	1.0590	1.4159	1.2849	1.5391	1.3297	1.3008	1.4872	.7467
	1.8621	1.4777	1.6222	1.3788	1.5648	1.5559	1.3772	2.6014
10	1.1925	1.2845	1.1565	1.3487	1.5314	1.2911	1.4420	.7399
	1.7502	1.6227	1.6463	1.5465	1.3974	1.5989	1.4597	2.7300
11	1.1978	1.5392	1.3487	1.4635	1.2740	1.4162	.9342	.5224
	1.7408	1.3787	1.5464	1.4526	1.6164	1.4419	2.1454	3.7472
12	1.4745	1.3299	1.5315	1.2740	.9800	1.2504	.7582	
	1.4253	1.5645	1.3973	1.6163	1.5876	1.4455	2.5625	
13	1.1555	1.3014	1.2912	1.4161	1.2504	1.1322	.5871	
	1.7614	1.5550	1.5986	1.4420	1.4454	1.5697	3.1150	
14	1.3734	1.4875	1.4420	.9341	.7580	.5976		
	1.3818	1.3766	1.4596	2.1459	2.5632	3.0612		
15	.7068	.7469	.7398	.5223	F-DEL-H			
	2.6949	2.6008	2.7308	3.7479	M-DEL-H			

TABLE A-4

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	.5762	.5921	.5926	.5968	.6808	.5837	.5726	.3136
	2.7779	3.1667	3.2917	3.1651	2.7507	3.1893	3.2183	5.3693
9	.5921	.6756	.6159	.6831	.5903	.5676	.5716	.3156
	3.1667	2.8853	3.1288	2.7928	3.1968	3.2895	3.2408	5.2956
10	.5926	.6158	.5793	.6071	.6512	.5557	.5264	.2928
	3.2917	3.1291	3.3601	3.1704	2.9710	3.4660	3.5951	5.7809
11	.5968	.6832	.6072	.6419	.5490	.5711	.4079	.2128
	3.1651	2.7924	3.1699	3.0456	3.5363	3.3373	4.4135	8.2754
12	.6808	.5904	.6514	.5491	.4653	.5029	.3269	
	2.7507	3.1960	2.9698	3.5357	3.7905	3.5347	5.2503	
13	.5837	.5687	.5561	.5713	.5029	.4369	.2444	
	3.1893	3.2832	3.4636	3.3366	3.5347	3.9938	6.8354	
14	.5726	.5723	.5268	.4080	.3268	.2499		
	3.2183	3.2368	3.5925	4.4127	5.2520	6.6901		
15	.3136	.3158	.2929	.2128	F-SUB-Q			
	5.3693	5.2933	5.7789	8.2724	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.3689	1.2059	1.3023	1.2070	1.4312	1.2059	1.3633	.6613
	1.3473	1.5850	1.5348	1.5961	1.3358	1.5775	1.3816	2.6048
9	1.2059	1.4138	1.3430	1.4150	1.2761	1.2681	1.3639	.6862
	1.5850	1.3911	1.4701	1.3793	1.5090	1.5030	1.3872	2.4892
10	1.3023	1.3427	1.2998	1.3059	1.3025	1.2251	1.2741	.6513
	1.5348	1.4704	1.5279	1.5090	1.5186	1.6008	1.5175	2.6571
11	1.2070	1.4151	1.3060	1.2909	1.1961	1.3082	.8778	.4484
	1.5961	1.3791	1.5088	1.5241	1.6343	1.4832	2.0788	4.0097
12	1.4312	1.2767	1.3030	1.1963	1.0721	1.2427	.7195	
	1.3358	1.5083	1.5181	1.6340	1.7086	1.4935	2.4319	
13	1.2059	1.2705	1.2259	1.3085	1.2428	1.0982	.5712	
	1.5775	1.5004	1.5997	1.4829	1.4934	1.6738	2.9893	
14	1.3633	1.3653	1.2748	.8779	.7194	.5742		
	1.3816	1.3857	1.5166	2.0786	2.4326	2.9761		
15	.6613	.6867	.6514	.4485	F-SUB-Q			
	2.6049	2.4879	2.6565	4.0084	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4242 * 1.3871 * 1.5206 * 1.3703 * 1.4095 * 1.3775 * 1.4568 *  .7310 *
   * 1.3938 * 1.4362 * 1.3352 * 1.4455 * 1.3721 * 1.3993 * 1.3127 * 2.3897 *
   ************************************************************************
 9 * 1.3871 * 1.5192 * 1.5377 * 1.4577 * 1.4739 * 1.4853 * 1.4220 *  .7653 *
   * 1.4362 * 1.3347 * 1.3045 * 1.3654 * 1.3188 * 1.3026 * 1.3482 * 2.2584 *
   ************************************************************************
10 * 1.5206 * 1.5374 * 1.5565 * 1.4936 * 1.4041 * 1.4217 * 1.4220 *  .7478 *
   * 1.3352 * 1.3048 * 1.2929 * 1.3404 * 1.4158 * 1.3975 * 1.3768 * 2.3472 *
   ************************************************************************
11 * 1.3703 * 1.4577 * 1.4937 * 1.4199 * 1.3889 * 1.3081 * 1.0050 *  .5157 *
   * 1.4455 * 1.3654 * 1.3402 * 1.4263 * 1.4212 * 1.5148 * 1.8404 * 3.5361 *
   ************************************************************************
12 * 1.4095 * 1.4754 * 1.4046 * 1.3892 * 1.3421 * 1.3159 *  .8039 *
   * 1.3721 * 1.3174 * 1.4147 * 1.4211 * 1.4399 * 1.4638 * 2.2175 *
   ****************************************************************
13 * 1.3775 * 1.4880 * 1.4227 * 1.3085 * 1.3161 * 1.3360 *  .6744 *
   * 1.3993 * 1.3002 * 1.3964 * 1.5145 * 1.4636 * 1.4123 * 2.5832 *
   ****************************************************************
14 * 1.4568 * 1.4235 * 1.4229 * 1.0051 *  .8038 *  .6861 *
   * 1.3127 * 1.3467 * 1.3758 * 1.8403 * 2.2179 * 2.5409 *
   ******************************************************
15 *  .7310 *  .7659 *  .7480 *  .5158 * F-SUB-Q
   * 2.3897 * 2.2571 * 2.3466 * 3.5350 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5347 * 1.4762 * 1.6378 * 1.4562 * 1.5098 * 1.4710 * 1.5829 *  .7429 *
   * 1.3268 * 1.3953 * 1.2600 * 1.3794 * 1.2962 * 1.3268 * 1.2238 * 2.3833 *
   ************************************************************************
 9 * 1.4762 * 1.6451 * 1.6533 * 1.5789 * 1.5795 * 1.6057 * 1.5468 *  .7780 *
   * 1.3953 * 1.2539 * 1.2304 * 1.2814 * 1.2470 * 1.2204 * 1.2569 * 2.2522 *
   ************************************************************************
10 * 1.6378 * 1.6529 * 1.6842 * 1.6033 * 1.5145 * 1.5343 * 1.5566 *  .7720 *
   * 1.2600 * 1.2306 * 1.2103 * 1.2670 * 1.3249 * 1.3113 * 1.2736 * 2.3043 *
   ************************************************************************
11 * 1.4562 * 1.5789 * 1.6034 * 1.5384 * 1.4886 * 1.4145 * 1.0496 *  .5322 *
   * 1.3794 * 1.2815 * 1.2669 * 1.3365 * 1.3409 * 1.4275 * 1.7904 * 3.4714 *
   ************************************************************************
12 * 1.5098 * 1.5812 * 1.5158 * 1.4888 * 1.4602 * 1.4306 *  .8237 *
   * 1.2962 * 1.2456 * 1.3238 * 1.3407 * 1.3521 * 1.3754 * 2.2065 *
   ****************************************************************
13 * 1.4710 * 1.6088 * 1.5354 * 1.4150 * 1.4309 * 1.4934 *  .7112 *
   * 1.3268 * 1.2181 * 1.3102 * 1.4271 * 1.3752 * 1.2902 * 2.4994 *
   ****************************************************************
14 * 1.5829 * 1.5487 * 1.5577 * 1.0497 *  .8237 *  .7253 *
   * 1.2238 * 1.2555 * 1.2726 * 1.7902 * 2.2066 * 2.4528 *
   ******************************************************
15 *  .7429 *  .7786 *  .7722 *  .5323 * F-SUB-Q
   * 2.3833 * 2.2508 * 2.3038 * 3.4701 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.5765	1.4999	1.6720	1.4815	1.5573	1.5011	1.6363	.7509
	1.3203	1.3993	1.2543	1.3769	1.2763	1.3202	1.2017	2.3960
9	1.4999	1.6927	1.6916	1.6261	1.6136	1.6439	1.6017	.7894
	1.3993	1.2363	1.2201	1.2639	1.2392	1.2084	1.2329	2.2553
10	1.6720	1.6912	1.7239	1.6393	1.5611	1.5739	1.6149	.7854
	1.2543	1.2204	1.1995	1.2574	1.3046	1.2966	1.2446	2.2996
11	1.4815	1.6261	1.6395	1.5843	1.5283	1.4610	1.0739	.5365
	1.3769	1.2639	1.2573	1.3203	1.3317	1.4066	1.7804	3.4928
12	1.5573	1.6156	1.5625	1.5285	1.5000	1.4845	.8396	
	1.2763	1.2377	1.3034	1.3316	1.3433	1.3531	2.2105	
13	1.5011	1.6472	1.5752	1.4616	1.4848	1.5662	.7305	
	1.3202	1.2064	1.2954	1.4062	1.3528	1.2561	2.4876	
14	1.6363	1.6038	1.6161	1.0742	.8397	.7459		
	1.2017	1.2316	1.2436	1.7800	2.2103	2.4384		
15	.7509	.7899	.7856	.5367	F-SUB-Q			
	2.3960	2.2540	2.2990	3.4911	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5878	1.5022	1.6803	1.4873	1.5752	1.5107	1.6582	.7564
	1.3354	1.4179	1.2663	1.3951	1.2846	1.3358	1.2066	2.4225
9	1.5022	1.7071	1.7038	1.6422	1.6250	1.6572	1.6251	.7965
	1.4179	1.2444	1.2307	1.2718	1.2519	1.2147	1.2368	2.2756
10	1.6803	1.7034	1.7363	1.6516	1.5784	1.5891	1.6404	.7926
	1.2663	1.2310	1.2096	1.2679	1.3111	1.3037	1.2441	2.3171
11	1.4873	1.6422	1.6518	1.6004	1.5447	1.4804	1.0882	.5376
	1.3951	1.2718	1.2678	1.3212	1.3425	1.4106	1.7802	3.5364
12	1.5752	1.6271	1.5799	1.5450	1.5163	1.5090	.8520	
	1.2846	1.2503	1.3098	1.3423	1.3557	1.3594	2.2222	
13	1.5107	1.6607	1.5905	1.4811	1.5094	1.6026	.7423	
	1.3358	1.2127	1.3024	1.4101	1.3590	1.2578	2.5098	
14	1.6582	1.6273	1.6417	1.0886	.8522	.7582		
	1.2066	1.2354	1.2431	1.7795	2.2218	2.4596		
15	.7564	.7971	.7930	.5379	F-SUB-Q			
	2.4225	2.2742	2.3162	3.5345	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6073 * 1.5109 * 1.6966 * 1.4994 * 1.5993 * 1.5258 * 1.6904 *  .7551 *
   * 1.3341 * 1.4250 * 1.2668 * 1.4106 * 1.2922 * 1.3503 * 1.2083 * 2.4783 *
   ************************************************************************
 9 * 1.5109 * 1.7311 * 1.7239 * 1.6678 * 1.6444 * 1.6835 * 1.6570 *  .7938 *
   * 1.4250 * 1.2415 * 1.2378 * 1.2747 * 1.2623 * 1.2195 * 1.2379 * 2.3317 *
   ************************************************************************
10 * 1.6966 * 1.7234 * 1.7578 * 1.6719 * 1.6051 * 1.6120 * 1.6736 *  .7911 *
   * 1.2668 * 1.2381 * 1.2154 * 1.2741 * 1.3119 * 1.3070 * 1.2405 * 2.3658 *
   ************************************************************************
11 * 1.4994 * 1.6678 * 1.6721 * 1.6261 * 1.5678 * 1.5086 * 1.0916 *  .5341 *
   * 1.4106 * 1.2747 * 1.2740 * 1.3140 * 1.3472 * 1.4014 * 1.7899 * 3.6088 *
   ************************************************************************
12 * 1.5993 * 1.6466 * 1.6067 * 1.5680 * 1.5395 * 1.5399 *  .8505 *
   * 1.2922 * 1.2606 * 1.3106 * 1.3470 * 1.3605 * 1.3571 * 2.2696 *
   ****************************************************************
13 * 1.5258 * 1.6865 * 1.6134 * 1.5093 * 1.5404 * 1.6439 *  .7453 *
   * 1.3503 * 1.2173 * 1.3057 * 1.4007 * 1.3567 * 1.2499 * 2.5480 *
   ****************************************************************
14 * 1.6904 * 1.6594 * 1.6750 * 1.0921 *  .8507 *  .7614 *
   * 1.2083 * 1.2361 * 1.2394 * 1.7891 * 2.2691 * 2.4964 *
   ********************************************************
15 *  .7551 *  .7944 *  .7915 *  .5344 * F-SUB-Q
   * 2.4783 * 2.3302 * 2.3648 * 3.6067 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6130 * 1.5111 * 1.7023 * 1.5030 * 1.6108 * 1.5325 * 1.7073 *  .7553 *
   * 1.3531 * 1.4518 * 1.2867 * 1.4380 * 1.3145 * 1.3772 * 1.2252 * 2.5383 *
   ************************************************************************
 9 * 1.5111 * 1.7404 * 1.7330 * 1.6793 * 1.6533 * 1.6990 * 1.6742 *  .7926 *
   * 1.4518 * 1.2546 * 1.2532 * 1.2908 * 1.2849 * 1.2367 * 1.2533 * 2.3915 *
   ************************************************************************
10 * 1.7023 * 1.7325 * 1.7679 * 1.6816 * 1.6179 * 1.6241 * 1.6920 *  .7905 *
   * 1.2867 * 1.2536 * 1.2289 * 1.2883 * 1.3260 * 1.3187 * 1.2507 * 2.4187 *
   ************************************************************************
11 * 1.5030 * 1.6792 * 1.6817 * 1.6376 * 1.5799 * 1.5227 * 1.0946 *  .5322 *
   * 1.4380 * 1.2908 * 1.2882 * 1.3294 * 1.3552 * 1.4109 * 1.8165 * 3.6695 *
   ************************************************************************
12 * 1.6108 * 1.6557 * 1.6195 * 1.5802 * 1.5518 * 1.5564 *  .8509 *
   * 1.3145 * 1.2830 * 1.3247 * 1.3550 * 1.3708 * 1.3640 * 2.2976 *
   ****************************************************************
13 * 1.5325 * 1.7021 * 1.6256 * 1.5236 * 1.5569 * 1.6688 *  .7480 *
   * 1.3772 * 1.2344 * 1.3174 * 1.4102 * 1.3636 * 1.2559 * 2.5853 *
   ****************************************************************
14 * 1.7073 * 1.6767 * 1.6936 * 1.0952 *  .8512 *  .7640 *
   * 1.2252 * 1.2514 * 1.2496 * 1.8155 * 2.2970 * 2.5334 *
   ********************************************************
15 *  .7553 *  .7932 *  .7909 *  .5325 * F-SUB-Q
   * 2.5383 * 2.3899 * 2.4175 * 3.6671 * M-SUB-Q
   ************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6227 * 1.5140 * 1.7114 * 1.5091 * 1.6256 * 1.5418 * 1.7278 *  .7532 *
   * 1.3867 * 1.4832 * 1.3044 * 1.4686 * 1.3394 * 1.4080 * 1.2446 * 2.6168 *
   ************************************************************************
 9 * 1.5140 * 1.7543 * 1.7454 * 1.6949 * 1.6651 * 1.7170 * 1.6946 *  .7883 *
   * 1.4832 * 1.2702 * 1.2726 * 1.3081 * 1.3103 * 1.2571 * 1.2713 * 2.4712 *
   ************************************************************************
10 * 1.7114 * 1.7448 * 1.7813 * 1.6941 * 1.6344 * 1.6387 * 1.7133 *  .7877 *
   * 1.3044 * 1.2730 * 1.2467 * 1.3070 * 1.3417 * 1.3346 * 1.2633 * 2.4875 *
   ************************************************************************
11 * 1.5091 * 1.6949 * 1.6943 * 1.6532 * 1.5942 * 1.5402 * 1.0952 *  .5286 *
   * 1.4686 * 1.3081 * 1.3068 * 1.3416 * 1.3780 * 1.4304 * 1.8514 * 3.7642 *
   ************************************************************************
12 * 1.6256 * 1.6675 * 1.6361 * 1.5945 * 1.5661 * 1.5754 *  .8484 *
   * 1.3394 * 1.3082 * 1.3403 * 1.3778 * 1.3957 * 1.3812 * 2.3605 *
   ***************************************************************
13 * 1.5418 * 1.7202 * 1.6403 * 1.5411 * 1.5760 * 1.6947 *  .7481 *
   * 1.4080 * 1.2547 * 1.3333 * 1.4297 * 1.3809 * 1.2667 * 2.6456 *
   ***************************************************************
14 * 1.7278 * 1.6972 * 1.7150 * 1.0958 *  .8488 *  .7642 *
   * 1.2446 * 1.2694 * 1.2621 * 1.8502 * 2.3597 * 2.5921 *
   ******************************************************
15 *  .7532 *  .7889 *  .7882 *  .5290 * F-SUB-Q
   * 2.6168 * 2.4696 * 2.4863 * 3.7617 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5974 * 1.4955 * 1.6937 * 1.4938 * 1.6091 * 1.5291 * 1.7104 *  .7563 *
   * 1.4469 * 1.5402 * 1.3547 * 1.5285 * 1.3979 * 1.4666 * 1.2981 * 2.6898 *
   ************************************************************************
 9 * 1.4955 * 1.7325 * 1.7300 * 1.6757 * 1.6506 * 1.7067 * 1.6799 *  .7955 *
   * 1.5402 * 1.3224 * 1.3217 * 1.3618 * 1.3633 * 1.3048 * 1.3224 * 2.5268 *
   ************************************************************************
10 * 1.6937 * 1.7294 * 1.7658 * 1.6801 * 1.6170 * 1.6270 * 1.6995 *  .7940 *
   * 1.3547 * 1.3221 * 1.2941 * 1.3557 * 1.3943 * 1.3817 * 1.3086 * 2.5396 *
   ************************************************************************
11 * 1.4938 * 1.6756 * 1.6803 * 1.6344 * 1.5828 * 1.5241 * 1.1020 *  .5299 *
   * 1.5285 * 1.3618 * 1.3555 * 1.3928 * 1.4301 * 1.4782 * 1.8838 * 3.8514 *
   ************************************************************************
12 * 1.6091 * 1.6530 * 1.6188 * 1.5831 * 1.5554 * 1.5619 *  .8578 *
   * 1.3979 * 1.3611 * 1.3928 * 1.4298 * 1.4530 * 1.4383 * 2.4032 *
   ***************************************************************
13 * 1.5291 * 1.7099 * 1.6287 * 1.5249 * 1.5625 * 1.6841 *  .7542 *
   * 1.4666 * 1.3024 * 1.3803 * 1.4773 * 1.4380 * 1.3170 * 2.7097 *
   ***************************************************************
14 * 1.7104 * 1.6825 * 1.7013 * 1.1027 *  .8582 *  .7709 *
   * 1.2981 * 1.3204 * 1.3073 * 1.8825 * 2.4023 * 2.6531 *
   ******************************************************
15 *  .7563 *  .7961 *  .7945 *  .5303 * F-SUB-Q
   * 2.6898 * 2.5251 * 2.5382 * 3.8486 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6198 * 1.5062 * 1.7126 * 1.5074 * 1.6346 * 1.5455 * 1.7454 *  .7502 *
   * 1.4745 * 1.5824 * 1.3871 * 1.5688 * 1.4275 * 1.5054 * 1.3190 * 2.8100 *
   ************************************************************************
 9 * 1.5062 * 1.7599 * 1.7524 * 1.7043 * 1.6720 * 1.7351 * 1.7133 *  .7853 *
   * 1.5824 * 1.3471 * 1.3499 * 1.3844 * 1.3946 * 1.3304 * 1.3431 * 2.6512 *
   ************************************************************************
10 * 1.7126 * 1.7518 * 1.7899 * 1.7021 * 1.6462 * 1.6511 * 1.7338 *  .7847 *
   * 1.3871 * 1.3504 * 1.3209 * 1.3840 * 1.4147 * 1.4062 * 1.3249 * 2.6561 *
   ************************************************************************
11 * 1.5074 * 1.7043 * 1.7023 * 1.6627 * 1.6059 * 1.5537 * 1.0963 *  .5236 *
   * 1.5688 * 1.3844 * 1.3839 * 1.4150 * 1.4496 * 1.4945 * 1.9534 * 4.0166 *
   ************************************************************************
12 * 1.6346 * 1.6749 * 1.6480 * 1.6062 * 1.5784 * 1.5920 *  .8466 *
   * 1.4275 * 1.3922 * 1.4131 * 1.4493 * 1.4713 * 1.4513 * 2.4994 *
   ****************************************************************
13 * 1.5455 * 1.7385 * 1.6529 * 1.5547 * 1.5926 * 1.7228 *  .7490 *
   * 1.5054 * 1.3277 * 1.4047 * 1.4937 * 1.4509 * 1.3276 * 2.8062 *
   ****************************************************************
14 * 1.7454 * 1.7161 * 1.7356 * 1.0971 *  .8469 *  .7649 *
   * 1.3190 * 1.3410 * 1.3235 * 1.9521 * 2.4985 * 2.7503 *
   ********************************************************
15 *  .7502 *  .7860 *  .7852 *  .5240 * F-SUB-Q
   * 2.8100 * 2.6494 * 2.6545 * 4.0136 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6177 * 1.5013 * 1.7117 * 1.5055 * 1.6384 * 1.5464 * 1.7529 *  .7488 *
   * 1.5223 * 1.6342 * 1.4343 * 1.6224 * 1.4831 * 1.5668 * 1.3668 * 2.9270 *
   ************************************************************************
 9 * 1.5013 * 1.7610 * 1.7546 * 1.7076 * 1.6744 * 1.7429 * 1.7213 *  .7835 *
   * 1.6342 * 1.3920 * 1.3979 * 1.4346 * 1.4489 * 1.3781 * 1.3902 * 2.7618 *
   ************************************************************************
10 * 1.7117 * 1.7539 * 1.7926 * 1.7046 * 1.6506 * 1.6559 * 1.7427 *  .7829 *
   * 1.4343 * 1.3985 * 1.3700 * 1.4351 * 1.4643 * 1.4547 * 1.3677 * 2.7623 *
   ************************************************************************
11 * 1.5055 * 1.7076 * 1.7048 * 1.6659 * 1.6103 * 1.5593 * 1.0963 *  .5215 *
   * 1.6224 * 1.4346 * 1.4350 * 1.4655 * 1.4972 * 1.5442 * 2.0241 * 4.1705 *
   ************************************************************************
12 * 1.6384 * 1.6773 * 1.6525 * 1.6106 * 1.5831 * 1.5989 *  .8457 *
   * 1.4831 * 1.4464 * 1.4627 * 1.4969 * 1.5186 * 1.4915 * 2.5871 *
   ****************************************************************
13 * 1.5464 * 1.7464 * 1.6577 * 1.5603 * 1.5995 * 1.7357 *  .7491 *
   * 1.5668 * 1.3753 * 1.4532 * 1.5433 * 1.4913 * 1.3614 * 2.8965 *
   ****************************************************************
14 * 1.7529 * 1.7241 * 1.7447 * 1.0971 *  .8461 *  .7648 *
   * 1.3668 * 1.3880 * 1.3663 * 2.0226 * 2.5861 * 2.8395 *
   ********************************************************
15 *  .7488 *  .7842 *  .7835 *  .5220 * F-SUB-Q
   * 2.9270 * 2.7599 * 2.7605 * 4.1673 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5931 * 1.4827 * 1.6939 * 1.4900 * 1.6219 * 1.5333 * 1.7364 *  .7494 *
   * 1.5047 * 1.6106 * 1.4112 * 1.5953 * 1.4597 * 1.5447 * 1.3629 * 2.8962 *
   ************************************************************************
 9 * 1.4827 * 1.7401 * 1.7392 * 1.6890 * 1.6600 * 1.7324 * 1.7073 *  .7867 *
   * 1.6106 * 1.3718 * 1.3733 * 1.4124 * 1.4305 * 1.3710 * 1.3888 * 2.7261 *
   ************************************************************************
10 * 1.6939 * 1.7385 * 1.7770 * 1.6903 * 1.6339 * 1.6441 * 1.7294 *  .7861 *
   * 1.4112 * 1.3738 * 1.3460 * 1.4139 * 1.4559 * 1.4502 * 1.3756 * 2.7394 *
   ************************************************************************
11 * 1.4900 * 1.6890 * 1.6905 * 1.6478 * 1.5988 * 1.5438 * 1.0998 *  .5208 *
   * 1.5953 * 1.4125 * 1.4138 * 1.4502 * 1.5087 * 1.5509 * 2.0075 * 4.1827 *
   ************************************************************************
12 * 1.6219 * 1.6629 * 1.6358 * 1.5992 * 1.5724 * 1.5858 *  .8515 *
   * 1.4597 * 1.4281 * 1.4542 * 1.5084 * 1.5411 * 1.5229 * 2.5915 *
   ****************************************************************
13 * 1.5333 * 1.7359 * 1.6460 * 1.5448 * 1.5864 * 1.7255 *  .7527 *
   * 1.5447 * 1.3684 * 1.4486 * 1.5499 * 1.5223 * 1.4074 * 2.9471 *
   ****************************************************************
14 * 1.7364 * 1.7101 * 1.7314 * 1.1007 *  .8520 *  .7691 *
   * 1.3629 * 1.3865 * 1.3741 * 2.0058 * 2.5903 * 2.8871 *
   ********************************************************
15 *  .7494 *  .7874 *  .7867 *  .5212 * F-SUB-Q
   * 2.8962 * 2.7241 * 2.7374 * 4.1790 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6092 * 1.4881 * 1.7069 * 1.4985 * 1.6415 * 1.5444 * 1.7660 *  .7416 *
   * 1.4537 * 1.5663 * 1.3670 * 1.5489 * 1.4087 * 1.4977 * 1.3087 * 2.8511 *
   ************************************************************************
 9 * 1.4881 * 1.7615 * 1.7558 * 1.7120 * 1.6761 * 1.7555 * 1.7356 *  .7748 *
   * 1.5663 * 1.3230 * 1.3280 * 1.3605 * 1.3835 * 1.3210 * 1.3339 * 2.6963 *
   ************************************************************************
10 * 1.7069 * 1.7550 * 1.7955 * 1.7068 * 1.6577 * 1.6631 * 1.7587 *  .7751 *
   * 1.3670 * 1.3285 * 1.3004 * 1.3668 * 1.4009 * 1.3990 * 1.3199 * 2.7054 *
   ************************************************************************
11 * 1.4985 * 1.7119 * 1.7069 * 1.6705 * 1.6170 * 1.5684 * 1.0913 *  .5131 *
   * 1.5489 * 1.3605 * 1.3666 * 1.3961 * 1.4538 * 1.4884 * 1.9726 * 4.1263 *
   ************************************************************************
12 * 1.6415 * 1.6792 * 1.6597 * 1.6173 * 1.5907 * 1.6109 *  .8380 *
   * 1.4087 * 1.3810 * 1.3992 * 1.4535 * 1.4843 * 1.4603 * 2.5628 *
   ****************************************************************
13 * 1.5444 * 1.7592 * 1.6650 * 1.5694 * 1.6115 * 1.7599 *  .7460 *
   * 1.4977 * 1.3184 * 1.3975 * 1.4874 * 1.4597 * 1.3443 * 2.8934 *
   ****************************************************************
14 * 1.7660 * 1.7386 * 1.7608 * 1.0923 *  .8384 *  .7613 *
   * 1.3087 * 1.3317 * 1.3184 * 1.9708 * 2.5617 * 2.8379 *
   ********************************************************
15 *  .7416 *  .7755 *  .7758 *  .5136 * F-SUB-Q
   * 2.8511 * 2.6943 * 2.7033 * 4.1226 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6080 * 1.4830 * 1.7060 * 1.4962 * 1.6451 * 1.5445 * 1.7755 *  .7376 *
   * 1.4073 * 1.5188 * 1.3228 * 1.4980 * 1.3571 * 1.4462 * 1.2570 * 2.7642 *
   ************************************************************************
 9 * 1.4830 * 1.7639 * 1.7579 * 1.7163 * 1.6784 * 1.7635 * 1.7453 *  .7681 *
   * 1.5188 * 1.2771 * 1.2829 * 1.3117 * 1.3347 * 1.2713 * 1.2813 * 2.6229 *
   ************************************************************************
10 * 1.7060 * 1.7571 * 1.7986 * 1.7091 * 1.6632 * 1.6679 * 1.7693 *  .7697 *
   * 1.3228 * 1.2834 * 1.2559 * 1.3199 * 1.3483 * 1.3482 * 1.2673 * 2.6262 *
   ************************************************************************
11 * 1.4962 * 1.7163 * 1.7093 * 1.6748 * 1.6219 * 1.5752 * 1.0873 *  .5086 *
   * 1.4980 * 1.3117 * 1.3198 * 1.3455 * 1.4020 * 1.4312 * 1.9075 * 4.0103 *
   ************************************************************************
12 * 1.6451 * 1.6817 * 1.6653 * 1.6223 * 1.5957 * 1.6206 *  .8325 *
   * 1.3571 * 1.3323 * 1.3467 * 1.4017 * 1.4326 * 1.4044 * 2.4828 *
   ****************************************************************
13 * 1.5445 * 1.7673 * 1.6699 * 1.5763 * 1.6208 * 1.7752 *  .7432 *
   * 1.4462 * 1.2687 * 1.3466 * 1.4302 * 1.4038 * 1.2887 * 2.7947 *
   ****************************************************************
14 * 1.7755 * 1.7484 * 1.7715 * 1.0883 *  .8329 *  .7583 *
   * 1.2570 * 1.2792 * 1.2659 * 1.9057 * 2.4816 * 2.7418 *
   ********************************************************
15 *  .7376 *  .7688 *  .7704 *  .5090 * F-SUB-Q
   * 2.7642 * 2.6209 * 2.6241 * 4.0065 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5985 * 1.4733 * 1.6989 * 1.4889 * 1.6411 * 1.5392 * 1.7738 *  .7348 *
   * 1.3692 * 1.4788 * 1.2848 * 1.4567 * 1.3162 * 1.4039 * 1.2170 * 2.6856 *
   ************************************************************************
 9 * 1.4733 * 1.7579 * 1.7532 * 1.7120 * 1.6739 * 1.7633 * 1.7448 *  .7677 *
   * 1.4788 * 1.2399 * 1.2443 * 1.2723 * 1.2947 * 1.2296 * 1.2396 * 2.5400 *
   ************************************************************************
10 * 1.6989 * 1.7524 * 1.7942 * 1.7048 * 1.6600 * 1.6656 * 1.7695 *  .7683 *
   * 1.2848 * 1.2449 * 1.2179 * 1.2799 * 1.3068 * 1.3054 * 1.2249 * 2.5455 *
   ************************************************************************
11 * 1.4889 * 1.7120 * 1.7049 * 1.6705 * 1.6196 * 1.5727 * 1.0862 *  .5059 *
   * 1.4567 * 1.2723 * 1.2798 * 1.3048 * 1.3567 * 1.3855 * 1.8457 * 3.8991 *
   ************************************************************************
12 * 1.6411 * 1.6772 * 1.6621 * 1.6200 * 1.5936 * 1.6215 *  .8318 *
   * 1.3162 * 1.2923 * 1.3051 * 1.3564 * 1.3857 * 1.3570 * 2.4001 *
   ****************************************************************
13 * 1.5392 * 1.7672 * 1.6676 * 1.5738 * 1.6217 * 1.7779 *  .7426 *
   * 1.4039 * 1.2271 * 1.3038 * 1.3845 * 1.3565 * 1.2405 * 2.6987 *
   ****************************************************************
14 * 1.7738 * 1.7479 * 1.7717 * 1.0872 *  .8322 *  .7575 *
   * 1.2170 * 1.2375 * 1.2234 * 1.8439 * 2.3990 * 2.6481 *
   ********************************************************
15 *  .7348 *  .7684 *  .7690 *  .5063 * F-SUB-Q
   * 2.6856 * 2.5379 * 2.5433 * 3.8954 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5772 * 1.4572 * 1.6826 * 1.4749 * 1.6258 * 1.5267 * 1.7570 *  .7361 *
   * 1.4532 * 1.5671 * 1.3597 * 1.5423 * 1.3932 * 1.4840 * 1.2879 * 2.8122 *
   ************************************************************************
 9 * 1.4572 * 1.7381 * 1.7387 * 1.6940 * 1.6599 * 1.7523 * 1.7302 *  .7712 *
   * 1.5671 * 1.3149 * 1.3153 * 1.3482 * 1.3689 * 1.2968 * 1.3100 * 2.6522 *
   ************************************************************************
10 * 1.6826 * 1.7379 * 1.7790 * 1.6908 * 1.6431 * 1.6532 * 1.7555 *  .7718 *
   * 1.3597 * 1.3159 * 1.2875 * 1.3527 * 1.3839 * 1.3775 * 1.2931 * 2.6570 *
   ************************************************************************
11 * 1.4749 * 1.6940 * 1.6909 * 1.6526 * 1.6072 * 1.5567 * 1.0893 *  .5061 *
   * 1.5423 * 1.3482 * 1.3526 * 1.3826 * 1.4306 * 1.4657 * 1.9278 * 4.0849 *
   ************************************************************************
12 * 1.6258 * 1.6632 * 1.6453 * 1.6075 * 1.5816 * 1.6086 *  .8373 *
   * 1.3932 * 1.3663 * 1.3821 * 1.4303 * 1.4600 * 1.4303 * 2.4950 *
   ****************************************************************
13 * 1.5267 * 1.7561 * 1.6553 * 1.5578 * 1.6088 * 1.7653 *  .7453 *
   * 1.4840 * 1.2941 * 1.3758 * 1.4647 * 1.4302 * 1.3038 * 2.8099 *
   ****************************************************************
14 * 1.7570 * 1.7333 * 1.7578 * 1.0904 *  .8378 *  .7609 *
   * 1.2879 * 1.3078 * 1.2916 * 1.9259 * 2.4937 * 2.7550 *
   ********************************************************
15 *  .7361 *  .7719 *  .7725 *  .5066 * F-SUB-Q
   * 2.8122 * 2.6501 * 2.6549 * 4.0809 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5991 * 1.4668 * 1.7001 * 1.4863 * 1.6484 * 1.5401 * 1.7893 *  .7275 *
   * 1.3894 * 1.5130 * 1.3081 * 1.4889 * 1.3372 * 1.4324 * 1.2314 * 2.7732 *
   ************************************************************************
 9 * 1.4668 * 1.7644 * 1.7594 * 1.7211 * 1.6784 * 1.7774 * 1.7607 *  .7579 *
   * 1.5130 * 1.2595 * 1.2639 * 1.2905 * 1.3175 * 1.2445 * 1.2530 * 2.6304 *
   ************************************************************************
10 * 1.7001 * 1.7585 * 1.8010 * 1.7101 * 1.6695 * 1.6739 * 1.7867 *  .7600 *
   * 1.3081 * 1.2645 * 1.2367 * 1.3005 * 1.3252 * 1.3236 * 1.2361 * 2.6287 *
   ************************************************************************
11 * 1.4863 * 1.7210 * 1.7103 * 1.6784 * 1.6261 * 1.5830 * 1.0793 *  .4981 *
   * 1.4889 * 1.2905 * 1.3003 * 1.3236 * 1.3722 * 1.4006 * 1.8927 * 4.0420 *
   ************************************************************************
12 * 1.6484 * 1.6818 * 1.6717 * 1.6265 * 1.5999 * 1.6363 *  .8216 *
   * 1.3372 * 1.3149 * 1.3235 * 1.3719 * 1.3980 * 1.3623 * 2.4712 *
   ****************************************************************
13 * 1.5401 * 1.7814 * 1.6760 * 1.5841 * 1.6365 * 1.7985 *  .7361 *
   * 1.4324 * 1.2418 * 1.3219 * 1.3996 * 1.3622 * 1.2400 * 2.7612 *
   ****************************************************************
14 * 1.7893 * 1.7639 * 1.7890 * 1.0804 *  .8221 *  .7507 *
   * 1.2314 * 1.2508 * 1.2346 * 1.8907 * 2.4700 * 2.7102 *
   ********************************************************
15 *  .7275 *  .7586 *  .7607 *  .4986 * F-SUB-Q
   * 2.7732 * 2.6283 * 2.6265 * 4.0380 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.5971	1.4646	1.7015	1.4849	1.6481	1.5400	1.7913	.7241
	1.3380	1.4609	1.2605	1.4383	1.2906	1.3824	1.1866	2.6931
9	1.4646	1.7653	1.7620	1.7226	1.6793	1.7817	1.7633	.7544
	1.4609	1.2146	1.2172	1.2441	1.2705	1.1973	1.2068	2.5541
10	1.7015	1.7611	1.8037	1.7120	1.6705	1.6762	1.7894	.7566
	1.2605	1.2179	1.1911	1.2531	1.2779	1.2746	1.1898	2.5520
11	1.4849	1.7226	1.7122	1.6789	1.6263	1.5831	1.0760	.4951
	1.4383	1.2441	1.2530	1.2764	1.3202	1.3497	1.8308	3.9345
12	1.6481	1.6828	1.6727	1.6267	1.5999	1.6353	.8174	
	1.2906	1.2679	1.2762	1.3199	1.3427	1.3093	2.3947	
13	1.5400	1.7857	1.6783	1.5843	1.6355	1.7986	.7320	
	1.3824	1.1947	1.2730	1.3487	1.3092	1.1905	2.6745	
14	1.7913	1.7665	1.7917	1.0771	.8178	.7464		
	1.1866	1.2046	1.1884	1.8289	2.3935	2.6254		
15	.7241	.7552	.7573	.4956	F-SUB-Q			
	2.6931	2.5521	2.5498	3.9305	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5643	1.4476	1.6819	1.4671	1.6174	1.5227	1.7541	.7258
	1.3232	1.4330	1.2362	1.4121	1.2756	1.3560	1.1749	2.6086
9	1.4476	1.7325	1.7409	1.6907	1.6577	1.7585	1.7288	.7617
	1.4330	1.2003	1.1944	1.2293	1.2482	1.1757	1.1931	2.4561
10	1.6819	1.7400	1.7810	1.6916	1.6385	1.6549	1.7542	.7621
	1.2362	1.1950	1.1693	1.2295	1.2634	1.2509	1.1759	2.4589
11	1.4671	1.6906	1.6917	1.6466	1.6029	1.5495	1.0784	.4972
	1.4121	1.2293	1.2294	1.2620	1.2966	1.3360	1.7710	3.8036
12	1.6174	1.6611	1.6407	1.6033	1.5770	1.5963	.8243	
	1.2756	1.2457	1.2618	1.2963	1.3178	1.2963	2.3009	
13	1.5227	1.7625	1.6571	1.5507	1.5965	1.7547	.7321	
	1.3560	1.1732	1.2493	1.3350	1.2962	1.1787	2.5887	
14	1.7541	1.7320	1.7565	1.0795	.8248	.7473		
	1.1749	1.1910	1.1744	1.7692	2.2997	2.5385		
15	.7258	.7624	.7628	.4977	F-SUB-Q			
	2.6086	2.4542	2.4569	3.7998	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.5704	1.4541	1.6904	1.4725	1.6166	1.5274	1.7558	.7168
	1.2845	1.3909	1.1988	1.3721	1.2456	1.3180	1.1442	2.5784
9	1.4541	1.7338	1.7478	1.6928	1.6641	1.7639	1.7279	.7481
	1.3909	1.1695	1.1596	1.1970	1.2122	1.1421	1.1634	2.4410
10	1.6904	1.7469	1.7868	1.6993	1.6402	1.6613	1.7508	.7463
	1.1988	1.1602	1.1360	1.1930	1.2305	1.2150	1.1479	2.4510
11	1.4725	1.6928	1.6994	1.6484	1.6066	1.5515	1.0612	.4889
	1.3721	1.1971	1.1929	1.2290	1.2597	1.3001	1.7548	3.7769
12	1.6166	1.6675	1.6424	1.6070	1.5797	1.5898	.8075	
	1.2456	1.2097	1.2289	1.2594	1.2808	1.2687	2.2897	
13	1.5274	1.7679	1.6634	1.5526	1.5905	1.7396	.7142	
	1.3180	1.1396	1.2135	1.2992	1.2681	1.1561	2.5854	
14	1.7558	1.7311	1.7530	1.0623	.8079	.7281		
	1.1442	1.1614	1.1465	1.7531	2.2887	2.5383		
15	.7168	.7489	.7470	.4894	F-SUB-Q			
	2.5784	2.4390	2.4489	3.7732	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5322	1.4170	1.6301	1.4338	1.5681	1.4798	1.6907	.7131
	1.2901	1.3991	1.2182	1.3814	1.2574	1.3333	1.1643	2.5437
9	1.4170	1.6643	1.6885	1.6268	1.6099	1.6981	1.6616	.7393
	1.3991	1.1942	1.1762	1.2206	1.2277	1.1622	1.1854	2.4244
10	1.6301	1.6877	1.7112	1.6466	1.5771	1.6035	1.6735	.7292
	1.2182	1.1767	1.1622	1.2059	1.2545	1.2334	1.1765	2.4620
11	1.4338	1.6268	1.6468	1.5835	1.5500	1.5017	1.0344	.4743
	1.3814	1.2207	1.2058	1.2539	1.2788	1.3159	1.7655	3.8247
12	1.5681	1.6129	1.5791	1.5504	1.5172	1.5354	.7988	
	1.2574	1.2255	1.2530	1.2785	1.3060	1.2858	2.2698	
13	1.4798	1.7019	1.6055	1.5028	1.5361	1.6396	.6866	
	1.3333	1.1597	1.2319	1.3150	1.2852	1.2006	2.6378	
14	1.6907	1.6646	1.6757	1.0354	.7992	.6993		
	1.1643	1.1833	1.1750	1.7639	2.2687	2.5920		
15	.7131	.7400	.7298	.4747	F-SUB-Q			
	2.5437	2.4225	2.4600	3.8209	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.5579	1.2584	1.3881	1.2635	1.5918	1.2830	1.5878	.6506
	1.2478	1.5476	1.4089	1.5402	1.2189	1.5139	1.2197	2.7524
9	1.2584	1.5249	1.4629	1.5635	1.3677	1.4599	1.5977	.6787
	1.5476	1.2802	1.3358	1.2467	1.4241	1.3304	1.2126	2.6061
10	1.3881	1.4622	1.4096	1.4301	1.4519	1.3720	1.4909	.6486
	1.4089	1.3364	1.3892	1.3661	1.3407	1.4192	1.3003	2.7317
11	1.2635	1.5637	1.4303	1.4421	1.3252	1.5171	.9231	.4156
	1.5402	1.2466	1.3659	1.3521	1.4723	1.2807	1.9502	4.3126
12	1.5918	1.3689	1.4530	1.3258	1.2476	1.4970	.7395	
	1.2189	1.4229	1.3397	1.4717	1.5637	1.2975	2.4182	
13	1.2830	1.4629	1.3737	1.5181	1.4977	1.3562	.5892	
	1.5139	1.3276	1.4176	1.2799	1.2968	1.4303	3.0337	
14	1.5878	1.6001	1.4927	.9240	.7400	.6001		
	1.2197	1.2109	1.2988	1.9484	2.4169	2.9809		
15	.6506	.6795	.6492	.4160	F-SUB-Q			
	2.7524	2.6036	2.7295	4.3085	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.6754	.5772	.5767	.5787	.6840	.5713	.6022	.2956
	2.8536	3.3442	3.3539	3.3307	2.8122	3.3684	3.1868	6.0105
9	.5772	.6595	.6054	.6785	.5764	.5859	.6035	.3011
	3.3443	2.9289	3.1935	2.8427	3.3426	3.2820	3.1808	5.8310
10	.5767	.6052	.5670	.6012	.6538	.5678	.5544	.2816
	3.3539	3.1946	3.4130	3.2113	2.9490	3.3936	3.4656	6.2452
11	.5787	.6787	.6015	.6452	.5514	.6047	.4086	.1884
	3.3307	2.8420	3.2101	2.9929	3.5002	3.1838	4.3675	9.4496
12	.6840	.5768	.6543	.5516	.5104	.5678	.3262	
	2.8122	3.3402	2.9472	3.4989	3.7809	3.3894	5.4398	
13	.5713	.5870	.5684	.6051	.5681	.4942	.2512	
	3.3684	3.2758	3.3900	3.1816	3.3876	3.8919	7.0635	
14	.6022	.6044	.5551	.4090	.3264	.2552		
	3.1868	3.1764	3.4615	4.3640	5.4359	6.9584		
15	.2956	.3014	.2819	.1886	F-SUB-Q			
	6.0105	5.8261	6.2395	9.4401	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	.6252	.6408	.6461	.6448	.7400	.6314	.6249	.3320
	3.2270	3.7036	3.5741	3.4263	2.9545	3.4560	3.5105	6.0305
9	.6408	.7355	.6703	.7424	.6377	.6183	.6241	.3342
	3.7036	3.2645	3.4198	3.0252	3.4608	3.5479	3.5375	5.9524
10	.6461	.6702	.6329	.6589	.7055	.6035	.5734	.3094
	3.5741	3.4205	3.7046	3.4781	3.2242	3.7459	3.8762	6.4279
11	.6448	.7425	.6590	.6957	.5923	.6195	.4353	.2220
	3.4263	3.0246	3.4774	3.4356	4.0564	3.8736	4.9574	9.2929
12	.7400	.6379	.7058	.5925	.5023	.5448	.3452	
	2.9545	3.4598	3.2225	4.0553	4.4129	4.0998	6.2530	
13	.6314	.6196	.6039	.6197	.5449	.4733	.2574	
	3.4560	3.5403	3.7427	3.8725	4.0995	4.6332	8.1568	
14	.6249	.6250	.5739	.4354	.3451	.2632		
	3.5105	3.5324	3.8727	4.9553	6.2547	7.9825		
15	.3320	.3344	.3096	.2221	F-SUB-Q			
	6.0305	5.9492	6.4248	9.2882	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5334	1.3471	1.4693	1.3444	1.6021	1.3452	1.5337	.7182
	1.5288	1.8091	1.6239	1.6918	1.4064	1.6688	1.4748	2.8763
9	1.3471	1.5854	1.5184	1.5888	1.4300	1.4285	1.5351	.7456
	1.8091	1.5730	1.5528	1.4622	1.5908	1.5794	1.4675	2.7263
10	1.4693	1.5180	1.4722	1.4737	1.4521	1.3762	1.4309	.7062
	1.6239	1.5532	1.6336	1.6027	1.6142	1.6869	1.5987	2.8947
11	1.3444	1.5889	1.4739	1.4397	1.3376	1.4611	.9636	.4786
	1.6918	1.4620	1.6025	1.7167	1.8519	1.6811	2.3093	4.4410
12	1.6021	1.4307	1.4528	1.3379	1.1982	1.3859	.7791	
	1.4064	1.5900	1.6136	1.8515	1.9354	1.6914	2.8392	
13	1.3452	1.4316	1.3773	1.4616	1.3861	1.2265	.6167	
	1.6688	1.5763	1.6855	1.6806	1.6913	1.8919	3.4963	
14	1.5337	1.5370	1.4320	.9638	.7790	.6201		
	1.4748	1.4657	1.5974	2.3085	2.8398	3.4803		
15	.7182	.7461	.7065	.4788	F-SUB-Q			
	2.8763	2.7245	2.8936	4.4390	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5915 * 1.5561 * 1.7235 * 1.5374 * 1.5790 * 1.5462 * 1.6377 *  .7956 *
   * 1.5868 * 1.6396 * 1.4124 * 1.5355 * 1.4506 * 1.4763 * 1.3865 * 2.6034 *
   ************************************************************************
 9 * 1.5561 * 1.7147 * 1.7468 * 1.6466 * 1.6608 * 1.6800 * 1.6021 *  .8331 *
   * 1.6396 * 1.4283 * 1.3760 * 1.4503 * 1.3888 * 1.3668 * 1.4220 * 2.4592 *
   ************************************************************************
10 * 1.7235 * 1.7464 * 1.7722 * 1.6941 * 1.5724 * 1.6046 * 1.6018 *  .8130 *
   * 1.4124 * 1.3762 * 1.3650 * 1.4170 * 1.5032 * 1.4746 * 1.4526 * 2.5571 *
   ************************************************************************
11 * 1.5374 * 1.6466 * 1.6943 * 1.5962 * 1.5592 * 1.4624 * 1.1067 *  .5524 *
   * 1.5355 * 1.4503 * 1.4168 * 1.5360 * 1.6073 * 1.7215 * 2.0537 * 3.9257 *
   ************************************************************************
12 * 1.5790 * 1.6628 * 1.5730 * 1.5596 * 1.5057 * 1.4674 *  .8720 *
   * 1.4506 * 1.3871 * 1.5018 * 1.6071 * 1.6283 * 1.6644 * 2.5913 *
   ****************************************************************
13 * 1.5462 * 1.6836 * 1.6060 * 1.4630 * 1.4677 * 1.4960 *  .7305 *
   * 1.4763 * 1.3639 * 1.4731 * 1.7210 * 1.6641 * 1.5965 * 3.0194 *
   ****************************************************************
14 * 1.6377 * 1.6043 * 1.6031 * 1.1069 *  .8719 *  .7432 *
   * 1.3865 * 1.4201 * 1.4513 * 2.0531 * 2.5915 * 2.9699 *
   ********************************************************
15 *  .7956 *  .8337 *  .8134 *  .5526 * F-SUB-Q
   * 2.6034 * 2.4577 * 2.5561 * 3.9238 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7061 * 1.6484 * 1.8475 * 1.6263 * 1.6841 * 1.6441 * 1.7702 *  .8046 *
   * 1.5224 * 1.5962 * 1.3460 * 1.4803 * 1.3834 * 1.4127 * 1.3024 * 2.6110 *
   ************************************************************************
 9 * 1.6484 * 1.8488 * 1.8697 * 1.7760 * 1.7713 * 1.8075 * 1.7340 *  .8431 *
   * 1.5962 * 1.3477 * 1.3102 * 1.3726 * 1.3268 * 1.2928 * 1.3366 * 2.4675 *
   ************************************************************************
10 * 1.8475 * 1.8693 * 1.9095 * 1.8105 * 1.6908 * 1.7237 * 1.7447 *  .8359 *
   * 1.3460 * 1.3105 * 1.2878 * 1.3515 * 1.4219 * 1.3988 * 1.3583 * 2.5332 *
   ************************************************************************
11 * 1.6263 * 1.7760 * 1.8107 * 1.7225 * 1.6646 * 1.5740 * 1.1507 *  .5682 *
   * 1.4803 * 1.3725 * 1.3514 * 1.4516 * 1.5269 * 1.6349 * 2.0186 * 3.8951 *
   ************************************************************************
12 * 1.6841 * 1.7737 * 1.6925 * 1.6648 * 1.6311 * 1.5878 *  .8896 *
   * 1.3834 * 1.3250 * 1.4204 * 1.5267 * 1.5400 * 1.5763 * 2.5974 *
   ****************************************************************
13 * 1.6441 * 1.8115 * 1.7253 * 1.5747 * 1.5881 * 1.6642 *  .7676 *
   * 1.4127 * 1.2899 * 1.3974 * 1.6344 * 1.5760 * 1.4698 * 2.9410 *
   ****************************************************************
14 * 1.7702 * 1.7365 * 1.7463 * 1.1510 *  .8897 *  .7829 *
   * 1.3024 * 1.3349 * 1.3570 * 2.0178 * 2.5973 * 2.8858 *
   ********************************************************
15 *  .8046 *  .8437 *  .8363 *  .5684 * F-SUB-Q
   * 2.6110 * 2.4658 * 2.5322 * 3.8931 * M-SUB-Q
   ************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.7386	1.6615	1.8702	1.6412	1.7232	1.6639	1.8151	.8080
	1.5320	1.6204	1.3607	1.4983	1.3802	1.4256	1.2984	2.6599
9	1.6615	1.8873	1.8970	1.8145	1.7947	1.8348	1.7810	.8496
	1.6204	1.3510	1.3202	1.3751	1.3362	1.2976	1.3315	2.5050
10	1.8702	1.8965	1.9381	1.8361	1.7293	1.7539	1.7957	.8448
	1.3607	1.3206	1.2980	1.3639	1.4185	1.4019	1.3464	2.5626
11	1.6412	1.8145	1.8363	1.7603	1.6957	1.6133	1.1690	.5693
	1.4983	1.3750	1.3638	1.4550	1.5338	1.6294	2.0240	3.9578
12	1.7232	1.7973	1.7311	1.6960	1.6627	1.6352	.9009	
	1.3802	1.3343	1.4169	1.5336	1.5476	1.5682	2.6286	
13	1.6639	1.8391	1.7556	1.6142	1.6356	1.7323	.7833	
	1.4256	1.2951	1.4004	1.6288	1.5678	1.4477	2.9567	
14	1.8151	1.7837	1.7974	1.1694	.9010	.8000		
	1.2984	1.3298	1.3451	2.0230	2.6283	2.8976		
15	.8080	.8502	.8452	.5696	F-SUB-Q			
	2.6599	2.5033	2.5615	3.9555	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.7339	1.6474	1.8600	1.6313	1.7256	1.6571	1.8211	.8069
	1.5707	1.6668	1.3961	1.5377	1.4050	1.4575	1.3162	2.7109
9	1.6474	1.8844	1.8909	1.8142	1.7890	1.8333	1.7890	.8501
	1.6668	1.3786	1.3495	1.4008	1.3666	1.3174	1.3486	2.5477
10	1.8600	1.8904	1.9318	1.8309	1.7314	1.7529	1.8058	.8455
	1.3961	1.3499	1.3262	1.3934	1.4464	1.4310	1.3644	2.6065
11	1.6313	1.8142	1.8311	1.7610	1.6974	1.6192	1.1739	.5661
	1.5377	1.4008	1.3932	1.4833	1.5676	1.6561	2.0630	4.0688
12	1.7256	1.7917	1.7333	1.6977	1.6645	1.6467	.9066	
	1.4050	1.3646	1.4448	1.5674	1.5838	1.5973	2.6766	
13	1.6571	1.8369	1.7547	1.6201	1.6472	1.7556	.7896	
	1.4575	1.3148	1.4293	1.6554	1.5968	1.4705	3.0228	
14	1.8211	1.7919	1.8076	1.1744	.9069	.8066		
	1.3162	1.3467	1.3630	2.0618	2.6759	2.9616		
15	.8069	.8508	.8459	.5664	F-SUB-Q			
	2.7109	2.5459	2.6051	4.0660	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.7356	1.6382	1.8563	1.6259	1.7325	1.6550	1.8357	.7977
	1.5924	1.6944	1.4401	1.5884	1.4403	1.5007	1.3404	2.8132
9	1.6382	1.8894	1.8908	1.8218	1.7898	1.8414	1.8036	.8388
	1.6944	1.4141	1.3885	1.4353	1.4057	1.3472	1.3740	2.6493
10	1.8563	1.8902	1.9329	1.8322	1.7414	1.7579	1.8218	.8356
	1.4401	1.3889	1.3633	1.4330	1.4807	1.4688	1.3909	2.7110
11	1.6259	1.8218	1.8324	1.7696	1.7039	1.6322	1.1654	.5571
	1.5884	1.4353	1.4328	1.5199	1.5987	1.6696	2.1426	4.2593
12	1.7325	1.7927	1.7433	1.7042	1.6715	1.6626	.8963	
	1.4403	1.4035	1.4790	1.5984	1.6147	1.6196	2.7737	
13	1.6550	1.8451	1.7598	1.6332	1.6632	1.7815	.7852	
	1.5007	1.3445	1.4670	1.6687	1.6191	1.4846	3.1136	
14	1.8357	1.8066	1.8237	1.1661	.8966	.8023		
	1.3404	1.3720	1.3894	2.1412	2.7729	3.0498		
15	.7977	.8395	.8361	.5574	F-SUB-Q			
	2.8132	2.6474	2.7094	4.2561	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.7203	1.6180	1.8387	1.6097	1.7234	1.6416	1.8311	.7891
	1.6435	1.7571	1.5099	1.6666	1.5032	1.5699	1.3925	2.9455
9	1.6180	1.8760	1.8764	1.8115	1.7771	1.8346	1.7999	.8284
	1.7571	1.4783	1.4527	1.4987	1.4697	1.4018	1.4275	2.7789
10	1.8387	1.8757	1.9190	1.8194	1.7339	1.7490	1.8191	.8258
	1.5099	1.4532	1.4255	1.4986	1.5439	1.5313	1.4448	2.8441
11	1.6097	1.8115	1.8196	1.7605	1.6963	1.6280	1.1553	.5493
	1.6666	1.4987	1.4984	1.5869	1.6361	1.7104	2.2298	4.4832
12	1.7234	1.7802	1.7359	1.6966	1.6645	1.6607	.8872	
	1.5032	1.4673	1.5420	1.6358	1.6560	1.6569	2.8553	
13	1.6416	1.8385	1.7509	1.6290	1.6613	1.7867	.7797	
	1.5699	1.3989	1.5294	1.7094	1.6563	1.5198	3.2148	
14	1.8311	1.8029	1.8211	1.1560	.8875	.7965		
	1.3925	1.4254	1.4432	2.2283	2.8543	3.1496		
15	.7891	.8291	.8264	.5497	F-SUB-Q			
	2.9455	2.7769	2.8423	4.4796	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.7085	1.6003	1.8240	1.5953	1.7170	1.6300	1.8292	.7778
	1.7172	1.8320	1.5941	1.7610	1.5792	1.6542	1.4567	3.1205
9	1.6003	1.8665	1.8645	1.8048	1.7666	1.8295	1.7981	.8144
	1.8320	1.5550	1.5306	1.5747	1.5470	1.4695	1.4936	2.9520
10	1.8240	1.8639	1.9078	1.8089	1.7294	1.7418	1.8181	.8134
	1.5941	1.5311	1.5010	1.5781	1.6195	1.6071	1.5112	3.0166
11	1.5953	1.8048	1.8091	1.7547	1.6899	1.6261	1.1420	.5396
	1.7610	1.5747	1.5779	1.6518	1.6962	1.7678	2.3194	4.7698
12	1.7170	1.7697	1.7315	1.6903	1.6587	1.6601	.8745	
	1.5792	1.5442	1.6175	1.6959	1.7192	1.7093	2.9868	
13	1.6300	1.8334	1.7438	1.6271	1.6607	1.7915	.7710	
	1.6542	1.4664	1.6051	1.7667	1.7090	1.5630	3.3495	
14	1.8292	1.8012	1.8202	1.1428	.8749	.7877		
	1.4567	1.4914	1.5094	2.3178	2.9856	3.2810		
15	.7778	.8150	.8140	.5400	F-SUB-Q			
	3.1205	2.9499	3.0146	4.7657	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6593	1.5594	1.7799	1.5579	1.6764	1.5943	1.7859	.7715
	1.8322	1.9432	1.6966	1.9029	1.7058	1.7831	1.5710	3.3094
9	1.5594	1.8183	1.8223	1.7599	1.7273	1.7929	1.7580	.8118
	1.9432	1.6590	1.6521	1.7027	1.6678	1.5794	1.6090	3.1151
10	1.7799	1.8216	1.8646	1.7690	1.6881	1.7056	1.7785	.8099
	1.6966	1.6527	1.6144	1.6957	1.7481	1.7276	1.6264	3.1871
11	1.5579	1.7599	1.7692	1.7116	1.6554	1.5877	1.1345	.5346
	1.9029	1.7027	1.6955	1.7515	1.8030	1.8691	2.4095	5.0237
12	1.6764	1.7304	1.6902	1.6558	1.6252	1.6242	.8736	
	1.7058	1.6648	1.7458	1.8026	1.8290	1.8190	3.1117	
13	1.5943	1.7968	1.7076	1.5887	1.6249	1.7560	.7679	
	1.7831	1.5760	1.7254	1.8679	1.8185	1.6614	3.5012	
14	1.7859	1.7611	1.7806	1.1354	.8740	.7851		
	1.5710	1.6064	1.6245	2.4076	3.1103	3.4273		
15	.7715	.8125	.8106	.5351	F-SUB-Q			
	3.3094	3.1128	3.1848	5.0196	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6594 * 1.5486 * 1.7742 * 1.5501 * 1.6794 * 1.5889 * 1.7971 *  .7555 *
   * 1.9097 * 2.0428 * 1.7782 * 2.0269 * 1.8043 * 1.8953 * 1.6523 * 3.5714 *
   ************************************************************************
 9 * 1.5486 * 1.8215 * 1.8195 * 1.7653 * 1.7253 * 1.7967 * 1.7680 *  .7912 *
   * 2.0428 * 1.7296 * 1.7298 * 1.7783 * 1.7685 * 1.6684 * 1.6929 * 3.3770 *
   ************************************************************************
10 * 1.7742 * 1.8188 * 1.8631 * 1.7670 * 1.6951 * 1.7065 * 1.7890 *  .7902 *
   * 1.7782 * 1.7305 * 1.6882 * 1.7732 * 1.8272 * 1.8098 * 1.7084 * 3.4498 *
   ************************************************************************
11 * 1.5501 * 1.7653 * 1.7672 * 1.7175 * 1.6566 * 1.5968 * 1.1137 *  .5218 *
   * 2.0269 * 1.7783 * 1.7730 * 1.8204 * 1.8691 * 1.9329 * 2.5553 * 5.3605 *
   ************************************************************************
12 * 1.6794 * 1.7285 * 1.6972 * 1.6569 * 1.6266 * 1.6333 *  .8513 *
   * 1.8043 * 1.7652 * 1.8249 * 1.8688 * 1.8993 * 1.8827 * 3.3067 *
   ****************************************************************
13 * 1.5889 * 1.8007 * 1.7086 * 1.5979 * 1.6340 * 1.7717 *  .7530 *
   * 1.8953 * 1.6647 * 1.8077 * 1.9317 * 1.8820 * 1.7196 * 3.7191 *
   ****************************************************************
14 * 1.7971 * 1.7711 * 1.7912 * 1.1147 *  .8517 *  .7691 *
   * 1.6523 * 1.6899 * 1.7064 * 2.5533 * 3.3054 * 3.6443 *
   ********************************************************
15 *  .7555 *  .7919 *  .7909 *  .5222 * F-SUB-Q
   * 3.5714 * 3.3745 * 3.4472 * 5.3560 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6342 * 1.5218 * 1.7477 * 1.5264 * 1.6595 * 1.5671 * 1.7791 *  .7443 *
   * 1.9682 * 2.1061 * 1.8352 * 2.0902 * 1.9139 * 2.0273 * 1.7711 * 3.8408 *
   ************************************************************************
 9 * 1.5218 * 1.7969 * 1.7953 * 1.7435 * 1.7029 * 1.7783 * 1.7508 *  .7793 *
   * 2.1061 * 1.7841 * 1.7852 * 1.8376 * 1.8722 * 1.7891 * 1.8130 * 3.6322 *
   ************************************************************************
10 * 1.7477 * 1.7946 * 1.8387 * 1.7441 * 1.6758 * 1.6868 * 1.7723 *  .7783 *
   * 1.8352 * 1.7859 * 1.7461 * 1.8402 * 1.9079 * 1.8991 * 1.8046 * 3.7057 *
   ************************************************************************
11 * 1.5264 * 1.7435 * 1.7443 * 1.6968 * 1.6379 * 1.5802 * 1.0988 *  .5132 *
   * 2.0902 * 1.8377 * 1.8400 * 1.8930 * 1.9786 * 2.0382 * 2.7073 * 5.7019 *
   ************************************************************************
12 * 1.6595 * 1.7062 * 1.6780 * 1.6382 * 1.6085 * 1.6177 *  .8396 *
   * 1.9139 * 1.8687 * 1.9054 * 1.9782 * 2.0091 * 1.9831 * 3.5031 *
   ****************************************************************
13 * 1.5671 * 1.7823 * 1.6889 * 1.5814 * 1.6184 * 1.7595 *  .7435 *
   * 2.0273 * 1.7851 * 1.8968 * 2.0368 * 1.9829 * 1.8074 * 3.9287 *
   ****************************************************************
14 * 1.7791 * 1.7539 * 1.7746 * 1.0998 *  .8401 *  .7592 *
   * 1.7711 * 1.8098 * 1.8023 * 2.7048 * 3.5016 * 3.8506 *
   ********************************************************
15 *  .7443 *  .7800 *  .7790 *  .5137 * F-SUB-Q
   * 3.8408 * 3.6295 * 3.7028 * 5.6968 * M-SUB-Q
   ************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.5866	1.4815	1.7042	1.4890	1.6191	1.5311	1.7367	.7352
	1.9704	2.1025	1.8294	2.0819	1.9052	2.0140	1.7758	3.8315
9	1.4815	1.7501	1.7532	1.6997	1.6636	1.7412	1.7110	.7721
	2.1025	1.7811	1.7771	1.8330	1.8625	1.7792	1.8098	3.6131
10	1.7042	1.7524	1.7956	1.7041	1.6353	1.6503	1.7329	.7712
	1.8294	1.7779	1.7387	1.8317	1.9014	1.8881	1.7949	3.6604
11	1.4890	1.6996	1.7043	1.6546	1.6029	1.5424	1.0873	.5060
	2.0819	1.8331	1.8315	1.8888	1.9723	2.0331	2.6618	5.6514
12	1.6191	1.6668	1.6374	1.6032	1.5748	1.5818	.8344	
	1.9052	1.8590	1.8990	1.9718	2.0183	2.0046	3.4774	
13	1.5311	1.7451	1.6524	1.5435	1.5825	1.7235	.7372	
	2.0140	1.7753	1.8857	2.0316	2.0037	1.8521	3.9648	
14	1.7367	1.7142	1.7352	1.0883	.8349	.7534		
	1.7758	1.8066	1.7926	2.6593	3.4756	3.8833		
15	.7352	.7728	.7719	.5065	F-SUB-Q			
	3.8315	3.6102	3.6572	5.6458	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5797	1.4654	1.6919	1.4758	1.6149	1.5196	1.7405	.7177
	1.9180	2.0545	1.7815	2.0238	1.8312	1.9431	1.6946	3.7397
9	1.4654	1.7460	1.7437	1.6977	1.6550	1.7381	1.7140	.7502
	2.0545	1.7251	1.7266	1.7726	1.8028	1.7119	1.7350	3.5419
10	1.6919	1.7429	1.7873	1.6952	1.6352	1.6447	1.7363	.7502
	1.7815	1.7274	1.6894	1.7804	1.8347	1.8303	1.7290	3.5905
11	1.4758	1.6977	1.6954	1.6533	1.5977	1.5447	1.0639	.4920
	2.0238	1.7727	1.7802	1.8288	1.9199	1.9672	2.6164	5.5165
12	1.6149	1.6583	1.6374	1.5981	1.5700	1.5841	.8102	
	1.8312	1.7993	1.8323	1.9195	1.9660	1.9322	3.4066	
13	1.5196	1.7421	1.6468	1.5458	1.5848	1.7322	.7209	
	1.9431	1.7082	1.8280	1.9658	1.9314	1.7805	3.8472	
14	1.7405	1.7172	1.7386	1.0650	.8107	.7358		
	1.6946	1.7319	1.7268	2.6139	3.4051	3.7732		
15	.7177	.7509	.7510	.4925	F-SUB-Q			
	3.7397	3.5390	3.5875	5.5111	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5559 * 1.4392 * 1.6659 * 1.4522 * 1.5950 * 1.4974 * 1.7240 *  .7043 *
   * 1.7771 * 1.9124 * 1.6603 * 1.8852 * 1.7020 * 1.8123 * 1.5733 * 3.4833 *
   ************************************************************************
 9 * 1.4392 * 1.7230 * 1.7197 * 1.6773 * 1.6328 * 1.7196 * 1.6980 *  .7338 *
   * 1.9124 * 1.6024 * 1.6086 * 1.6454 * 1.6763 * 1.5917 * 1.6079 * 3.3082 *
   ************************************************************************
10 * 1.6659 * 1.7189 * 1.7637 * 1.6725 * 1.6169 * 1.6250 * 1.7209 *  .7350 *
   * 1.6603 * 1.6093 * 1.5731 * 1.6550 * 1.6964 * 1.6953 * 1.5961 * 3.3400 *
   ************************************************************************
11 * 1.4522 * 1.6773 * 1.6727 * 1.6337 * 1.5793 * 1.5291 * 1.0453 *  .4813 *
   * 1.8852 * 1.6454 * 1.6549 * 1.6901 * 1.7661 * 1.8047 * 2.4184 * 5.1311 *
   ************************************************************************
12 * 1.5950 * 1.6362 * 1.6192 * 1.5796 * 1.5521 * 1.5704 *  .7942 *
   * 1.7020 * 1.6731 * 1.6943 * 1.7658 * 1.8078 * 1.7728 * 3.1616 *
   ****************************************************************
13 * 1.4974 * 1.7236 * 1.6272 * 1.5303 * 1.5705 * 1.7214 *  .7086 *
   * 1.8123 * 1.5883 * 1.6933 * 1.8035 * 1.7721 * 1.6260 * 3.5573 *
   ****************************************************************
14 * 1.7240 * 1.7013 * 1.7232 * 1.0464 *  .7947 *  .7230 *
   * 1.5733 * 1.6051 * 1.5942 * 2.4160 * 3.1600 * 3.4896 *
   ********************************************************
15 *  .7043 *  .7345 *  .7357 *  .4818 * F-SUB-Q
   * 3.4833 * 3.3056 * 3.3372 * 5.1260 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.5252 * 1.4097 * 1.6351 * 1.4248 * 1.5686 * 1.4711 * 1.6975 *  .6925 *
   * 1.6600 * 1.7898 * 1.5511 * 1.7592 * 1.5835 * 1.6887 * 1.4634 * 3.2505 *
   ************************************************************************
 9 * 1.4097 * 1.6928 * 1.6902 * 1.6492 * 1.6050 * 1.6941 * 1.6729 *  .7238 *
   * 1.7898 * 1.4966 * 1.5013 * 1.5357 * 1.5590 * 1.4780 * 1.4929 * 3.0763 *
   ************************************************************************
10 * 1.6351 * 1.6894 * 1.7337 * 1.6441 * 1.5909 * 1.5992 * 1.6959 *  .7240 *
   * 1.5511 * 1.5020 * 1.4681 * 1.5445 * 1.5826 * 1.5801 * 1.4856 * 3.1023 *
   ************************************************************************
11 * 1.4248 * 1.6492 * 1.6443 * 1.6066 * 1.5546 * 1.5052 * 1.0301 *  .4727 *
   * 1.7592 * 1.5357 * 1.5443 * 1.5767 * 1.6427 * 1.6798 * 2.2501 * 4.7988 *
   ************************************************************************
12 * 1.5686 * 1.6083 * 1.5931 * 1.5549 * 1.5279 * 1.5487 *  .7832 *
   * 1.5835 * 1.5559 * 1.5806 * 1.6424 * 1.6817 * 1.6478 * 2.9398 *
   ****************************************************************
13 * 1.4711 * 1.6981 * 1.6014 * 1.5064 * 1.5489 * 1.6987 *  .6986 *
   * 1.6887 * 1.4749 * 1.5782 * 1.6786 * 1.6471 * 1.5060 * 3.3051 *
   ****************************************************************
14 * 1.6975 * 1.6761 * 1.6982 * 1.0312 *  .7836 *  .7128 *
   * 1.4634 * 1.4902 * 1.4838 * 2.2478 * 2.9384 * 3.2429 *
   ********************************************************
15 *  .6925 *  .7245 *  .7248 *  .4732 * F-SUB-Q
   * 3.2505 * 3.0738 * 3.0994 * 4.7939 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4843 * 1.3751 * 1.5965 * 1.3917 * 1.5321 * 1.4385 * 1.6574 *  .6847 *
   * 1.6982 * 1.8273 * 1.5795 * 1.7904 * 1.6154 * 1.7210 * 1.4940 * 3.2835 *
   ************************************************************************
 9 * 1.3751 * 1.6502 * 1.6521 * 1.6089 * 1.5688 * 1.6587 * 1.6349 *  .7177 *
   * 1.8273 * 1.5275 * 1.5253 * 1.5652 * 1.5878 * 1.5031 * 1.5210 * 3.0979 *
   ************************************************************************
10 * 1.5965 * 1.6513 * 1.6942 * 1.6073 * 1.5527 * 1.5646 * 1.6580 *  .7178 *
   * 1.5795 * 1.5260 * 1.4934 * 1.5719 * 1.6122 * 1.6052 * 1.5086 * 3.1166 *
   ************************************************************************
11 * 1.3917 * 1.6089 * 1.6075 * 1.5672 * 1.5209 * 1.4691 * 1.0192 *  .4671 *
   * 1.7904 * 1.5653 * 1.5717 * 1.6130 * 1.6738 * 1.7178 * 2.2705 * 4.8406 *
   ************************************************************************
12 * 1.5321 * 1.5721 * 1.5549 * 1.5212 * 1.4950 * 1.5146 *  .7783 *
   * 1.6154 * 1.5847 * 1.6101 * 1.6734 * 1.7113 * 1.6795 * 2.9519 *
   ****************************************************************
13 * 1.4385 * 1.6626 * 1.5667 * 1.4703 * 1.5148 * 1.6621 *  .6921 *
   * 1.7210 * 1.4999 * 1.6031 * 1.7166 * 1.6787 * 1.5300 * 3.3260 *
   ****************************************************************
14 * 1.6574 * 1.6380 * 1.6603 * 1.0203 *  .7787 *  .7066 *
   * 1.4940 * 1.5183 * 1.5066 * 2.2681 * 2.9503 * 3.2608 *
   ********************************************************
15 *  .6847 *  .7184 *  .7186 *  .4676 * F-SUB-Q
   * 3.2835 * 3.0954 * 3.1138 * 4.8355 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4844 * 1.3650 * 1.5902 * 1.3831 * 1.5319 * 1.4306 * 1.6639 *  .6680 *
   * 1.5679 * 1.7042 * 1.4702 * 1.6746 * 1.5039 * 1.6110 * 1.3854 * 3.1390 *
   ************************************************************************
 9 * 1.3650 * 1.6521 * 1.6479 * 1.6118 * 1.5639 * 1.6581 * 1.6401 *  .6962 *
   * 1.7042 * 1.4163 * 1.4196 * 1.4513 * 1.4815 * 1.3987 * 1.4105 * 2.9783 *
   ************************************************************************
10 * 1.5902 * 1.6471 * 1.6906 * 1.6026 * 1.5559 * 1.5615 * 1.6633 *  .6977 *
   * 1.4702 * 1.4203 * 1.3891 * 1.4631 * 1.4946 * 1.4928 * 1.3957 * 2.9849 *
   ************************************************************************
11 * 1.3831 * 1.6118 * 1.6027 * 1.5698 * 1.5173 * 1.4734 *  .9964 *  .4539 *
   * 1.6746 * 1.4513 * 1.4629 * 1.4933 * 1.5590 * 1.5895 * 2.1527 * 4.6241 *
   ************************************************************************
12 * 1.5319 * 1.5673 * 1.5581 * 1.5177 * 1.4911 * 1.5191 *  .7540 *
   * 1.5039 * 1.4786 * 1.4926 * 1.5586 * 1.5903 * 1.5531 * 2.8364 *
   ****************************************************************
13 * 1.4306 * 1.6621 * 1.5636 * 1.4745 * 1.5193 * 1.6690 *  .6747 *
   * 1.6110 * 1.3957 * 1.4908 * 1.5883 * 1.5531 * 1.4139 * 3.1755 *
   ****************************************************************
14 * 1.6639 * 1.6433 * 1.6656 *  .9975 *  .7544 *  .6881 *
   * 1.3854 * 1.4079 * 1.3939 * 2.1504 * 2.8349 * 3.1166 *
   ********************************************************
15 *  .6680 *  .6969 *  .6984 *  .4544 * F-SUB-Q
   * 3.1390 * 2.9758 * 2.9822 * 4.6192 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4631 * 1.3450 * 1.5698 * 1.3634 * 1.5111 * 1.4110 * 1.6430 *  .6566 *
   * 1.4863 * 1.6212 * 1.3967 * 1.5957 * 1.4330 * 1.5351 * 1.3186 * 3.0073 *
   ************************************************************************
 9 * 1.3450 * 1.6308 * 1.6277 * 1.5915 * 1.5434 * 1.6387 * 1.6198 *  .6844 *
   * 1.6212 * 1.3465 * 1.3485 * 1.3796 * 1.4103 * 1.3291 * 1.3414 * 2.8525 *
   ************************************************************************
10 * 1.5698 * 1.6268 * 1.6698 * 1.5824 * 1.5359 * 1.5421 * 1.6426 *  .6860 *
   * 1.3967 * 1.3492 * 1.3194 * 1.3900 * 1.4212 * 1.4176 * 1.3253 * 2.8551 *
   ************************************************************************
11 * 1.3634 * 1.5915 * 1.5826 * 1.5494 * 1.4969 * 1.4538 *  .9805 *  .4458 *
   * 1.5957 * 1.3797 * 1.3899 * 1.4187 * 1.4752 * 1.5070 * 2.0493 * 4.4217 *
   ************************************************************************
12 * 1.5111 * 1.5467 * 1.5381 * 1.4973 * 1.4710 * 1.4975 *  .7408 *
   * 1.4330 * 1.4074 * 1.4193 * 1.4749 * 1.5024 * 1.4736 * 2.6986 *
   ****************************************************************
13 * 1.4110 * 1.6426 * 1.5442 * 1.4549 * 1.4977 * 1.6460 *  .6626 *
   * 1.5351 * 1.3262 * 1.4157 * 1.5059 * 1.4734 * 1.3412 * 3.0273 *
   ****************************************************************
14 * 1.6430 * 1.6230 * 1.6449 *  .9816 *  .7412 *  .6757 *
   * 1.3186 * 1.3390 * 1.3236 * 2.0471 * 2.6972 * 2.9715 *
   ********************************************************
15 *  .6566 *  .6851 *  .6867 *  .4463 * F-SUB-Q
   * 3.0073 * 2.8501 * 2.8526 * 4.4170 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.4150 * 1.3127 * 1.5313 * 1.3300 * 1.4637 * 1.3769 * 1.5875 *  .6503 *
   * 1.4548 * 1.5746 * 1.3569 * 1.5521 * 1.4037 * 1.4927 * 1.2946 * 2.8867 *
   ************************************************************************
 9 * 1.3127 * 1.5799 * 1.5870 * 1.5417 * 1.5035 * 1.5955 * 1.5670 *  .6828 *
   * 1.5746 * 1.3180 * 1.3111 * 1.3504 * 1.3731 * 1.2941 * 1.3148 * 2.7180 *
   ************************************************************************
10 * 1.5313 * 1.5861 * 1.6267 * 1.5429 * 1.4869 * 1.5023 * 1.5887 *  .6828 *
   * 1.3569 * 1.3117 * 1.2834 * 1.3510 * 1.3918 * 1.3783 * 1.2978 * 2.7246 *
   ************************************************************************
11 * 1.3300 * 1.5416 * 1.5431 * 1.5000 * 1.4561 * 1.4046 *  .9707 *  .4426 *
   * 1.5521 * 1.3505 * 1.3509 * 1.3888 * 1.4324 * 1.4758 * 1.9612 * 4.2287 *
   ************************************************************************
12 * 1.4637 * 1.5068 * 1.4890 * 1.4565 * 1.4309 * 1.4426 *  .7383 *
   * 1.4037 * 1.3703 * 1.3900 * 1.4321 * 1.4573 * 1.4403 * 2.5602 *
   ****************************************************************
13 * 1.3769 * 1.5993 * 1.5044 * 1.4057 * 1.4427 * 1.5840 *  .6548 *
   * 1.4927 * 1.2913 * 1.3765 * 1.4747 * 1.4401 * 1.3110 * 2.8900 *
   ****************************************************************
14 * 1.5875 * 1.5701 * 1.5909 *  .9717 *  .7387 *  .6684 *
   * 1.2946 * 1.3124 * 1.2961 * 1.9592 * 2.5588 * 2.8338 *
   ********************************************************
15 *  .6503 *  .6835 *  .6835 *  .4431 * F-SUB-Q
   * 2.8867 * 2.7159 * 2.7223 * 4.2244 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.4030	1.3019	1.5191	1.3181	1.4448	1.3635	1.5686	.6348
	1.4037	1.5194	1.3086	1.4995	1.3634	1.4431	1.2541	2.8369
9	1.3019	1.5610	1.5725	1.5239	1.4899	1.5792	1.5459	.6629
	1.5194	1.2769	1.2658	1.3076	1.3263	1.2508	1.2753	2.6858
10	1.5191	1.5717	1.6107	1.5298	1.4697	1.4886	1.5649	.6609
	1.3086	1.2665	1.2400	1.3034	1.3477	1.3311	1.2599	2.6995
11	1.3181	1.5239	1.5300	1.4826	1.4407	1.3886	.9437	.4304
	1.4995	1.3076	1.3033	1.3444	1.3824	1.4270	1.9307	4.1711
12	1.4448	1.4930	1.4718	1.4410	1.4150	1.4211	.7149	
	1.3634	1.3236	1.3460	1.3820	1.4067	1.3958	2.5284	
13	1.3635	1.5829	1.4906	1.3897	1.4217	1.5501	.6313	
	1.4431	1.2480	1.3294	1.4259	1.3952	1.2762	2.8629	
14	1.5686	1.5488	1.5671	.9447	.7153	.6438		
	1.2541	1.2730	1.2583	1.9287	2.5272	2.8105		
15	.6348	.6635	.6615	.4308	F-SUB-Q			
	2.8369	2.6835	2.6971	4.1669	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.3520	1.2531	1.4462	1.2675	1.3834	1.3042	1.4913	.6245
	1.4057	1.5241	1.3263	1.5057	1.3726	1.4562	1.2732	2.7907
9	1.2531	1.4795	1.4996	1.4457	1.4226	1.5004	1.4676	.6478
	1.5241	1.3004	1.2807	1.3299	1.3399	1.2699	1.2963	2.6597
10	1.4462	1.4989	1.5223	1.4629	1.3954	1.4184	1.4768	.6386
	1.3263	1.2813	1.2655	1.3142	1.3703	1.3478	1.2881	2.7035
11	1.2675	1.4456	1.4631	1.4061	1.3724	1.3272	.9092	.4132
	1.5057	1.3299	1.3140	1.3677	1.3988	1.4400	1.9363	4.2093
12	1.3834	1.4254	1.3972	1.3727	1.3417	1.3550	.6994	
	1.3726	1.3374	1.3686	1.3984	1.4299	1.4100	2.4967	
13	1.3042	1.5040	1.4203	1.3282	1.3556	1.4427	.6004	
	1.4562	1.2671	1.3461	1.4389	1.4093	1.3207	2.9087	
14	1.4913	1.4703	1.4788	.9101	.6998	.6115		
	1.2732	1.2940	1.2865	1.9345	2.4954	2.8582		
15	.6245	.6484	.6392	.4136	F-SUB-Q			
	2.7907	2.6576	2.7012	4.2051	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.3556	1.0962	1.2148	1.1001	1.3846	1.1163	1.3823	.5635
	1.3594	1.6855	1.5340	1.6798	1.3304	1.6529	1.3342	3.0176
9	1.0962	1.3356	1.2806	1.3677	1.1929	1.2722	1.3916	.5879
	1.6855	1.3940	1.4548	1.3589	1.5533	1.4542	1.3266	2.8581
10	1.2148	1.2800	1.2363	1.2525	1.2682	1.1971	1.2980	.5617
	1.5340	1.4555	1.5128	1.4889	1.4645	1.5511	1.4239	2.9979
11	1.1001	1.3679	1.2527	1.2613	1.1579	1.3212	.8016	.3584
	1.6798	1.3587	1.4887	1.4767	1.6088	1.4022	2.1380	4.7416
12	1.3846	1.1940	1.2692	1.1585	1.0882	1.3029	.6402	
	1.3304	1.5520	1.4634	1.6081	1.7117	1.4232	2.6574	
13	1.1163	1.2750	1.1986	1.3221	1.3035	1.1786	.5096	
	1.6529	1.4512	1.5492	1.4013	1.4225	1.5722	3.3413	
14	1.3823	1.3937	1.2996	.8024	.6406	.5190		
	1.3342	1.3246	1.4222	2.1359	2.6559	3.2832		
15	.5635	.5886	.5623	.3587	F-SUB-Q			
	3.0176	2.8553	2.9954	4.7370	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.5773	.4941	.4948	.4951	.5843	.4882	.5142	.2519
	3.1140	3.6490	3.6596	3.6391	3.0747	3.6848	3.4930	6.5974
9	.4941	.5657	.5197	.5816	.4932	.5009	.5154	.2566
	3.6490	3.1957	3.4855	3.1051	3.6538	3.5950	3.4870	6.4018
10	.4948	.5195	.4872	.5159	.5602	.4860	.4734	.2399
	3.6596	3.4867	3.7260	3.5093	3.2255	3.7163	3.8024	6.8606
11	.4951	.5817	.5161	.5535	.4730	.5167	.3488	.1600
	3.6391	3.1044	3.5079	3.2731	3.8297	3.4923	4.7948	10.3958
12	.5843	.4936	.5606	.4732	.4367	.4847	.2778	
	3.0747	3.6511	3.2234	3.8283	4.1471	3.7247	5.9835	
13	.4882	.5019	.4866	.5170	.4850	.4214	.2138	
	3.6848	3.5881	3.7122	3.4899	3.7228	4.2840	7.7847	
14	.5142	.5162	.4740	.3491	.2781	.2172		
	3.4930	3.4820	3.7979	4.7908	5.9792	7.6690		
15	.2519	.2568	.2402	.1602	F-SUB-Q			
	6.5974	6.3963	6.8542	10.3851	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	.6678	.6830	.6931	.6857	.7908	.6718	.6709	.3469
	3.6982	4.2722	4.1772	4.0228	3.4464	4.0501	4.0565	7.1772
9	.6830	.7886	.7203	.7955	.6788	.6625	.6704	.3494
	4.2722	3.8192	3.9870	3.5368	4.0544	4.1331	4.0890	7.0856
10	.6931	.7201	.6805	.7041	.7533	.6452	.6148	.3229
	4.1771	3.9878	4.2934	4.0765	3.7849	4.3936	4.5266	7.7226
11	.6857	.7955	.7043	.7431	.6299	.6619	.4583	.2290
	4.0228	3.5359	4.0755	4.0420	4.7707	4.4342	5.9365	11.3482
12	.7908	.6792	.7537	.6301	.5347	.5816	.3601	
	3.4464	4.0520	3.7826	4.7695	5.0525	4.6716	7.3001	
13	.6718	.6641	.6458	.6621	.5817	.5055	.2679	
	4.0501	4.1231	4.3891	4.4325	4.6712	5.2738	9.5110	
14	.6709	.6715	.6154	.4585	.3600	.2740		
	4.0565	4.0823	4.5216	5.9331	7.3015	9.3070		
15	.3469	.3496	.3232	.2291	F-SUB-Q			
	7.1772	7.0823	7.7176	11.3408	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.6919	1.4838	1.6338	1.4756	1.7654	1.4779	1.6998	.7710
	1.7201	2.0496	1.8458	1.9386	1.6021	1.9073	1.6652	3.3570
9	1.4838	1.7541	1.6912	1.7595	1.5785	1.5879	1.7024	.8008
	2.0496	1.7923	1.7596	1.6680	1.8131	1.7851	1.6636	3.1991
10	1.6338	1.6908	1.6438	1.6396	1.5979	1.5243	1.5841	.7572
	1.8458	1.7601	1.8461	1.8212	1.8496	1.9231	1.8224	3.4095
11	1.4756	1.7596	1.6398	1.5853	1.4759	1.6096	1.0449	.5056
	1.9386	1.6677	1.8209	1.9564	2.0833	1.8898	2.7045	5.3314
12	1.7654	1.5795	1.5988	1.4764	1.3216	1.5253	.8344	
	1.6021	1.8119	1.8486	2.0828	2.1686	1.8928	3.2678	
13	1.4779	1.5914	1.5258	1.6103	1.5256	1.3516	.6590	
	1.9073	1.7811	1.9210	1.8891	1.8925	2.1100	4.0190	
14	1.6998	1.7050	1.5856	1.0452	.8344	.6627		
	1.6652	1.6612	1.8205	2.7032	3.2683	4.0000		
15	.7710	.8015	.7576	.5059	F-SUB-Q			
	3.3570	3.1965	3.4077	5.3281	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7546 * 1.7233 * 1.9276 * 1.7020 * 1.7437 * 1.7117 * 1.8162 *  .8569 *
   * 1.8008 * 1.8662 * 1.6046 * 1.7571 * 1.6578 * 1.6828 * 1.5793 * 3.0606 *
   ************************************************************************
 9 * 1.7233 * 1.9120 * 1.9577 * 1.8370 * 1.8455 * 1.8734 * 1.7808 *  .8976 *
   * 1.8662 * 1.6284 * 1.5587 * 1.6548 * 1.5806 * 1.5492 * 1.6186 * 2.8919 *
   ************************************************************************
10 * 1.9276 * 1.9572 * 1.9918 * 1.8970 * 1.7406 * 1.7871 * 1.7806 *  .8751 *
   * 1.6046 * 1.5590 * 1.5432 * 1.6090 * 1.7230 * 1.6811 * 1.6576 * 3.0170 *
   ************************************************************************
11 * 1.7020 * 1.8370 * 1.8972 * 1.7733 * 1.7296 * 1.6152 * 1.2050 *  .5863 *
   * 1.7571 * 1.6547 * 1.6088 * 1.7608 * 1.8088 * 1.9472 * 2.4069 * 4.7146 *
   ************************************************************************
12 * 1.7437 * 1.8480 * 1.7414 * 1.7301 * 1.6691 * 1.6172 *  .9368 *
   * 1.6578 * 1.5784 * 1.7211 * 1.8086 * 1.8285 * 1.8785 * 2.9975 *
   ****************************************************************
13 * 1.7117 * 1.8780 * 1.7889 * 1.6161 * 1.6176 * 1.6547 *  .7842 *
   * 1.6828 * 1.5455 * 1.6791 * 1.9465 * 1.8781 * 1.7871 * 3.4825 *
   ****************************************************************
14 * 1.8162 * 1.7837 * 1.7825 * 1.2054 *  .9368 *  .7977 *
   * 1.5793 * 1.6161 * 1.6558 * 2.4058 * 2.9976 * 3.4252 *
   ********************************************************
15 *  .8569 *  .8983 *  .8756 *  .5866 * F-SUB-Q
   * 3.0606 * 2.8898 * 3.0153 * 4.7116 * M-SUB-Q
   ************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8734 * 1.8191 * 2.0591 * 1.7943 * 1.8547 * 1.8137 * 1.9551 *  .8635 *
   * 1.7523 * 1.8357 * 1.5438 * 1.7102 * 1.5976 * 1.6273 * 1.4999 * 3.1025 *
   ************************************************************************
 9 * 1.8191 * 2.0549 * 2.0884 * 1.9749 * 1.9626 * 2.0080 * 1.9199 *  .9053 *
   * 1.8357 * 1.5511 * 1.4982 * 1.5777 * 1.5256 * 1.4800 * 1.5380 * 2.9320 *
   ************************************************************************
10 * 2.0591 * 2.0878 * 2.1392 * 2.0205 * 1.8663 * 1.9130 * 1.9322 *  .8971 *
   * 1.5438 * 1.4986 * 1.4695 * 1.5489 * 1.6457 * 1.6106 * 1.5663 * 3.0181 *
   ************************************************************************
11 * 1.7943 * 1.9749 * 2.0207 * 1.9082 * 1.8411 * 1.7324 * 1.2490 *  .6018 *
   * 1.7102 * 1.5776 * 1.5486 * 1.6796 * 1.7386 * 1.8730 * 2.3885 * 4.7180 *
   ************************************************************************
12 * 1.8547 * 1.9658 * 1.8684 * 1.8414 * 1.8024 * 1.7435 *  .9527 *
   * 1.5976 * 1.5231 * 1.6438 * 1.7384 * 1.7503 * 1.8025 * 3.0436 *
   ****************************************************************
13 * 1.8137 * 2.0131 * 1.9151 * 1.7334 * 1.7440 * 1.8343 *  .8217 *
   * 1.6273 * 1.4768 * 1.6086 * 1.8723 * 1.8020 * 1.6661 * 3.4323 *
   ****************************************************************
14 * 1.9551 * 1.9232 * 1.9343 * 1.2495 *  .9528 *  .8383 *
   * 1.4999 * 1.5357 * 1.5645 * 2.3873 * 3.0433 * 3.3672 *
   ********************************************************
15 *  .8635 *  .9060 *  .8976 *  .6022 * F-SUB-Q
   * 3.1025 * 2.9298 * 3.0165 * 4.7148 * M-SUB-Q
   ************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8958 * 1.8206 * 2.0689 * 1.7981 * 1.8845 * 1.8224 * 1.9907 *  .8623 *
   * 1.7990 * 1.9015 * 1.5881 * 1.7612 * 1.6215 * 1.6709 * 1.5200 * 3.2082 *
   ************************************************************************
 9 * 1.8206 * 2.0832 * 2.1031 * 2.0040 * 1.9740 * 2.0234 * 1.9581 *  .9071 *
   * 1.9015 * 1.5792 * 1.5358 * 1.6061 * 1.5632 * 1.5085 * 1.5574 * 3.0215 *
   ************************************************************************
10 * 2.0689 * 2.1025 * 2.1555 * 2.0344 * 1.8960 * 1.9327 * 1.9748 *  .9017 *
   * 1.5881 * 1.5362 * 1.5052 * 1.5893 * 1.6696 * 1.6419 * 1.5793 * 3.1025 *
   ************************************************************************
11 * 1.7981 * 2.0040 * 2.0346 * 1.9371 * 1.8629 * 1.7640 * 1.2610 *  .6000 *
   * 1.7612 * 1.6061 * 1.5891 * 1.7113 * 1.7804 * 1.9023 * 2.4339 * 4.8673 *
   ************************************************************************
12 * 1.8845 * 1.9774 * 1.8982 * 1.8633 * 1.8250 * 1.7840 *  .9595 *
   * 1.6215 * 1.5605 * 1.6675 * 1.7801 * 1.7928 * 1.8267 * 3.1364 *
   ****************************************************************
13 * 1.8224 * 2.0287 * 1.9349 * 1.7651 * 1.7846 * 1.8969 *  .8342 *
   * 1.6709 * 1.5052 * 1.6397 * 1.9016 * 1.8264 * 1.6721 * 3.5116 *
   ****************************************************************
14 * 1.9907 * 1.9615 * 1.9770 * 1.2616 *  .9597 *  .8521 *
   * 1.5200 * 1.5550 * 1.5774 * 2.4324 * 3.1358 * 3.4408 *
   ********************************************************
15 *  .8623 *  .9078 *  .9022 *  .6004 * F-SUB-Q
   * 3.2082 * 3.0193 * 3.1006 * 4.8636 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8740 * 1.7886 * 2.0379 * 1.7711 * 1.8702 * 1.7984 * 1.9794 *  .8548 *
   * 1.8895 * 1.9950 * 1.6629 * 1.8442 * 1.6846 * 1.7437 * 1.5739 * 3.3363 *
   ************************************************************************
 9 * 1.7886 * 2.0611 * 2.0764 * 1.9854 * 1.9497 * 2.0061 * 1.9494 *  .9009 *
   * 1.9950 * 1.6463 * 1.6029 * 1.6711 * 1.6320 * 1.5646 * 1.6113 * 3.1354 *
   ************************************************************************
10 * 2.0379 * 2.0758 * 2.1278 * 2.0096 * 1.8816 * 1.9138 * 1.9681 *  .8958 *
   * 1.6629 * 1.6034 * 1.5720 * 1.6582 * 1.7367 * 1.7104 * 1.6330 * 3.2144 *
   ************************************************************************
11 * 1.7711 * 1.9854 * 2.0098 * 1.9209 * 1.8485 * 1.7555 * 1.2563 *  .5926 *
   * 1.8442 * 1.6710 * 1.6580 * 1.7801 * 1.8674 * 1.9849 * 2.5286 * 5.0938 *
   ************************************************************************
12 * 1.8702 * 1.9532 * 1.8839 * 1.8489 * 1.8109 * 1.7816 *  .9587 *
   * 1.6846 * 1.6290 * 1.7345 * 1.8670 * 1.8840 * 1.9058 * 3.2773 *
   ****************************************************************
13 * 1.7984 * 2.0106 * 1.9161 * 1.7566 * 1.7823 * 1.9060 *  .8349 *
   * 1.7437 * 1.5611 * 1.7082 * 1.9839 * 1.9056 * 1.7410 * 3.6753 *
   ****************************************************************
14 * 1.9794 * 1.9529 * 1.9704 * 1.2570 *  .9590 *  .8531 *
   * 1.5739 * 1.6087 * 1.6310 * 2.5268 * 3.2763 * 3.6001 *
   ********************************************************
15 *  .8548 *  .9017 *  .8964 *  .5930 * F-SUB-Q
   * 3.3363 * 3.1330 * 3.2122 * 5.0896 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.8564	1.7598	2.0115	1.7465	1.8583	1.7770	1.9747	.8374
	1.9662	2.0867	1.7594	1.9536	1.7708	1.8415	1.6435	3.5445
9	1.7598	2.0446	2.0534	1.9727	1.9297	1.9932	1.9449	.8810
	2.0867	1.7312	1.6917	1.7555	1.7214	1.6415	1.6832	3.3378
10	2.0115	2.0528	2.1057	1.9895	1.8731	1.8992	1.9651	.8774
	1.7594	1.6922	1.6573	1.7489	1.8227	1.8004	1.7068	3.4226
11	1.7465	1.9728	1.9897	1.9104	1.8366	1.7519	1.2354	.5781
	1.9536	1.7555	1.7486	1.8696	1.9616	2.0612	2.6901	5.4558
12	1.8583	1.9333	1.8755	1.8370	1.8000	1.7813	.9394	
	1.7708	1.7181	1.8202	1.9612	1.9778	1.9886	3.4926	
13	1.7770	1.9978	1.9015	1.7531	1.7820	1.9151	.8230	
	1.8415	1.6377	1.7979	2.0598	1.9884	1.8154	3.9072	
14	1.9747	1.9485	1.9675	1.2362	.9398	.8411		
	1.6435	1.6803	1.7046	2.6879	3.4914	3.8263		
15	.8374	.8817	.8780	.5786	F-SUB-Q			
	3.5445	3.3353	3.4201	5.4510	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.8188	1.7176	1.9683	1.7088	1.8271	1.7419	1.9469	.8199
	2.1010	2.2413	1.9030	2.1138	1.9060	1.9870	1.7605	3.8197
9	1.7176	2.0062	2.0130	1.9384	1.8934	1.9622	1.9184	.8612
	2.2413	1.8660	1.8260	1.8902	1.8561	1.7619	1.8031	3.6034
10	1.9683	2.0123	2.0647	1.9517	1.8437	1.8672	1.9394	.8583
	1.9030	1.8266	1.7878	1.8864	1.9590	1.9352	1.8279	3.6955
11	1.7088	1.9384	1.9520	1.8788	1.8077	1.7279	1.2116	.5645
	2.1138	1.8901	1.8861	2.0121	2.0784	2.1829	2.8805	5.9069
12	1.8271	1.8970	1.8461	1.8081	1.7720	1.7597	.9206	
	1.9060	1.8525	1.9563	2.0779	2.1032	2.1160	3.7259	
13	1.7419	1.9668	1.8695	1.7292	1.7605	1.8992	.8092	
	1.9870	1.7577	1.9324	2.1813	2.1151	1.9330	4.1934	
14	1.9469	1.9220	1.9418	1.2125	.9210	.8268		
	1.7605	1.7998	1.8255	2.8783	3.7244	4.1074		
15	.8199	.8620	.8590	.5650	F-SUB-Q			
	3.8197	3.6006	3.6926	5.9013	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7842 * 1.6776 * 1.9275 * 1.6725 * 1.7982 * 1.7080 * 1.9212 *  .7994 *
   * 2.2899 * 2.4255 * 2.0678 * 2.2904 * 2.0415 * 2.1329 * 1.8761 * 4.0996 *
   ************************************************************************
 9 * 1.6776 * 1.9712 * 1.9745 * 1.9072 * 1.8587 * 1.9318 * 1.8929 *  .8373 *
   * 2.4255 * 2.0237 * 1.9810 * 2.0412 * 1.9939 * 1.8841 * 1.9224 * 3.8781 *
   ************************************************************************
10 * 1.9275 * 1.9738 * 2.0263 * 1.9160 * 1.8167 * 1.8365 * 1.9146 *  .8361 *
   * 2.0678 * 1.9816 * 1.9394 * 2.0417 * 2.0978 * 2.0716 * 1.9489 * 3.9695 *
   ************************************************************************
11 * 1.6725 * 1.9072 * 1.9163 * 1.8497 * 1.7790 * 1.7053 * 1.1839 *  .5487 *
   * 2.2904 * 2.0412 * 2.0414 * 2.1716 * 2.2417 * 2.3469 * 3.1152 * 6.3548 *
   ************************************************************************
12 * 1.7982 * 1.8623 * 1.8191 * 1.7794 * 1.7444 * 1.7384 *  .8977 *
   * 2.0415 * 1.9900 * 2.0949 * 2.2413 * 2.2725 * 2.2670 * 4.0449 *
   ****************************************************************
13 * 1.7080 * 1.9364 * 1.8388 * 1.7065 * 1.7391 * 1.8815 *  .7915 *
   * 2.1329 * 1.8796 * 2.0686 * 2.3453 * 2.2668 * 2.0656 * 4.5311 *
   ****************************************************************
14 * 1.9212 * 1.8965 * 1.9171 * 1.1849 *  .8982 *  .8088 *
   * 1.8761 * 1.9189 * 1.9463 * 3.1125 * 4.0431 * 4.4377 *
   ********************************************************
15 *  .7994 *  .8381 *  .8368 *  .5492 * F-SUB-Q
   * 4.0996 * 3.8751 * 3.9663 * 6.3485 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7105 * 1.6133 * 1.8557 * 1.6121 * 1.7327 * 1.6489 * 1.8511 *  .7836 *
   * 2.5508 * 2.6952 * 2.2797 * 2.5232 * 2.2380 * 2.3328 * 2.0562 * 4.4046 *
   ************************************************************************
 9 * 1.6133 * 1.8949 * 1.9038 * 1.8352 * 1.7934 * 1.8678 * 1.8264 *  .8250 *
   * 2.6952 * 2.2319 * 2.1800 * 2.2501 * 2.1833 * 2.0575 * 2.1027 * 4.1431 *
   ************************************************************************
10 * 1.8557 * 1.9030 * 1.9533 * 1.8485 * 1.7505 * 1.7744 * 1.8481 *  .8229 *
   * 2.2797 * 2.1807 * 2.1333 * 2.2458 * 2.2979 * 2.2571 * 2.1246 * 4.2281 *
   ************************************************************************
11 * 1.6121 * 1.8352 * 1.8488 * 1.7810 * 1.7204 * 1.6440 * 1.1621 *  .5376 *
   * 2.5232 * 2.2501 * 2.2455 * 2.3935 * 2.4971 * 2.5945 * 3.3467 * 6.7673 *
   ************************************************************************
12 * 1.7327 * 1.7969 * 1.7528 * 1.7208 * 1.6872 * 1.6795 *  .8865 *
   * 2.2380 * 2.1790 * 2.2947 * 2.4966 * 2.5326 * 2.5231 * 4.4021 *
   ****************************************************************
13 * 1.6489 * 1.8723 * 1.7768 * 1.6452 * 1.6803 * 1.8202 *  .7793 *
   * 2.3328 * 2.0527 * 2.2538 * 2.5925 * 2.5229 * 2.2979 * 4.9456 *
   ****************************************************************
14 * 1.8511 * 1.8299 * 1.8505 * 1.1631 *  .8870 *  .7969 *
   * 2.0562 * 2.0987 * 2.1218 * 3.3434 * 4.4001 * 4.8404 *
   ********************************************************
15 *  .7836 *  .8257 *  .8236 *  .5381 * F-SUB-Q
   * 4.4046 * 4.1398 * 4.2244 * 6.7604 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6878 * 1.5805 * 1.8240 * 1.5822 * 1.7129 * 1.6208 * 1.8377 *  .7580 *
   * 2.8026 * 2.9877 * 2.4399 * 2.6947 * 2.3683 * 2.4800 * 2.1577 * 4.7224 *
   ************************************************************************
 9 * 1.5805 * 1.8724 * 1.8742 * 1.8158 * 1.7667 * 1.8458 * 1.8119 *  .7941 *
   * 2.9877 * 2.3801 * 2.3290 * 2.3889 * 2.3186 * 2.1735 * 2.2109 * 4.4659 *
   ************************************************************************
10 * 1.8240 * 1.8734 * 1.9244 * 1.8209 * 1.7342 * 1.7513 * 1.8340 *  .7929 *
   * 2.4399 * 2.3298 * 2.2776 * 2.3941 * 2.4282 * 2.3929 * 2.2394 * 4.5718 *
   ************************************************************************
11 * 1.5822 * 1.8158 * 1.8212 * 1.7631 * 1.6984 * 1.6316 * 1.1262 *  .5184 *
   * 2.6947 * 2.3888 * 2.3937 * 2.5381 * 2.7222 * 2.8214 * 3.6237 * 7.3379 *
   ************************************************************************
12 * 1.7129 * 1.7702 * 1.7366 * 1.6988 * 1.6661 * 1.6668 *  .8534 *
   * 2.3683 * 2.3139 * 2.4248 * 2.7216 * 2.7691 * 2.7547 * 4.9221 *
   ***************************************************************
13 * 1.6208 * 1.8502 * 1.7536 * 1.6328 * 1.6676 * 1.8123 *  .7549 *
   * 2.4800 * 2.1684 * 2.3894 * 2.8194 * 2.7535 * 2.5109 * 5.5417 *
   ***************************************************************
14 * 1.8377 * 1.8154 * 1.8365 * 1.1272 *  .8538 *  .7711 *
   * 2.1577 * 2.2066 * 2.2363 * 3.6200 * 4.9198 * 5.4293 *
   ********************************************************
15 *  .7580 *  .7949 *  .7937 *  .5189 * F-SUB-Q
   * 4.7224 * 4.4623 * 4.5679 * 7.3303 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6394 * 1.5315 * 1.7711 * 1.5364 * 1.6691 * 1.5764 * 1.7939 *  .7373 *
   * 2.8716 * 3.0642 * 2.6523 * 2.9330 * 2.5598 * 2.6841 * 2.3228 * 5.0838 *
   ************************************************************************
 9 * 1.5315 * 1.8213 * 1.8229 * 1.7682 * 1.7194 * 1.8009 * 1.7693 *  .7723 *
   * 3.0642 * 2.5815 * 2.5339 * 2.5939 * 2.5095 * 2.3433 * 2.3798 * 4.8089 *
   ************************************************************************
10 * 1.7711 * 1.8221 * 1.8717 * 1.7717 * 1.6910 * 1.7066 * 1.7914 *  .7711 *
   * 2.6523 * 2.5349 * 2.4765 * 2.6014 * 2.6214 * 2.5803 * 2.4081 * 4.9208 *
   ************************************************************************
11 * 1.5364 * 1.7682 * 1.7719 * 1.7179 * 1.6562 * 1.5929 * 1.0967 *  .5037 *
   * 2.9330 * 2.5938 * 2.6010 * 2.7472 * 2.8863 * 2.9763 * 3.9083 * 7.8952 *
   ************************************************************************
12 * 1.6691 * 1.7229 * 1.6934 * 1.6566 * 1.6249 * 1.6288 *  .8312 *
   * 2.5598 * 2.5044 * 2.6177 * 2.8856 * 2.9579 * 2.9458 * 5.2914 *
   ***************************************************************
13 * 1.5764 * 1.8053 * 1.7090 * 1.5941 * 1.6296 * 1.7748 *  .7361 *
   * 2.6841 * 2.3378 * 2.5765 * 2.9739 * 2.9444 * 2.7261 * 6.0288 *
   ***************************************************************
14 * 1.7939 * 1.7728 * 1.7939 * 1.0977 *  .8317 *  .7517 *
   * 2.3228 * 2.3751 * 2.4048 * 3.9042 * 5.2886 * 5.9085 *
   ********************************************************
15 *  .7373 *  .7730 *  .7719 *  .5042 * F-SUB-Q
   * 5.0838 * 4.8050 * 4.9164 * 7.8869 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.5695	1.4703	1.7020	1.4778	1.6058	1.5185	1.7265	.7189
	2.9149	3.1020	2.6143	2.8806	2.5569	2.6915	2.3627	5.1504
9	1.4703	1.7485	1.7541	1.6993	1.6557	1.7376	1.7044	.7554
	3.1020	2.5495	2.4941	2.5688	2.5162	2.3773	2.4233	4.8628
10	1.7020	1.7533	1.8013	1.7062	1.6270	1.6459	1.7266	.7542
	2.6143	2.4951	2.4500	2.5832	2.6562	2.6397	2.4857	5.0227
11	1.4778	1.6993	1.7065	1.6516	1.5981	1.5332	1.0707	.4904
	2.8806	2.5688	2.5828	2.7501	2.9160	3.0121	3.9840	8.2008
12	1.6058	1.6591	1.6293	1.5985	1.5686	1.5707	.8155	
	2.5569	2.5114	2.6522	2.9152	2.9890	2.9807	5.2599	
13	1.5185	1.7418	1.6482	1.5344	1.5715	1.7140	.7205	
	2.6915	2.3718	2.6356	3.0096	2.9792	2.7561	6.0130	
14	1.7265	1.7078	1.7290	1.0718	.8160	.7364		
	2.3627	2.4193	2.4820	3.9797	5.2568	5.8885		
15	.7189	.7561	.7550	.4909	F-SUB-Q			
	5.1504	4.8586	5.0176	8.1909	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.5408	1.4331	1.6651	1.4437	1.5789	1.4857	1.7054	.6925
	2.8338	3.0279	2.4883	2.7476	2.4283	2.5693	2.2341	4.9959
9	1.4331	1.7195	1.7190	1.6730	1.6234	1.7092	1.6830	.7243
	3.0279	2.4128	2.3702	2.4314	2.3964	2.2573	2.2934	4.7395
10	1.6651	1.7182	1.7663	1.6725	1.6039	1.6165	1.7051	.7241
	2.4883	2.3711	2.3260	2.4556	2.5154	2.5074	2.3506	4.8884
11	1.4437	1.6729	1.6727	1.6270	1.5704	1.5140	1.0335	.4707
	2.7476	2.4314	2.4552	2.6014	2.8090	2.8843	3.8568	7.9748
12	1.5789	1.6268	1.6062	1.5708	1.5415	1.5511	.7815	
	2.4283	2.3915	2.5116	2.8084	2.8808	2.8423	5.1068	
13	1.4857	1.7134	1.6188	1.5152	1.5519	1.6981	.6954	
	2.5693	2.2520	2.5035	2.8821	2.8410	2.6160	5.7759	
14	1.7054	1.6864	1.7075	1.0346	.7820	.7098		
	2.2341	2.2896	2.3470	3.8520	5.1041	5.6639		
15	.6925	.7250	.7248	.4712	F-SUB-Q			
	4.9959	4.7353	4.8832	7.9648	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.4962	1.3876	1.6154	1.4003	1.5374	1.4430	1.6652	.6707
	2.5831	2.7734	2.3721	2.6188	2.3115	2.4536	2.1234	4.7486
9	1.3876	1.6724	1.6704	1.6291	1.5783	1.6661	1.6432	.6991
	2.7734	2.2916	2.2570	2.3099	2.2848	2.1506	2.1801	4.5187
10	1.6154	1.6696	1.7174	1.6260	1.5636	1.5741	1.6655	.7000
	2.3721	2.2579	2.2146	2.3378	2.3863	2.3854	2.2288	4.6407
11	1.4003	1.6291	1.6263	1.5848	1.5300	1.4776	1.0016	.4546
	2.6188	2.3099	2.3374	2.4428	2.5598	2.6222	3.5516	7.5164
12	1.5374	1.5818	1.5659	1.5303	1.5023	1.5165	.7561	
	2.3115	2.2802	2.3828	2.5592	2.6267	2.5871	4.6923	
13	1.4430	1.6703	1.5763	1.4789	1.5167	1.6635	.6745	
	2.4536	2.1456	2.3819	2.6202	2.5859	2.3777	5.3027	
14	1.6652	1.6466	1.6680	1.0027	.7565	.6883		
	2.1234	2.1765	2.2257	3.5477	4.6896	5.2010		
15	.6707	.6998	.7008	.4551	F-SUB-Q			
	4.7486	4.5150	4.6361	7.5074	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.4467	1.3403	1.5631	1.3550	1.4910	1.3978	1.6165	.6508
	2.3768	2.5487	2.1442	2.3679	2.0900	2.2243	1.9200	4.2949
9	1.3403	1.6202	1.6184	1.5793	1.5298	1.6179	1.5961	.6807
	2.5487	2.0648	2.0373	2.0815	2.0671	1.9449	1.9694	4.0735
10	1.5631	1.6176	1.6638	1.5757	1.5171	1.5271	1.6180	.6807
	2.1442	2.0381	1.9981	2.1063	2.1496	2.1472	2.0049	4.1833
11	1.3550	1.5793	1.5759	1.5370	1.4852	1.4347	.9740	.4408
	2.3679	2.0815	2.1059	2.2141	2.3615	2.4115	3.2497	6.7797
12	1.4910	1.5331	1.5194	1.4856	1.4583	1.4749	.7361	
	2.0900	2.0629	2.1465	2.3609	2.4254	2.3865	4.3254	
13	1.3978	1.6220	1.5293	1.4359	1.4751	1.6183	.6565	
	2.2243	1.9405	2.1440	2.4096	2.3854	2.1861	4.8827	
14	1.6165	1.5994	1.6204	.9751	.7365	.6698		
	1.9200	1.9664	2.0020	3.2460	4.3230	4.7900		
15	.6508	.6814	.6814	.4413	F-SUB-Q			
	4.2949	4.0699	4.1789	6.7716	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3890 * 1.2904 * 1.5048 * 1.3056 * 1.4366 * 1.3480 * 1.5565 *  .6354 *
   * 2.3690 * 2.5379 * 2.1216 * 2.3431 * 2.0734 * 2.2043 * 1.9070 * 4.2186 *
   ************************************************************************
 9 * 1.2904 * 1.5577 * 1.5597 * 1.5195 * 1.4746 * 1.5616 * 1.5380 *  .6664 *
   * 2.5379 * 2.0448 * 2.0127 * 2.0619 * 2.0480 * 1.9247 * 1.9543 * 3.9891 *
   ************************************************************************
10 * 1.5048 * 1.5589 * 1.6031 * 1.5191 * 1.4605 * 1.4733 * 1.5597 *  .6662 *
   * 2.1216 * 2.0135 * 1.9743 * 2.0810 * 2.1302 * 2.1209 * 1.9834 * 4.0895 *
   ************************************************************************
11 * 1.3056 * 1.5195 * 1.5193 * 1.4788 * 1.4330 * 1.3812 *  .9510 *  .4302 *
   * 2.3431 * 2.0619 * 2.0807 * 2.1903 * 2.3489 * 2.4035 * 3.1775 * 6.6305 *
   ************************************************************************
12 * 1.4366 * 1.4778 * 1.4627 * 1.4334 * 1.4074 * 1.4226 *  .7222 *
   * 2.0734 * 2.0437 * 2.1271 * 2.3484 * 2.4142 * 2.3812 * 4.2360 *
   ****************************************************************
13 * 1.3480 * 1.5655 * 1.4754 * 1.3824 * 1.4228 * 1.5613 *  .6420 *
   * 2.2043 * 1.9203 * 2.1177 * 2.4015 * 2.3800 * 2.1895 * 4.8275 *
   ****************************************************************
14 * 1.5565 * 1.5412 * 1.5620 *  .9521 *  .7227 *  .6556 *
   * 1.9070 * 1.9509 * 1.9806 * 3.1736 * 4.2335 * 4.7322 *
   ********************************************************
15 *  .6354 *  .6670 *  .6670 *  .4307 * F-SUB-Q
   * 4.2186 * 3.9857 * 4.0854 * 6.6225 * M-SUB-Q
   *************************************
```

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

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.3709 * 1.2631 * 1.4783 * 1.2801 * 1.4172 * 1.3223 * 1.5412 *  .6120 *
   * 2.1352 * 2.2890 * 1.9243 * 2.1329 * 1.8811 * 2.0116 * 1.7249 * 3.9326 *
   ************************************************************************
 9 * 1.2631 * 1.5384 * 1.5343 * 1.5016 * 1.4499 * 1.5393 * 1.5219 *  .6383 *
   * 2.2890 * 1.8435 * 1.8228 * 1.8604 * 1.8623 * 1.7468 * 1.7673 * 3.7394 *
   ************************************************************************
10 * 1.4783 * 1.5335 * 1.5773 * 1.4936 * 1.4438 * 1.4499 * 1.5431 *  .6394 *
   * 1.9243 * 1.8237 * 1.7867 * 1.8853 * 1.9233 * 1.9215 * 1.7885 * 3.8167 *
   ************************************************************************
11 * 1.2801 * 1.5015 * 1.4937 * 1.4614 * 1.4103 * 1.3668 *  .9177 *  .4130 *
   * 2.1329 * 1.8604 * 1.8850 * 1.9718 * 2.1315 * 2.1542 * 2.9242 * 6.1621 *
   ************************************************************************
12 * 1.4172 * 1.4531 * 1.4459 * 1.4107 * 1.3845 * 1.4076 *  .6909 *
   * 1.8811 * 1.8584 * 1.9204 * 2.1304 * 2.1922 * 2.1576 * 3.9670 *
   ****************************************************************
13 * 1.3223 * 1.5432 * 1.4521 * 1.3679 * 1.4078 * 1.5462 *  .6180 *
   * 2.0116 * 1.7428 * 1.9186 * 2.1524 * 2.1565 * 1.9727 * 4.4861 *
   ****************************************************************
14 * 1.5412 * 1.5251 * 1.5454 *  .9188 *  .6913 *  .6304 *
   * 1.7249 * 1.7639 * 1.7860 * 2.9205 * 3.9647 * 4.4024 *
   ********************************************************
15 *  .6120 *  .6389 *  .6401 *  .4134 * F-SUB-Q
   * 3.9326 * 3.7361 * 3.8128 * 6.1546 * M-SUB-Q
   *************************************
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TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.3341	1.2287	1.4400	1.2457	1.3800	1.2872	1.5019	.5944
	1.9564	2.1231	1.7810	1.9805	1.7517	1.8740	1.6064	3.6856
9	1.2287	1.4989	1.4953	1.4634	1.4120	1.5008	1.4831	.6199
	2.1231	1.7028	1.6855	1.7226	1.7318	1.6234	1.6436	3.5028
10	1.4400	1.4945	1.5372	1.4554	1.4068	1.4131	1.5037	.6210
	1.7810	1.6864	1.6519	1.7443	1.7823	1.7797	1.6574	3.5649
11	1.2457	1.4634	1.4556	1.4237	1.3732	1.3312	.8919	.4008
	1.9805	1.7227	1.7440	1.8190	1.9563	1.9920	2.6949	5.7298
12	1.3800	1.4152	1.4089	1.3735	1.3481	1.3696	.6706	
	1.7517	1.7281	1.7797	1.9558	2.0027	1.9746	3.6498	
13	1.2872	1.5046	1.4151	1.3323	1.3697	1.5046	.5995	
	1.8740	1.6196	1.7770	1.9904	1.9736	1.8123	4.1372	
14	1.5019	1.4862	1.5059	.8929	.6711	.6114		
	1.6064	1.6405	1.6551	2.6917	3.6477	4.0604		
15	.5944	.6205	.6217	.4012	F-SUB-Q			
	3.6856	3.4997	3.5612	5.7229	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2750	1.1853	1.3874	1.2006	1.3204	1.2407	1.4330	.5819
	1.8801	1.9785	1.6788	1.8821	1.6829	1.7880	1.5487	3.4736
9	1.1853	1.4343	1.4398	1.4000	1.3586	1.4426	1.4167	.6114
	1.9785	1.6210	1.5979	1.6460	1.6525	1.5512	1.5806	3.2764
10	1.3874	1.4390	1.4786	1.4012	1.3452	1.3593	1.4357	.6110
	1.6788	1.5987	1.5668	1.6537	1.7046	1.6910	1.5878	3.3321
11	1.2006	1.4000	1.4014	1.3615	1.3192	1.2704	.8725	.3935
	1.8821	1.6461	1.6535	1.7297	1.8633	1.8890	2.4981	5.3369
12	1.3204	1.3617	1.3472	1.3195	1.2951	1.3027	.6608	
	1.6829	1.6490	1.7021	1.8624	1.9028	1.8896	3.3935	
13	1.2407	1.4462	1.3613	1.2715	1.3033	1.4292	.5856	
	1.7880	1.5477	1.6886	1.8874	1.8887	1.7330	3.8603	
14	1.4330	1.4196	1.4378	.8735	.6612	.5978		
	1.5487	1.5776	1.5855	2.4953	3.3915	3.7848		
15	.5819	.6120	.6117	.3939	F-SUB-Q			
	3.4736	3.2736	3.3289	5.3307	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.2494	1.1613	1.3596	1.1756	1.2879	1.2137	1.3988	.5617
	1.7334	1.8575	1.5753	1.7838	1.6098	1.7031	1.4792	3.3652
9	1.1613	1.4002	1.4092	1.3672	1.3298	1.4100	1.3805	.5869
	1.8575	1.5331	1.5103	1.5620	1.5705	1.4772	1.5103	3.1907
10	1.3596	1.4084	1.4460	1.3723	1.3138	1.3304	1.3969	.5848
	1.5753	1.5111	1.4822	1.5624	1.6180	1.6010	1.5136	3.2462
11	1.1756	1.3672	1.3725	1.3295	1.2892	1.2409	.8385	.3785
	1.7838	1.5621	1.5622	1.6324	1.7404	1.7743	2.3929	5.1467
12	1.2879	1.3328	1.3157	1.2895	1.2650	1.2691	.6327	
	1.6098	1.5673	1.6157	1.7396	1.7887	1.7836	3.2431	
13	1.2137	1.4135	1.3323	1.2419	1.2696	1.3814	.5583	
	1.7031	1.4738	1.5987	1.7728	1.7827	1.6612	3.7524	
14	1.3988	1.3833	1.3990	.8394	.6331	.5693		
	1.4792	1.5074	1.5114	2.3902	3.2414	3.6832		
15	.5617	.5874	.5854	.3789	F-SUB-Q			
	3.3652	3.1879	3.2430	5.1408	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1902	1.1050	1.2792	1.1176	1.2187	1.1474	1.3144	.5467
	1.6978	1.8155	1.5675	1.7682	1.6042	1.7023	1.4884	3.2797
9	1.1050	1.3117	1.3280	1.2817	1.2548	1.3238	1.2952	.5674
	1.8155	1.5357	1.5064	1.5673	1.5697	1.4861	1.5204	3.1299
10	1.2792	1.3274	1.3501	1.2965	1.2328	1.2528	1.3027	.5591
	1.5675	1.5071	1.4915	1.5528	1.6236	1.6009	1.5288	3.2146
11	1.1176	1.2816	1.2967	1.2461	1.2137	1.1721	.7990	.3597
	1.7682	1.5673	1.5526	1.6318	1.7125	1.7545	2.3525	5.1129
12	1.2187	1.2574	1.2345	1.2140	1.1853	1.1957	.6123	
	1.6042	1.5668	1.6214	1.7117	1.7708	1.7539	3.1272	
13	1.1474	1.3270	1.2545	1.1730	1.1962	1.2704	.5254	
	1.7023	1.4827	1.5988	1.7531	1.7531	1.6692	3.7037	
14	1.3144	1.2978	1.3045	.7998	.6127	.5351		
	1.4884	1.5176	1.5267	2.3500	3.1254	3.6393		
15	.5467	.5679	.5597	.3601	F-SUB-Q			
	3.2797	3.1272	3.2115	5.1073	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

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

	H	G	F	E	D	C	B	A
8	1.1786	.9537	1.0611	.9569	1.2041	.9708	1.2039	.4881
	1.6105	1.9942	1.7978	1.9585	1.5488	1.9244	1.5541	3.5315
9	.9537	1.1683	1.1193	1.1956	1.0395	1.1084	1.2126	.5093
	1.9942	1.6378	1.7008	1.5893	1.8123	1.6976	1.5491	3.3541
10	1.0611	1.1188	1.0823	1.0957	1.1077	1.0440	1.1305	.4864
	1.7978	1.7016	1.7722	1.7477	1.7357	1.8321	1.6830	3.5461
11	.9569	1.1958	1.0958	1.1030	1.0113	1.1511	.6964	.3087
	1.9585	1.5891	1.7475	1.7672	1.9353	1.6984	2.5732	5.7137
12	1.2041	1.0405	1.1086	1.0118	.9491	1.1349	.5545	
	1.5488	1.8107	1.7343	1.9344	2.1008	1.7592	3.2951	
13	.9708	1.1109	1.0454	1.1520	1.1355	1.0254	.4409	
	1.9244	1.6939	1.8297	1.6972	1.7583	1.9629	4.2004	
14	1.2039	1.2145	1.1320	.6971	.5549	.4491		
	1.5541	1.5467	1.6808	2.5705	3.2932	4.1273		
15	.4881	.5099	.4869	.3091	F-SUB-Q			
	3.5315	3.3511	3.5428	5.7076	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	.4930	.4225	.4240	.4233	.4990	.4171	.4391	.2146
	3.6748	4.3012	4.2924	4.2508	3.5879	4.3013	4.0816	7.7330
9	.4225	.4850	.4456	.4981	.4219	.4283	.4403	.2185
	4.3012	3.7531	4.0815	3.6370	4.2724	4.2091	4.0838	7.5253
10	.4240	.4454	.4182	.4423	.4798	.4160	.4044	.2043
	4.2924	4.0830	4.3741	4.1325	3.8105	4.4013	4.5036	8.1196
11	.4233	.4982	.4425	.4746	.4058	.4416	.2977	.1358
	4.2508	3.6361	4.1307	3.8948	4.5739	4.2223	5.7669	12.5095
12	.4990	.4222	.4801	.4059	.3737	.4140	.2367	
	3.5879	4.2692	3.8079	4.5720	5.0762	4.6093	7.3924	
13	.4171	.4292	.4164	.4419	.4142	.3598	.1819	
	4.3013	4.2008	4.3962	4.2192	4.6066	5.3440	9.7674	
14	.4391	.4409	.4049	.2980	.2369	.1848		
	4.0816	4.0778	4.4979	5.7617	7.3867	9.6222		
15	.2146	.2188	.2046	.1359	F-SUB-Q			
	7.7330	7.5185	8.1113	12.4956	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.6998	.7142	.7282	.7152	.8277	.7008	.7048	.3572
	3.6982	4.2722	4.1772	4.0228	3.4464	4.0501	4.0565	7.1772
9	.7142	.8287	.7577	.8356	.7096	.6948	.7046	.3598
	4.2722	3.8192	3.9870	3.5368	4.0544	4.1331	4.0890	7.0856
10	.7282	.7575	.7165	.7380	.7888	.6759	.6453	.3321
	4.1771	3.9878	4.2934	4.0765	3.7849	4.3936	4.5266	7.7226
11	.7152	.8356	.7381	.7789	.6577	.6931	.4744	.2333
	4.0228	3.5359	4.0755	4.0420	4.7707	4.4342	5.9365	11.3482
12	.8277	.7100	.7893	.6579	.5590	.6088	.3703	
	3.4464	4.0520	3.7826	4.7695	5.0525	4.6716	7.3001	
13	.7008	.6966	.6766	.6935	.6090	.5293	.2749	
	4.0501	4.1231	4.3891	4.4325	4.6712	5.2738	9.5110	
14	.7048	.7058	.6461	.4747	.3703	.2812		
	4.0565	4.0823	4.5216	5.9331	7.3015	9.3070		
15	.3572	.3601	.3324	.2334	F-SUB-Q			
	7.1772	7.0823	7.7176	11.3408	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8232	1.5975	1.7722	1.5834	1.8993	1.5862	1.8379	.8136
	1.7201	2.0496	1.8458	1.9386	1.6021	1.9073	1.6652	3.3570
9	1.5975	1.8970	1.8369	1.9037	1.7016	1.7218	1.8422	.8454
	2.0496	1.7923	1.7596	1.6680	1.8131	1.7851	1.6636	3.1991
10	1.7722	1.8364	1.7897	1.7799	1.7203	1.6482	1.7119	.7983
	1.8458	1.7601	1.8461	1.8212	1.8496	1.9231	1.8224	3.4095
11	1.5834	1.9038	1.7802	1.7084	1.5922	1.7333	1.1112	.5266
	1.9386	1.6677	1.8209	1.9564	2.0833	1.8898	2.7045	5.3314
12	1.8993	1.7027	1.7214	1.5927	1.4250	1.6415	.8790	
	1.6021	1.8119	1.8486	2.0828	2.1686	1.8928	3.2678	
13	1.5862	1.7258	1.6501	1.7342	1.6419	1.4554	.6927	
	1.9073	1.7811	1.9210	1.8891	1.8925	2.1100	4.0190	
14	1.8379	1.8452	1.7138	1.1117	.8790	.6967		
	1.6652	1.6612	1.8205	2.7032	3.2683	4.0000		
15	.8136	.8462	.7988	.5269	F-SUB-Q			
	3.3570	3.1965	3.4077	5.3281	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.8932	1.8664	2.1041	1.8425	1.8831	1.8519	1.9684	.9081
	1.8008	1.8662	1.6046	1.7571	1.6578	1.6828	1.5793	3.0606
9	1.8664	2.0841	2.1404	2.0027	2.0030	2.0386	1.9340	.9515
	1.8662	1.6284	1.5587	1.6548	1.5806	1.5492	1.6186	2.8919
10	2.1041	2.1398	2.1836	2.0736	1.8862	1.9440	1.9341	.9269
	1.6046	1.5590	1.5432	1.6090	1.7230	1.6811	1.6576	3.0170
11	1.8425	2.0028	2.0739	1.9276	1.8769	1.7467	1.2882	.6140
	1.7571	1.6547	1.6088	1.7608	1.8088	1.9472	2.4069	4.7146
12	1.8831	2.0061	1.8872	1.8776	1.8101	1.7457	.9909	
	1.6578	1.5784	1.7211	1.8086	1.8285	1.8785	2.9975	
13	1.8519	2.0440	1.9463	1.7478	1.7462	1.7903	.8288	
	1.6828	1.5455	1.6791	1.9465	1.8781	1.7871	3.4825	
14	1.9684	1.9375	1.9364	1.2887	.9910	.8431		
	1.5793	1.6161	1.6558	2.4058	2.9976	3.4252		
15	.9081	.9523	.9276	.6143	F-SUB-Q			
	3.0606	2.8898	3.0153	4.7116	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	2.0172	1.9667	2.2440	1.9393	2.0010	1.9587	2.1148	.9137
	1.7523	1.8357	1.5438	1.7102	1.5976	1.6273	1.4999	3.1025
9	1.9667	2.2368	2.2797	2.1502	2.1277	2.1811	2.0812	.9583
	1.8357	1.5511	1.4982	1.5777	1.5256	1.4800	1.5380	2.9320
10	2.2440	2.2791	2.3419	2.2052	2.0192	2.0777	2.0951	.9493
	1.5438	1.4986	1.4695	1.5489	1.6457	1.6106	1.5663	3.0181
11	1.9393	2.1503	2.2055	2.0720	1.9958	1.8707	1.3335	.6299
	1.7102	1.5776	1.5486	1.6796	1.7386	1.8730	2.3885	4.7180
12	2.0010	2.1315	2.0217	1.9962	1.9521	1.8791	1.0065	
	1.5976	1.5231	1.6438	1.7384	1.7503	1.8025	3.0436	
13	1.9587	2.1871	2.0803	1.8720	1.8798	1.9818	.8679	
	1.6273	1.4768	1.6086	1.8723	1.8020	1.6661	3.4323	
14	2.1148	2.0850	2.0976	1.3341	1.0067	.8854		
	1.4999	1.5357	1.5645	2.3873	3.0433	3.3672		
15	.9137	.9592	.9499	.6303	F-SUB-Q			
	3.1025	2.9298	3.0165	4.7148	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	2.0320	1.9589	2.2432	1.9341	2.0240	1.9585	2.1433	.9092
	1.7990	1.9015	1.5881	1.7612	1.6215	1.6709	1.5200	3.2082
9	1.9589	2.2568	2.2842	2.1718	2.1298	2.1885	2.1127	.9568
	1.9015	1.5792	1.5358	1.6061	1.5632	1.5085	1.5574	3.0215
10	2.2432	2.2835	2.3478	2.2096	2.0421	2.0890	2.1315	.9508
	1.5881	1.5362	1.5052	1.5893	1.6696	1.6419	1.5793	3.1025
11	1.9341	2.1718	2.2099	2.0941	2.0105	1.8967	1.3411	.6261
	1.7612	1.6061	1.5891	1.7113	1.7804	1.9023	2.4339	4.8673
12	2.0240	2.1338	2.0448	2.0109	1.9676	1.9148	1.0103	
	1.6215	1.5605	1.6675	1.7801	1.7928	1.8267	3.1364	
13	1.9585	2.1938	2.0917	1.8980	1.9155	2.0408	.8782	
	1.6709	1.5052	1.6397	1.9016	1.8264	1.6721	3.5116	
14	2.1433	2.1168	2.1342	1.3418	1.0105	.8972		
	1.5200	1.5550	1.5774	2.4324	3.1358	3.4408		
15	.9092	.9576	.9515	.6266	F-SUB-Q			
	3.2082	3.0193	3.1006	4.8636	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.9956	1.9117	2.1942	1.8926	1.9955	1.9199	2.1172	.8964
	1.8895	1.9950	1.6629	1.8442	1.6846	1.7437	1.5739	3.3363
9	1.9117	2.2178	2.2394	2.1371	2.0893	2.1560	2.0894	.9452
	1.9950	1.6463	1.6029	1.6711	1.6320	1.5646	1.6113	3.1354
10	2.1942	2.2387	2.3012	2.1677	2.0137	2.0547	2.1103	.9396
	1.6629	1.6034	1.5720	1.6582	1.7367	1.7104	1.6330	3.2144
11	1.8926	2.1372	2.1680	2.0631	1.9822	1.8757	1.3284	.6153
	1.8442	1.6710	1.6580	1.7801	1.8674	1.9849	2.5286	5.0938
12	1.9955	2.0933	2.0163	1.9826	1.9399	1.9006	1.0042	
	1.6846	1.6290	1.7345	1.8670	1.8840	1.9058	3.2773	
13	1.9199	2.1613	2.0574	1.8771	1.9014	2.0380	.8746	
	1.7437	1.5611	1.7082	1.9839	1.9056	1.7410	3.6753	
14	2.1172	2.0935	2.1130	1.3293	1.0046	.8938		
	1.5739	1.6087	1.6310	2.5268	3.2763	3.6001		
15	.8964	.9461	.9404	.6158	F-SUB-Q			
	3.3363	3.1330	3.2122	5.0896	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.9612 * 1.8655 * 2.1473 * 1.8512 * 1.9670 * 1.8816 * 2.0953 *  .8720 *
   * 1.9662 * 2.0867 * 1.7594 * 1.9536 * 1.7708 * 1.8415 * 1.6435 * 3.5445 *
   ************************************************************************
 9 * 1.8655 * 2.1820 * 2.1957 * 2.1061 * 2.0509 * 2.1244 * 2.0680 *  .9178 *
   * 2.0867 * 1.7312 * 1.6917 * 1.7555 * 1.7214 * 1.6415 * 1.6832 * 3.3378 *
   ************************************************************************
10 * 2.1473 * 2.1950 * 2.2576 * 2.1279 * 1.9887 * 2.0223 * 2.0903 *  .9139 *
   * 1.7594 * 1.6922 * 1.6573 * 1.7489 * 1.8227 * 1.8004 * 1.7068 * 3.4226 *
   ************************************************************************
11 * 1.8512 * 2.1062 * 2.1282 * 2.0355 * 1.9539 * 1.8576 * 1.2968 *  .5963 *
   * 1.9536 * 1.7555 * 1.7486 * 1.8696 * 1.9616 * 2.0612 * 2.6901 * 5.4558 *
   ************************************************************************
12 * 1.9670 * 2.0550 * 1.9915 * 1.9544 * 1.9131 * 1.8860 *  .9774 *
   * 1.7708 * 1.7181 * 1.8202 * 1.9612 * 1.9778 * 1.9886 * 3.4926 *
   ****************************************************************
13 * 1.8816 * 2.1297 * 2.0250 * 1.8590 * 1.8868 * 2.0322 *  .8563 *
   * 1.8415 * 1.6377 * 1.7979 * 2.0598 * 1.9884 * 1.8154 * 3.9072 *
   ****************************************************************
14 * 2.0953 * 2.0721 * 2.0931 * 1.2977 *  .9779 *  .8753 *
   * 1.6435 * 1.6803 * 1.7046 * 2.6879 * 3.4914 * 3.8263 *
   ******************************************************
15 *  .8720 *  .9187 *  .9147 *  .5968 * F-SUB-Q
   * 3.5445 * 3.3353 * 3.4201 * 5.4510 * M-SUB-Q
   *************************************
```

AT 30% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.9039 * 1.8036 * 2.0807 * 1.7942 * 1.9162 * 1.8272 * 2.0469 *  .8469 *
   * 2.1010 * 2.2413 * 1.9030 * 2.1138 * 1.9060 * 1.9870 * 1.7605 * 3.8197 *
   ************************************************************************
 9 * 1.8036 * 2.1208 * 2.1315 * 2.0500 * 1.9933 * 2.0713 * 2.0210 *  .8899 *
   * 2.2413 * 1.8660 * 1.8260 * 1.8902 * 1.8561 * 1.7619 * 1.8031 * 3.6034 *
   ************************************************************************
10 * 2.0807 * 2.1307 * 2.1920 * 2.0675 * 1.9396 * 1.9695 * 2.0438 *  .8868 *
   * 1.9030 * 1.8266 * 1.7878 * 1.8864 * 1.9590 * 1.9352 * 1.8279 * 3.6955 *
   ************************************************************************
11 * 1.7942 * 2.0500 * 2.0678 * 1.9833 * 1.9055 * 1.8157 * 1.2610 *  .5777 *
   * 2.1138 * 1.8901 * 1.8861 * 2.0121 * 2.0784 * 2.1829 * 2.8805 * 5.9069 *
   ************************************************************************
12 * 1.9162 * 1.9974 * 1.9423 * 1.9060 * 1.8660 * 1.8468 *  .9502 *
   * 1.9060 * 1.8525 * 1.9563 * 2.0779 * 2.1032 * 2.1160 * 3.7259 *
   ****************************************************************
13 * 1.8272 * 2.0766 * 1.9723 * 1.8171 * 1.8476 * 1.9972 *  .8352 *
   * 1.9870 * 1.7577 * 1.9324 * 2.1813 * 2.1151 * 1.9330 * 4.1934 *
   ****************************************************************
14 * 2.0469 * 2.0251 * 2.0467 * 1.2620 *  .9506 *  .8535 *
   * 1.7605 * 1.7998 * 1.8255 * 2.8783 * 3.7244 * 4.1074 *
   ******************************************************
15 *  .8469 *  .8908 *  .8876 *  .5782 * F-SUB-Q
   * 3.8197 * 3.6006 * 3.6926 * 5.9013 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.8491 * 1.7437 * 2.0163 * 1.7384 * 1.8671 * 1.7737 * 1.9995 *  .8182 *
   * 2.2899 * 2.4255 * 2.0678 * 2.2904 * 2.0415 * 2.1329 * 1.8761 * 4.0996 *
   ************************************************************************
 9 * 1.7437 * 2.0623 * 2.0688 * 1.9964 * 1.9368 * 2.0181 * 1.9740 *  .8574 *
   * 2.4255 * 2.0237 * 1.9810 * 2.0412 * 1.9939 * 1.8841 * 1.9224 * 3.8781 *
   ************************************************************************
10 * 2.0163 * 2.0680 * 2.1284 * 2.0086 * 1.8921 * 1.9173 * 1.9972 *  .8560 *
   * 2.0678 * 1.9816 * 1.9394 * 2.0417 * 2.0978 * 2.0716 * 1.9489 * 3.9695 *
   ************************************************************************
11 * 1.7384 * 1.9964 * 2.0088 * 1.9330 * 1.8565 * 1.7743 * 1.2205 *  .5565 *
   * 2.2904 * 2.0412 * 2.0414 * 2.1716 * 2.2417 * 2.3469 * 3.1152 * 6.3548 *
   ************************************************************************
12 * 1.8671 * 1.9408 * 1.8948 * 1.8570 * 1.8186 * 1.8067 *  .9182 *
   * 2.0415 * 1.9900 * 2.0949 * 2.2413 * 2.2725 * 2.2670 * 4.0449 *
   ****************************************************************
13 * 1.7737 * 2.0233 * 1.9200 * 1.7758 * 1.8075 * 1.9591 *  .8097 *
   * 2.1329 * 1.8796 * 2.0686 * 2.3453 * 2.2668 * 2.0656 * 4.5311 *
   ****************************************************************
14 * 1.9995 * 1.9780 * 2.0000 * 1.2216 *  .9187 *  .8275 *
   * 1.8761 * 1.9189 * 1.9463 * 3.1125 * 4.0431 * 4.4377 *
   ********************************************************
15 *  .8182 *  .8582 *  .8568 *  .5571 * F-SUB-Q
   * 4.0996 * 3.8751 * 3.9663 * 6.3485 * M-SUB-Q
   ************************************
```

AT 30% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7537 * 1.6593 * 1.9195 * 1.6575 * 1.7798 * 1.6937 * 1.9056 *  .7941 *
   * 2.5508 * 2.6952 * 2.2797 * 2.5232 * 2.2380 * 2.3328 * 2.0562 * 4.4046 *
   ************************************************************************
 9 * 1.6593 * 1.9607 * 1.9723 * 1.8998 * 1.8482 * 1.9295 * 1.8837 *  .8364 *
   * 2.6952 * 2.2319 * 2.1800 * 2.2501 * 2.1833 * 2.0575 * 2.1027 * 4.1431 *
   ************************************************************************
10 * 1.9195 * 1.9715 * 2.0285 * 1.9162 * 1.8034 * 1.8321 * 1.9066 *  .8340 *
   * 2.2797 * 2.1807 * 2.1333 * 2.2458 * 2.2979 * 2.2571 * 2.1246 * 4.2281 *
   ************************************************************************
11 * 1.6575 * 1.8998 * 1.9165 * 1.8409 * 1.7759 * 1.6922 * 1.1858 *  .5400 *
   * 2.5232 * 2.2501 * 2.2455 * 2.3935 * 2.4971 * 2.5945 * 3.3467 * 6.7673 *
   ************************************************************************
12 * 1.7798 * 1.8521 * 1.8060 * 1.7763 * 1.7401 * 1.7270 *  .8979 *
   * 2.2380 * 2.1790 * 2.2947 * 2.4966 * 2.5326 * 2.5231 * 4.4021 *
   ****************************************************************
13 * 1.6937 * 1.9345 * 1.8348 * 1.6936 * 1.7278 * 1.8746 *  .7893 *
   * 2.3328 * 2.0527 * 2.2538 * 2.5925 * 2.5229 * 2.2979 * 4.9456 *
   ****************************************************************
14 * 1.9056 * 1.8876 * 1.9093 * 1.1869 *  .8984 *  .8073 *
   * 2.0562 * 2.0987 * 2.1218 * 3.3434 * 4.4001 * 4.8404 *
   ********************************************************
15 *  .7941 *  .8372 *  .8349 *  .5406 * F-SUB-Q
   * 4.4046 * 4.1398 * 4.2244 * 6.7604 * M-SUB-Q
   ************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.7109 * 1.6061 * 1.8643 * 1.6080 * 1.7394 * 1.6459 * 1.8700 *  .7599 *
   * 2.8026 * 2.9877 * 2.4399 * 2.6947 * 2.3683 * 2.4800 * 2.1577 * 4.7224 *
   ************************************************************************
 9 * 1.6061 * 1.9148 * 1.9186 * 1.8579 * 1.7995 * 1.8842 * 1.8471 *  .7965 *
   * 2.9877 * 2.3801 * 2.3290 * 2.3889 * 2.3186 * 2.1735 * 2.2109 * 4.4659 *
   ************************************************************************
10 * 1.8643 * 1.9178 * 1.9746 * 1.8653 * 1.7663 * 1.7870 * 1.8701 *  .7950 *
   * 2.4399 * 2.3298 * 2.2776 * 2.3941 * 2.4282 * 2.3929 * 2.2394 * 4.5718 *
   ************************************************************************
11 * 1.6080 * 1.8579 * 1.8656 * 1.8015 * 1.7331 * 1.6605 * 1.1365 *  .5153 *
   * 2.6947 * 2.3888 * 2.3937 * 2.5381 * 2.7222 * 2.8214 * 3.6237 * 7.3379 *
   ************************************************************************
12 * 1.7394 * 1.8033 * 1.7689 * 1.7335 * 1.6985 * 1.6947 *  .8552 *
   * 2.3683 * 2.3139 * 2.4248 * 2.7216 * 2.7691 * 2.7547 * 4.9221 *
   ****************************************************************
13 * 1.6459 * 1.8892 * 1.7896 * 1.6619 * 1.6955 * 1.8450 *  .7565 *
   * 2.4800 * 2.1684 * 2.3894 * 2.8194 * 2.7535 * 2.5109 * 5.5417 *
   ****************************************************************
14 * 1.8700 * 1.8510 * 1.8728 * 1.1376 *  .8556 *  .7728 *
   * 2.1577 * 2.2066 * 2.2363 * 3.6200 * 4.9198 * 5.4293 *
   ********************************************************
15 *  .7599 *  .7973 *  .7959 *  .5158 * F-SUB-Q
   * 4.7224 * 4.4623 * 4.5679 * 7.3303 * M-SUB-Q
   *************************************
```

AT 30% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

```
      H        G        F        E        D        C        B        A
   ************************************************************************
 8 * 1.6422 * 1.5377 * 1.7880 * 1.5428 * 1.6750 * 1.5816 * 1.8035 *  .7308 *
   * 2.8716 * 3.0642 * 2.6523 * 2.9330 * 2.5598 * 2.6841 * 2.3228 * 5.0838 *
   ************************************************************************
 9 * 1.5377 * 1.8401 * 1.8431 * 1.7874 * 1.7301 * 1.8158 * 1.7819 *  .7659 *
   * 3.0642 * 2.5815 * 2.5339 * 2.5939 * 2.5095 * 2.3433 * 2.3798 * 4.8089 *
   ************************************************************************
10 * 1.7880 * 1.8422 * 1.8967 * 1.7926 * 1.7018 * 1.7203 * 1.8045 *  .7645 *
   * 2.6523 * 2.5349 * 2.4765 * 2.6014 * 2.6214 * 2.5803 * 2.4081 * 4.9208 *
   ************************************************************************
11 * 1.5428 * 1.7874 * 1.7928 * 1.7343 * 1.6698 * 1.6019 * 1.0940 *  .4952 *
   * 2.9330 * 2.5938 * 2.6010 * 2.7472 * 2.8863 * 2.9763 * 3.9083 * 7.8952 *
   ************************************************************************
12 * 1.6750 * 1.7339 * 1.7043 * 1.6702 * 1.6366 * 1.6365 *  .8237 *
   * 2.5598 * 2.5044 * 2.6177 * 2.8856 * 2.9579 * 2.9458 * 5.2914 *
   ****************************************************************
13 * 1.5816 * 1.8206 * 1.7229 * 1.6033 * 1.6374 * 1.7850 *  .7293 *
   * 2.6841 * 2.3378 * 2.5765 * 2.9739 * 2.9444 * 2.7261 * 6.0288 *
   ****************************************************************
14 * 1.8035 * 1.7857 * 1.8072 * 1.0951 *  .8242 *  .7449 *
   * 2.3228 * 2.3751 * 2.4048 * 3.9042 * 5.2886 * 5.9085 *
   ********************************************************
15 *  .7308 *  .7667 *  .7653 *  .4957 * F-SUB-Q
   * 5.0838 * 4.8050 * 4.9164 * 7.8869 * M-SUB-Q
   *************************************
```

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5531	1.4588	1.6965	1.4657	1.5916	1.5046	1.7140	.7044
	2.9149	3.1020	2.6143	2.8806	2.5569	2.6915	2.3627	5.1504
9	1.4588	1.7444	1.7512	1.6962	1.6453	1.7298	1.6950	.7404
	3.1020	2.5495	2.4941	2.5688	2.5162	2.3773	2.4233	4.8628
10	1.6965	1.7504	1.8021	1.7046	1.6171	1.6383	1.7172	.7390
	2.6143	2.4951	2.4500	2.5832	2.6562	2.6397	2.4857	5.0227
11	1.4657	1.6961	1.7049	1.6467	1.5911	1.5229	1.0554	.4766
	2.8806	2.5688	2.5828	2.7501	2.9160	3.0121	3.9840	8.2008
12	1.5916	1.6489	1.6195	1.5915	1.5602	1.5587	.7987	
	2.5569	2.5114	2.6522	2.9152	2.9890	2.9807	5.2599	
13	1.5046	1.7343	1.6407	1.5242	1.5595	1.7021	.7056	
	2.6915	2.3718	2.6356	3.0096	2.9792	2.7561	6.0130	
14	1.7140	1.6986	1.7198	1.0565	.7992	.7212		
	2.3627	2.4193	2.4820	3.9797	5.2568	5.8885		
15	.7044	.7411	.7398	.4771	F-SUB-Q			
	5.1504	4.8586	5.0176	8.1909	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5056	1.4032	1.6381	1.4136	1.5453	1.4531	1.6714	.6703
	2.8338	3.0279	2.4883	2.7476	2.4283	2.5693	2.2341	4.9959
9	1.4032	1.6935	1.6937	1.6485	1.5923	1.6792	1.6522	.7014
	3.0279	2.4128	2.3702	2.4314	2.3964	2.2573	2.2934	4.7395
10	1.6381	1.6929	1.7439	1.6492	1.5739	1.5881	1.6739	.7008
	2.4883	2.3711	2.3260	2.4556	2.5154	2.5074	2.3506	4.8884
11	1.4136	1.6485	1.6494	1.6014	1.5435	1.4848	1.0061	.4520
	2.7476	2.4314	2.4552	2.6014	2.8090	2.8843	3.8568	7.9748
12	1.5453	1.5959	1.5763	1.5439	1.5135	1.5199	.7563	
	2.4283	2.3915	2.5116	2.8084	2.8808	2.8423	5.1068	
13	1.4531	1.6837	1.5905	1.4861	1.5207	1.6646	.6727	
	2.5693	2.2520	2.5035	2.8821	2.8410	2.6160	5.7759	
14	1.6714	1.6557	1.6765	1.0073	.7567	.6867		
	2.2341	2.2896	2.3470	3.8520	5.1041	5.6639		
15	.6703	.7021	.7017	.4526	F-SUB-Q			
	4.9959	4.7353	4.8832	7.9648	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4435	1.3411	1.5684	1.3535	1.4854	1.3930	1.6108	.6412
	2.5831	2.7734	2.3721	2.6188	2.3115	2.4536	2.1234	4.7486
9	1.3411	1.6258	1.6241	1.5844	1.5280	1.6152	1.5922	.6687
	2.7734	2.2916	2.2570	2.3099	2.2848	2.1506	2.1801	4.5187
10	1.5684	1.6233	1.6731	1.5823	1.5145	1.5261	1.6136	.6692
	2.3721	2.2579	2.2146	2.3378	2.3863	2.3854	2.2288	4.6407
11	1.3535	1.5844	1.5825	1.5398	1.4842	1.4306	.9628	.4312
	2.6188	2.3099	2.3374	2.4428	2.5598	2.6222	3.5516	7.5164
12	1.4854	1.5315	1.5169	1.4845	1.4558	1.4669	.7227	
	2.3115	2.2802	2.3828	2.5592	2.6267	2.5871	4.6923	
13	1.3930	1.6196	1.5284	1.4319	1.4671	1.6093	.6445	
	2.4536	2.1456	2.3819	2.6202	2.5859	2.3777	5.3027	
14	1.6108	1.5956	1.6162	.9640	.7231	.6577		
	2.1234	2.1765	2.2257	3.5477	4.6896	5.2010		
15	.6412	.6693	.6700	.4318	F-SUB-Q			
	4.7486	4.5150	4.6361	7.5074	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3783	1.2793	1.4980	1.2932	1.4224	1.3322	1.5435	.6146
	2.3768	2.5487	2.1442	2.3679	2.0900	2.2243	1.9200	4.2949
9	1.2793	1.5548	1.5532	1.5162	1.4619	1.5480	1.5264	.6431
	2.5487	2.0648	2.0373	2.0815	2.0671	1.9449	1.9694	4.0735
10	1.4980	1.5524	1.5997	1.5134	1.4507	1.4613	1.5471	.6427
	2.1442	2.0381	1.9981	2.1063	2.1496	2.1472	2.0049	4.1833
11	1.2932	1.5162	1.5136	1.4743	1.4221	1.3712	.9246	.4132
	2.3679	2.0815	2.1059	2.2141	2.3615	2.4115	3.2497	6.7797
12	1.4224	1.4653	1.4530	1.4225	1.3950	1.4082	.6950	
	2.0900	2.0629	2.1465	2.3609	2.4254	2.3865	4.3254	
13	1.3322	1.5521	1.4636	1.3724	1.4083	1.5450	.6195	
	2.2243	1.9405	2.1440	2.4096	2.3854	2.1861	4.8827	
14	1.5435	1.5297	1.5495	.9258	.6954	.6322		
	1.9200	1.9664	2.0020	3.2460	4.3230	4.7900		
15	.6146	.6438	.6435	.4137	F-SUB-Q			
	4.2949	4.0699	4.1789	6.7716	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3070	1.2166	1.4237	1.2305	1.3532	1.2684	1.4671	.5928
	2.3690	2.5379	2.1216	2.3431	2.0734	2.2043	1.9070	4.2186
9	1.2166	1.4758	1.4776	1.4402	1.3912	1.4746	1.4518	.6219
	2.5379	2.0448	2.0127	2.0619	2.0480	1.9247	1.9543	3.9891
10	1.4237	1.4768	1.5214	1.4402	1.3789	1.3916	1.4718	.6214
	2.1216	2.0135	1.9743	2.0810	2.1302	2.1209	1.9834	4.0895
11	1.2305	1.4402	1.4404	1.4005	1.3546	1.3034	.8916	.3984
	2.3431	2.0619	2.0807	2.1903	2.3489	2.4035	3.1775	6.6305
12	1.3532	1.3944	1.3810	1.3549	1.3291	1.3407	.6736	
	2.0734	2.0437	2.1271	2.3484	2.4142	2.3812	4.2360	
13	1.2684	1.4785	1.3937	1.3046	1.3408	1.4709	.5984	
	2.2043	1.9203	2.1177	2.4015	2.3800	2.1895	4.8275	
14	1.4671	1.4549	1.4742	.8927	.6741	.6111		
	1.9070	1.9509	1.9806	3.1736	4.2335	4.7322		
15	.5928	.6226	.6222	.3989	F-SUB-Q			
	4.2186	3.9857	4.0854	6.6225	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2741	1.1755	1.3808	1.1913	1.3183	1.2284	1.4342	.5640
	2.1352	2.2890	1.9243	2.1329	1.8811	2.0116	1.7249	3.9326
9	1.1755	1.4392	1.4349	1.4053	1.3505	1.4347	1.4182	.5884
	2.2890	1.8435	1.8228	1.8604	1.8623	1.7468	1.7673	3.7394
10	1.3808	1.4342	1.4776	1.3979	1.3458	1.3519	1.4374	.5891
	1.9243	1.8237	1.7867	1.8853	1.9233	1.9215	1.7885	3.8167
11	1.1913	1.4052	1.3981	1.3666	1.3160	1.2734	.8497	.3778
	2.1329	1.8604	1.8850	1.9718	2.1315	2.1542	2.9242	6.1621
12	1.3183	1.3536	1.3479	1.3163	1.2906	1.3095	.6365	
	1.8811	1.8584	1.9204	2.1304	2.1922	2.1576	3.9670	
13	1.2284	1.4385	1.3540	1.2746	1.3097	1.4378	.5689	
	2.0116	1.7428	1.9186	2.1524	2.1565	1.9727	4.4861	
14	1.4342	1.4213	1.4397	.8507	.6370	.5803		
	1.7249	1.7639	1.7860	2.9205	3.9647	4.4024		
15	.5640	.5890	.5898	.3783	F-SUB-Q			
	3.9326	3.7361	3.8128	6.1546	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2253	1.1298	1.3286	1.1453	1.2682	1.1811	1.3803	.5413
	1.9564	2.1231	1.7810	1.9805	1.7517	1.8740	1.6064	3.6856
9	1.1298	1.3851	1.3812	1.3528	1.2991	1.3812	1.3649	.5648
	2.1231	1.7028	1.6855	1.7226	1.7318	1.6234	1.6436	3.5028
10	1.3286	1.3805	1.4222	1.3453	1.2953	1.3011	1.3831	.5654
	1.7810	1.6864	1.6519	1.7443	1.7823	1.7797	1.6574	3.5649
11	1.1453	1.3528	1.3455	1.3151	1.2654	1.2250	.8158	.3624
	1.9805	1.7227	1.7440	1.8190	1.9563	1.9920	2.6949	5.7298
12	1.2682	1.3021	1.2974	1.2657	1.2410	1.2581	.6106	
	1.7517	1.7281	1.7797	1.9558	2.0027	1.9746	3.6498	
13	1.1811	1.3849	1.3031	1.2261	1.2583	1.3812	.5453	
	1.8740	1.6196	1.7770	1.9904	1.9736	1.8123	4.1372	
14	1.3803	1.3678	1.3852	.8168	.6109	.5561		
	1.6064	1.6405	1.6551	2.6917	3.6477	4.0604		
15	.5413	.5654	.5660	.3628	F-SUB-Q			
	3.6856	3.4997	3.5612	5.7229	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1578	1.0780	1.2651	1.0914	1.1993	1.1253	1.3014	.5240
	1.8801	1.9785	1.6788	1.8821	1.6829	1.7880	1.5487	3.4736
9	1.0780	1.3101	1.3144	1.2791	1.2354	1.3118	1.2881	.5507
	1.9785	1.6210	1.5979	1.6460	1.6525	1.5512	1.5806	3.2764
10	1.2651	1.3137	1.3519	1.2801	1.2241	1.2367	1.3045	.5500
	1.6788	1.5987	1.5668	1.6537	1.7046	1.6910	1.5878	3.3321
11	1.0914	1.2791	1.2802	1.2429	1.2012	1.1553	.7890	.3518
	1.8821	1.6461	1.6535	1.7297	1.8633	1.8890	2.4981	5.3369
12	1.1993	1.2382	1.2260	1.2016	1.1780	1.1835	.5947	
	1.6829	1.6490	1.7021	1.8624	1.9028	1.8896	3.3935	
13	1.1253	1.3152	1.2386	1.1564	1.1841	1.2957	.5265	
	1.7880	1.5477	1.6886	1.8874	1.8887	1.7330	3.8603	
14	1.3014	1.2909	1.3066	.7899	.5951	.5375		
	1.5487	1.5776	1.5855	2.4953	3.3915	3.7848		
15	.5240	.5512	.5506	.3522	F-SUB-Q			
	3.4736	3.2736	3.3289	5.3307	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1223	1.0442	1.2259	1.0569	1.1567	1.0885	1.2559	.5002
	1.7334	1.8575	1.5753	1.7838	1.6098	1.7031	1.4792	3.3652
9	1.0442	1.2649	1.2720	1.2352	1.1956	1.2674	1.2408	.5228
	1.8575	1.5331	1.5103	1.5620	1.5705	1.4772	1.5103	3.1907
10	1.2259	1.2713	1.3070	1.2394	1.1820	1.1966	1.2546	.5206
	1.5753	1.5111	1.4822	1.5624	1.6180	1.6010	1.5136	3.2462
11	1.0569	1.2351	1.2396	1.2001	1.1604	1.1156	.7498	.3347
	1.7838	1.5621	1.5622	1.6324	1.7404	1.7743	2.3929	5.1467
12	1.1567	1.1983	1.1838	1.1607	1.1374	1.1397	.5632	
	1.6098	1.5673	1.6157	1.7396	1.7887	1.7836	3.2431	
13	1.0885	1.2707	1.1984	1.1166	1.1402	1.2375	.4962	
	1.7031	1.4738	1.5987	1.7728	1.7827	1.6612	3.7524	
14	1.2559	1.2434	1.2565	.7506	.5635	.5061		
	1.4792	1.5074	1.5114	2.3902	3.2414	3.6832		
15	.5002	.5234	.5212	.3351	F-SUB-Q			
	3.3652	3.1879	3.2430	5.1408	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0579	.9833	1.1411	.9942	1.0829	1.0180	1.1672	.4818
	1.6978	1.8155	1.5675	1.7682	1.6042	1.7023	1.4884	3.2797
9	.9833	1.1722	1.1858	1.1453	1.1159	1.1768	1.1514	.5002
	1.8155	1.5357	1.5064	1.5673	1.5697	1.4861	1.5204	3.1299
10	1.1411	1.1852	1.2070	1.1580	1.0972	1.1145	1.1569	.4925
	1.5675	1.5071	1.4915	1.5528	1.6236	1.6009	1.5288	3.2146
11	.9942	1.1453	1.1582	1.1126	1.0805	1.0422	.7069	.3149
	1.7682	1.5673	1.5526	1.6318	1.7125	1.7545	2.3525	5.1129
12	1.0829	1.1183	1.0987	1.0808	1.0539	1.0616	.5393	
	1.6042	1.5668	1.6214	1.7117	1.7708	1.7539	3.1272	
13	1.0180	1.1798	1.1161	1.0431	1.0622	1.1251	.4621	
	1.7023	1.4827	1.5988	1.7531	1.7531	1.6692	3.7037	
14	1.1672	1.1537	1.1586	.7077	.5397	.4706		
	1.4884	1.5176	1.5267	2.3500	3.1254	3.6393		
15	.4818	.5007	.4931	.3153	F-SUB-Q			
	3.2797	3.1272	3.2115	5.1073	M-SUB-Q			

TABLE A-4 (CONTINUED)

F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION

AT 30% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0362	.8387	.9359	.8408	1.0581	.8525	1.0573	.4259
	1.6105	1.9942	1.7978	1.9585	1.5488	1.9244	1.5541	3.5315
9	.8387	1.0319	.9878	1.0553	.9144	.9741	1.0653	.4443
	1.9942	1.6378	1.7008	1.5893	1.8123	1.6976	1.5491	3.3541
10	.9359	.9873	.9562	.9672	.9759	.9180	.9921	.4241
	1.7978	1.7016	1.7722	1.7477	1.7357	1.8321	1.6830	3.5461
11	.8408	1.0554	.9674	.9727	.8904	1.0109	.6095	.2676
	1.9585	1.5891	1.7475	1.7672	1.9353	1.6984	2.5732	5.7137
12	1.0581	.9153	.9766	.8908	.8339	.9955	.4834	
	1.5488	1.8107	1.7343	1.9344	2.1008	1.7592	3.2951	
13	.8525	.9763	.9192	1.0117	.9961	.8977	.3836	
	1.9244	1.6939	1.8297	1.6972	1.7583	1.9629	4.2004	
14	1.0573	1.0670	.9935	.6101	.4837	.3907		
	1.5541	1.5467	1.6808	2.5705	3.2932	4.1273		
15	.4259	.4448	.4245	.2679	F-SUB-Q			
	3.5315	3.3511	3.5428	5.7076	M-SUB-Q			

AT 30% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	.4261	.3655	.3675	.3661	.4310	.3603	.3786	.1843
	3.6748	4.3012	4.2924	4.2508	3.5879	4.3013	4.0816	7.7330
9	.3655	.4205	.3863	.4313	.3650	.3698	.3796	.1877
	4.3012	3.7531	4.0815	3.6370	4.2724	4.2091	4.0838	7.5253
10	.3675	.3862	.3628	.3833	.4152	.3595	.3485	.1753
	4.2924	4.0830	4.3741	4.1325	3.8105	4.4013	4.5036	8.1196
11	.3661	.4315	.3835	.4111	.3516	.3809	.2563	.1160
	4.2508	3.6361	4.1307	3.8948	4.5739	4.2223	5.7669	12.5095
12	.4310	.3653	.4155	.3517	.3226	.3565	.2031	
	3.5879	4.2692	3.8079	4.5720	5.0762	4.6093	7.3924	
13	.3603	.3705	.3599	.3812	.3567	.3097	.1558	
	4.3013	4.2008	4.3962	4.2192	4.6066	5.3440	9.7674	
14	.3786	.3802	.3490	.2565	.2033	.1583		
	4.0816	4.0778	4.4979	5.7617	7.3867	9.6222		
15	.1843	.1879	.1756	.1161	F-SUB-Q			
	7.7330	7.5185	8.1113	12.4956	M-SUB-Q			

TABLE A-5

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.8542	3.5208	3.6999	3.7329	3.0314	3.8072	3.4847	6.4198
9*	3.5208	2.9431	3.5895	2.9898	3.7804	3.8947	3.4829	6.2721
10*	3.6999	3.5910	3.8297	3.6439	3.0636	3.9107	3.7291	6.7182
11*	3.7329	2.9896	3.6434	3.0754	3.9090	3.3215	4.7897	9.1974
12*	3.0314	3.7795	3.0627	3.9083	4.1620	3.5035	5.6808	
13*	3.8072	3.8870	3.9080	3.3208	3.5035	3.9507	7.3570	
14*	3.4847	3.4785	3.7267	4.7887	5.6828	7.2020		
15 *	6.4198	6.2695	6.7162	9.1949				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.3795	1.7591	1.7049	1.8617	1.4526	1.8603	1.4751	3.0661
9*	1.7591	1.4195	1.6632	1.4532	1.7570	1.7541	1.4700	2.9035
10*	1.7049	1.6636	1.7241	1.7054	1.5385	1.7918	1.5536	3.0403
11*	1.8617	1.4532	1.7053	1.5353	1.7996	1.4745	2.2515	4.3952
12*	1.4526	1.7563	1.5381	1.7993	1.8762	1.4793	2.6252	
13*	1.8603	1.7512	1.7907	1.4742	1.4792	1.6497	3.2063	
14*	1.4751	1.4685	1.5528	2.2513	2.6260	3.1923		
15 *	3.0661	2.9019	3.0398	4.3942				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.4441	1.6079	1.4919	1.6704	1.5047	1.6514	1.4099	2.8255
9*	1.6079	1.3747	1.4810	1.4408	1.5438	1.5274	1.4388	2.6612
10*	1.4919	1.4813	1.4654	1.5188	1.4741	1.5739	1.4175	2.6977
11*	1.6704	1.4409	1.5187	1.4547	1.5720	1.5209	2.0093	3.8970
12*	1.5047	1.5422	1.4731	1.5719	1.5893	1.4659	2.4140	
13*	1.6514	1.5245	1.5728	1.5205	1.4657	1.3962	2.7874	
14*	1.4099	1.4370	1.4166	2.0092	2.4144	2.7413		
15 *	2.8255	2.6597	2.6971	3.8960				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.3914	1.5777	1.4234	1.6133	1.4382	1.5823	1.3283	2.8563
9*	1.5777	1.3091	1.4126	1.3642	1.4747	1.4455	1.3534	2.6885
10*	1.4234	1.4129	1.3880	1.4494	1.3958	1.4928	1.3244	2.6820
11*	1.6133	1.3642	1.4494	1.3785	1.4947	1.4462	1.9764	3.8805
12*	1.4382	1.4728	1.3947	1.4945	1.5038	1.3894	2.4296	
13*	1.5823	1.4425	1.4916	1.4458	1.3892	1.2827	2.7211	
14*	1.3283	1.3516	1.3235	1.9761	2.4297	2.6704		
15 *	2.8563	2.6869	2.6815	3.8792				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.4057	1.6081	1.4413	1.6389	1.4386	1.5986	1.3235	2.9166
9*	1.6081	1.3148	1.4253	1.3673	1.4881	1.4506	1.3457	2.7365
10*	1.4413	1.4256	1.3994	1.4621	1.3965	1.4988	1.3139	2.7219
11*	1.6389	1.3674	1.4620	1.3817	1.5018	1.4418	1.9942	3.9805
12*	1.4386	1.4860	1.3953	1.5016	1.5101	1.3766	2.4666	
13*	1.5986	1.4480	1.4976	1.4414	1.3766	1.2594	2.7394	
14*	1.3235	1.3439	1.3129	1.9937	2.4664	2.6854		
15 *	2.9166	2.7350	2.7212	3.9789				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.4568	1.6726	1.4937	1.7001	1.4790	1.6510	1.3555	3.0105
9*	1.6726	1.3574	1.4722	1.4085	1.5353	1.4873	1.3760	2.8193
10*	1.4937	1.4726	1.4448	1.5086	1.4350	1.5408	1.3415	2.8038
11*	1.7001	1.4085	1.5085	1.4224	1.5434	1.4762	2.0463	4.1351
12*	1.4790	1.5330	1.4337	1.5432	1.5509	1.3996	2.5315	
13*	1.6510	1.4845	1.5394	1.4757	1.3995	1.2768	2.8066	
14*	1.3555	1.3741	1.3404	2.0456	2.5310	2.7505		
15 *	3.0105	2.8176	2.8027	4.1331				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5155	1.7516	1.5540	1.7712	1.5274	1.7124	1.3913	3.1568
9*	1.7516	1.4053	1.5269	1.4547	1.5893	1.5309	1.4117	2.9622
10*	1.5540	1.5273	1.4969	1.5625	1.4782	1.5901	1.3751	2.9428
11*	1.7712	1.4548	1.5624	1.4681	1.5936	1.5171	2.1387	4.3672
12*	1.5274	1.5868	1.4768	1.5934	1.6006	1.4327	2.6635	
13*	1.7125	1.5279	1.5885	1.5166	1.4326	1.3039	2.9369	
14*	1.3913	1.4096	1.3738	2.1377	2.6629	2.8774		
15 *	3.1568	2.9604	2.9415	4.3647				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.6077	1.8579	1.6407	1.8680	1.5991	1.7964	1.4493	3.3165
9*	1.8579	1.4793	1.6069	1.5275	1.6666	1.5971	1.4704	3.1171
10*	1.6408	1.6074	1.5746	1.6424	1.5472	1.6650	1.4330	3.0970
11*	1.8680	1.5276	1.6423	1.5418	1.6762	1.5913	2.2532	4.6181
12*	1.5991	1.6639	1.5456	1.6760	1.6847	1.4995	2.8234	
13*	1.7964	1.5938	1.6633	1.5907	1.4994	1.3617	3.1065	
14*	1.4493	1.4681	1.4316	2.2520	2.8225	3.0439		
15 *	3.3165	3.1151	3.0954	4.6153				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7126	1.9748	1.7365	1.9738	1.6778	1.8895	1.5137	3.5021
9*	1.9748	1.5597	1.6956	1.6074	1.7529	1.6724	1.5368	3.3013
10*	1.7365	1.6962	1.6607	1.7314	1.6242	1.7494	1.4986	3.2796
11*	1.9738	1.6075	1.7313	1.6218	1.7702	1.6736	2.3892	4.9174
12*	1.6778	1.7499	1.6225	1.7699	1.7850	1.5802	3.0102	
13*	1.8895	1.6690	1.7475	1.6729	1.5801	1.4323	3.3114	
14*	1.5137	1.5344	1.4971	2.3878	3.0092	3.2442		
15 *	3.5021	3.2991	3.2779	4.9141				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.8588	2.1300	1.8674	2.1206	1.8002	2.0214	1.6201	3.6772
9*	2.1300	1.6791	1.8191	1.7271	1.8768	1.7840	1.6430	3.4505
10*	1.8674	1.8198	1.7814	1.8556	1.7406	1.8696	1.6012	3.4434
11*	2.1206	1.7272	1.8555	1.7433	1.9042	1.8036	2.5189	5.1910
12*	1.8002	1.8736	1.7388	1.9039	1.9234	1.7076	3.1714	
13*	2.0214	1.7802	1.8676	1.8027	1.7074	1.5475	3.5131	
14*	1.6201	1.6403	1.5995	2.5172	3.1702	3.4394		
15 *	3.6772	3.4482	3.4414	5.1874				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9460	2.2544	1.9678	2.2329	1.8785	2.1187	1.6799	3.9167
9*	2.2544	1.7593	1.9117	1.8061	1.9644	1.8590	1.7052	3.6929
10*	1.9678	1.9123	1.8717	1.9500	1.8153	1.9580	1.6654	3.6771
11*	2.2329	1.8062	1.9498	1.8255	2.0062	1.8901	2.6949	5.5256
12*	1.8785	1.9610	1.8133	2.0059	2.0268	1.7865	3.4318	
13*	2.1187	1.8551	1.9559	1.8893	1.7863	1.6161	3.7780	
14*	1.6799	1.7024	1.6637	2.6930	3.4306	3.7023		
15 *	3.9167	3.6904	3.6748	5.5220				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.0416	2.3695	2.0778	2.3487	1.9763	2.2467	1.7755	4.0974
9*	2.3695	1.8514	2.0210	1.9041	2.0821	1.9662	1.8019	3.8647
10*	2.0778	2.0218	1.9832	2.0653	1.9193	2.0756	1.7598	3.8601
11*	2.3487	1.9042	2.0652	1.9234	2.1276	1.9998	2.8387	5.7796
12*	1.9763	2.0788	1.9174	2.1272	2.1518	1.8965	3.5942	
13*	2.2467	1.9621	2.0734	1.9987	1.8963	1.7153	4.0088	
14*	1.7755	1.7990	1.7580	2.8368	3.5930	3.9307		
15 *	4.0974	3.8621	3.8580	5.7757				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.0473	2.3670	2.0703	2.3394	1.9795	2.2420	1.7932	4.1502
9*	2.3670	1.8526	2.0101	1.9054	2.0809	1.9832	1.8265	3.9059
10*	2.0703	2.0109	1.9737	2.0634	1.9363	2.0980	1.7992	3.9267
11*	2.3394	1.9055	2.0632	1.9394	2.1846	2.0466	2.8819	5.9505
12*	1.9795	2.0772	1.9341	2.1842	2.2260	2.0001	3.7098	
13*	2.2420	1.9791	2.0956	2.0452	1.9999	1.8214	4.1660	
14*	1.7932	1.8235	1.7972	2.8795	3.7082	4.0817		
15 *	4.1502	3.9030	3.9238	5.9458				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9569	2.2735	1.9945	2.2426	1.8921	2.1631	1.7131	4.0195
9*	2.2735	1.7731	1.9383	1.8264	2.0040	1.9019	1.7457	3.8035
10*	1.9945	1.9390	1.9052	1.9931	1.8589	2.0210	1.7219	3.8207
11*	2.2426	1.8265	1.9929	1.8608	2.1112	1.9669	2.8158	5.8009
12*	1.8921	2.0004	1.8567	2.1108	2.1501	1.9182	3.6330	
13*	2.1631	1.8979	2.0186	1.9657	1.9180	1.7434	4.0933	
14*	1.7131	1.7427	1.7199	2.8135	3.6316	4.0159		
15 *	4.0195	3.8007	3.8180	5.7961				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.8624	2.1689	1.9016	2.1374	1.7946	2.0489	1.6140	3.8100
9*	2.1689	1.6858	1.8429	1.7342	1.9000	1.8000	1.6474	3.6162
10*	1.9016	1.8437	1.8087	1.8903	1.7542	1.9119	1.6234	3.6341
11*	2.1374	1.7343	1.8902	1.7626	1.9943	1.8499	2.6688	5.5063
12*	1.7946	1.8965	1.7522	1.9939	2.0353	1.8003	3.4550	
13*	2.0489	1.7964	1.9098	1.8486	1.8002	1.6358	3.8601	
14*	1.6140	1.6447	1.6217	2.6664	3.4536	3.7870		
15 *	3.8100	3.6137	3.6317	5.5017				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.7591	2.0513	1.7934	2.0158	1.6873	1.9271	1.5139	3.5946
9*	2.0513	1.5898	1.7341	1.6327	1.7845	1.6856	1.5427	3.4002
10*	1.7934	1.7348	1.7023	1.7790	1.6498	1.7955	1.5208	3.4140
11*	2.0158	1.6328	1.7789	1.6589	1.8695	1.7356	2.5041	5.2021
12*	1.6873	1.7811	1.6478	1.8691	1.9071	1.6811	3.2393	
13*	1.9271	1.6821	1.7933	1.7344	1.6810	1.5242	3.6139	
14*	1.5139	1.5401	1.5190	2.5018	3.2379	3.5462		
15 *	3.5946	3.3977	3.4115	5.1976				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.6772	1.9520	1.7029	1.9178	1.6049	1.8302	1.4393	3.3892
9*	1.9520	1.5135	1.6446	1.5525	1.6945	1.5962	1.4638	3.1965
10*	1.7029	1.6453	1.6144	1.6872	1.5674	1.6978	1.4393	3.2045
11*	1.9178	1.5526	1.6871	1.5794	1.7719	1.6509	2.3511	4.8935
12*	1.6049	1.6913	1.5655	1.7716	1.8057	1.5884	3.0313	
13*	1.8302	1.5929	1.6956	1.6498	1.5883	1.4374	3.3822	
14*	1.4393	1.4613	1.4375	2.3488	3.0299	3.3161		
15 *	3.3892	3.1941	3.2022	4.8892				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.5605	1.8351	1.5947	1.8036	1.4993	1.7181	1.3378	3.2555
9*	1.8351	1.4119	1.5381	1.4465	1.5866	1.4888	1.3608	3.0879
10*	1.5947	1.5388	1.5087	1.5779	1.4594	1.5840	1.3355	3.0855
11*	1.8036	1.4466	1.5778	1.4704	1.6515	1.5316	2.2404	4.7095
12*	1.4993	1.5835	1.4576	1.6512	1.6793	1.4675	2.9146	
13*	1.7181	1.4856	1.5819	1.5305	1.4673	1.3250	3.2294	
14*	1.3378	1.3584	1.3339	2.2381	2.9132	3.1697		
15 *	3.2555	3.0856	3.0832	4.7052				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.4820	1.7491	1.5155	1.7211	1.4285	1.6370	1.2723	3.1229
9*	1.7491	1.3426	1.4627	1.3767	1.5105	1.4134	1.2931	2.9615
10*	1.5155	1.4634	1.4345	1.5005	1.3887	1.5036	1.2673	2.9563
11*	1.7211	1.3768	1.5004	1.3992	1.5645	1.4542	2.1367	4.5181
12*	1.4285	1.5074	1.3869	1.5642	1.5875	1.3886	2.7753	
13*	1.6370	1.4103	1.5016	1.4532	1.3884	1.2518	3.0805	
14*	1.2723	1.2908	1.2657	2.1346	2.7740	3.0240		
15 *	3.1229	2.9592	2.9541	4.5139				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.4378	1.6827	1.4568	1.6567	1.3853	1.5852	1.2443	2.9799
9*	1.6827	1.3008	1.4077	1.3334	1.4626	1.3706	1.2624	2.8053
10*	1.4568	1.4084	1.3841	1.4473	1.3529	1.4571	1.2360	2.8046
11*	1.6568	1.3335	1.4472	1.3566	1.5140	1.4168	2.0317	4.3092
12*	1.3853	1.4599	1.3513	1.5137	1.5365	1.3552	2.6186	
13*	1.5852	1.3675	1.4551	1.4158	1.3551	1.2212	2.9322	
14*	1.2443	1.2601	1.2344	2.0298	2.6174	2.8762		
15 *	2.9799	2.8032	2.8026	4.3052				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.3715	1.6048	1.3871	1.5811	1.3283	1.5120	1.1926	2.8950
9*	1.6048	1.2449	1.3416	1.2749	1.3939	1.3135	1.2133	2.7407
10*	1.3871	1.3422	1.3198	1.3784	1.2935	1.3950	1.1907	2.7483
11*	1.5811	1.2750	1.3783	1.2975	1.4443	1.3538	1.9783	4.2111
12*	1.3283	1.3912	1.2920	1.4439	1.4667	1.3101	2.5636	
13*	1.5120	1.3108	1.3932	1.3529	1.3099	1.1806	2.8807	
14*	1.1926	1.2112	1.1892	1.9765	2.5625	2.8290		
15 *	2.8950	2.7385	2.7461	4.2073				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.3551	1.5884	1.3859	1.5659	1.3178	1.5036	1.1925	2.8129
9*	1.5884	1.2503	1.3377	1.2783	1.3877	1.3129	1.2144	2.6806
10*	1.3859	1.3383	1.3273	1.3694	1.2969	1.3924	1.2010	2.7192
11*	1.5659	1.2784	1.3692	1.3019	1.4422	1.3473	1.9594	4.2059
12*	1.3178	1.3852	1.2955	1.4419	1.4711	1.3112	2.5039	
13*	1.5036	1.3101	1.3908	1.3464	1.3107	1.2100	2.8974	
14*	1.1925	1.2124	1.1996	1.9577	2.5027	2.8474		
15 *	2.8129	2.6786	2.7171	4.2021				

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.2891	1.7263	1.5781	1.7138	1.2566	1.6808	1.2276	3.0037
9*	1.7263	1.3167	1.4940	1.2810	1.5861	1.4772	1.2205	2.8420
10*	1.5781	1.4947	1.5604	1.5258	1.3627	1.5766	1.3055	2.9771
11*	1.7138	1.2809	1.5256	1.3761	1.6365	1.2881	2.1328	4.6871
12*	1.2566	1.5848	1.3619	1.6359	1.7320	1.3002	2.6322	
13*	1.6808	1.4742	1.5748	1.2873	1.2996	1.4253	3.2906	
14*	1.2276	1.2188	1.3040	2.1309	2.6308	3.2336		
15 *	3.0037	2.8395	2.9749	4.6829				

AT 118% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.9045	3.6724	3.6897	3.6466	2.8557	3.6782	3.1564	6.4708
9*	3.6724	2.9619	3.5093	2.8715	3.6584	3.5819	3.1499	6.2727
10*	3.6897	3.5104	3.7631	3.5187	2.9530	3.7044	3.4241	6.7156
11*	3.6466	2.8710	3.5175	2.9999	3.8268	3.1521	4.7049	10.1466
12*	2.8557	3.6559	2.9514	3.8253	4.1185	3.3435	5.8416	
13*	3.6782	3.5752	3.7006	3.1501	3.3418	3.8208	7.5640	
14*	3.1564	3.1457	3.4202	4.7013	5.8375	7.4520		
15 *	6.4708	6.2677	6.7098	10.1370				

TABLE A-6

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 100% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.3355	1.2487	1.4135	1.2516	1.3676	1.2813	1.4372	.6306
	1.3353	1.3973	1.2696	1.4029	1.2797	1.3456	1.2046	2.5470
9	1.2487	1.4508	1.4507	1.4085	1.3809	1.4346	1.4159	.6589
	1.3973	1.2444	1.2276	1.2655	1.2606	1.2091	1.2258	2.4376
10	1.4135	1.4501	1.4721	1.4096	1.3579	1.3651	1.4264	.6534
	1.2696	1.2280	1.2110	1.2617	1.3023	1.2886	1.2202	2.4748
11	1.2516	1.4085	1.4098	1.3710	1.3212	1.2847	.9123	.4361
	1.4029	1.2655	1.2616	1.3141	1.3369	1.3824	1.8724	3.7110
12	1.3676	1.3831	1.3595	1.3214	1.2865	1.3105	.7086	
	1.2797	1.2588	1.3009	1.3367	1.3546	1.3413	2.3495	
13	1.2813	1.4375	1.3666	1.2855	1.3110	1.3969	.6161	
	1.3456	1.2069	1.2873	1.3819	1.3409	1.2432	2.6729	
14	1.4372	1.4182	1.4279	.9129	.7089	.6284		
	1.2046	1.2239	1.2191	1.8717	2.3492	2.6231		
15	.6306	.6595	.6539	.4364	F-DEL-H			
	2.5470	2.4359	2.4738	3.7092	M-DEL-H			

AT 75% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.3357	1.2549	1.4289	1.2569	1.3694	1.2848	1.4404	.6215
	1.6316	1.7242	1.4773	1.6248	1.4886	1.5472	1.4313	3.0579
9	1.2549	1.4646	1.4681	1.4218	1.3886	1.4451	1.4215	.6497
	1.7242	1.4088	1.4213	1.4227	1.4517	1.3921	1.4655	2.9245
10	1.4289	1.4676	1.4932	1.4260	1.3624	1.3738	1.4314	.6438
	1.4773	1.4217	1.4088	1.4715	1.4749	1.5145	1.4657	2.9787
11	1.2569	1.4218	1.4262	1.3804	1.3274	1.2858	.9052	.4259
	1.6248	1.4227	1.4713	1.5109	1.6298	1.7334	2.3095	4.5410
12	1.3694	1.3909	1.3641	1.3277	1.2905	1.3087	.6969	
	1.4886	1.4496	1.4732	1.6295	1.6511	1.6828	2.9717	
13	1.2848	1.4483	1.3755	1.2867	1.3092	1.3953	.6052	
	1.5472	1.3894	1.5129	1.7326	1.6822	1.5587	3.3838	
14	1.4404	1.4240	1.4331	.9059	.6972	.6173		
	1.4313	1.4632	1.4642	2.3084	2.9713	3.3202		
15	.6215	.6503	.6443	.4263	F-DEL-H			
	3.0579	2.9223	2.9772	4.5380	M-DEL-H			

TABLE A-6 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 50% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.3342	1.2594	1.4426	1.2605	1.3699	1.2867	1.4431	.6129
	1.4948	1.6798	1.4200	1.5736	1.4485	1.4933	1.3715	2.9463
9	1.2594	1.4774	1.4839	1.4341	1.3948	1.4544	1.4268	.6412
	1.6798	1.3659	1.3672	1.3792	1.4019	1.3418	1.4044	2.8646
10	1.4426	1.4833	1.5131	1.4414	1.3664	1.3818	1.4366	.6350
	1.4200	1.3676	1.3529	1.4218	1.4467	1.4725	1.4140	2.9503
11	1.2605	1.4341	1.4416	1.3894	1.3337	1.2872	.8988	.4164
	1.5736	1.3792	1.4216	1.4972	1.5845	1.6885	2.3117	4.5793
12	1.3699	1.3975	1.3682	1.3340	1.2947	1.3079	.6863	
	1.4485	1.3996	1.4449	1.5842	1.5984	1.6331	2.9367	
13	1.2867	1.4578	1.3836	1.2882	1.3084	1.3953	.5956	
	1.4933	1.3389	1.4706	1.6878	1.6326	1.4928	3.3337	
14	1.4431	1.4295	1.4385	.8995	.6866	.6075		
	1.3715	1.4019	1.4124	2.3104	2.9362	3.2702		
15	.6129	.6418	.6355	.4168	F-DEL-H			
	2.9463	2.8623	2.9486	4.5762	M-DEL-H			

AT 30% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.3336	1.2634	1.4544	1.2636	1.3700	1.2877	1.4450	.6056
	1.4948	1.6798	1.4200	1.5736	1.4485	1.4933	1.3715	2.9463
9	1.2634	1.4891	1.4974	1.4453	1.4001	1.4613	1.4309	.6339
	1.6798	1.3659	1.3672	1.3792	1.4019	1.3418	1.4044	2.8646
10	1.4544	1.4968	1.5303	1.4549	1.3699	1.3882	1.4405	.6274
	1.4200	1.3676	1.3529	1.4218	1.4467	1.4725	1.4140	2.9503
11	1.2636	1.4453	1.4551	1.3978	1.3391	1.2886	.8932	.4081
	1.5736	1.3792	1.4216	1.4972	1.5845	1.6885	2.3117	4.5793
12	1.3700	1.4029	1.3718	1.3394	1.2982	1.3071	.6773	
	1.4485	1.3996	1.4449	1.5842	1.5984	1.6331	2.9367	
13	1.2877	1.4650	1.3902	1.2896	1.3076	1.3946	.5872	
	1.4933	1.3389	1.4706	1.6878	1.6326	1.4928	3.3337	
14	1.4450	1.4338	1.4426	.8940	.6776	.5991		
	1.3715	1.4019	1.4124	2.3104	2.9362	3.2702		
15	.6056	.6345	.6280	.4085	F-DEL-H			
	2.9463	2.8623	2.9486	4.5762	M-DEL-H			