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RA-19-0385

October 31, 2019

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Duke Energy Carolinas, LLC (Duke Energy)
Catawba Nuclear Station, Unit 2
Facility Operating License Number NPF-52
Docket Number 50-414
Core Operating Limits Report (COLR) for Unit 2 Cycle 24 Reload Core

Pursuant to Catawba Technical Specification 5.6.5.d, enclosed is the subject COLR. This COLR revision is being submitted to provide the limits of the Catawba Unit 2 Cycle 24 reload core.

This letter, the enclosed COLR, and the attached COLR Appendix A, do not contain any regulatory commitments.

Please direct any questions or concerns to Douglas Brunson, Sr. Engineer, at (803) 701-3865.

Sincerely,

Tom Simril
Vice President, Catawba Nuclear Station

Enclosure: Catawba Unit 2, Cycle 24, Revision 0, Core Operating Limits Report

Attachment: Catawba Unit 2, Cycle 24, Revision 0, Core Operating Limits Report, Appendix A, Power Distribution Monitoring Factors

xc (with enclosure; with attachment):

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**Enclosure**

Catawba Unit 2, Cycle 24, Revision 0, Core Operating Limits Report

DUKE ENERGY®

| | |
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| Stasko, Maryanne E | Preparer | 9/5/2019 |
| Klein, Casey | QA | 9/5/2019 |
| Murphy, William J | Site Impact Review | 9/5/2019 |
| Berklite, Samson V. | Safety Analysis DV | 9/5/2019 |
| Robinson, Duncan | Approver | 9/5/2019 |

**Notes :**

# Catawba 2 Cycle 24

# Core Operating Limits Report
# Revision 0

## September 2019

Reference: CNC-1553.05-00-0689, Rev. 0
Reload 50.59 #: 02286541

QA CONDITION 1

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

# Catawba 2 Cycle 24 Core Operating Limits Report

## Implementation Instructions for Revision 0

### Revision Description and CR Tracking

Revision 0 of the Catawba Unit 2 Cycle 24 COLR contains limits specific to the reload core.

There is no CR associated with this revision.

### Implementation Schedule

The Catawba Unit 2 Cycle 24 COLR requires the reload 50.59 (AR #02286541) be approved prior to implementation and fuel loading.

Revision 0 may become effective any time during NO MODE between cycles 23 and 24 but must become effective prior to entering MODE 6 which starts cycle 24. The Catawba Unit 2 Cycle 24 COLR will cease to be effective during NO MODE between cycle 24 and 25.

### Data files to be Implemented

No data files are transmitted as part of this document.

### Additional Information

CDR was performed by Safety Analysis for COLR Sections 1.1, 2.1, and 2.9 – 2.18.

CNS Reactor Engineering performed site inspection in accordance with AD-NF-ALL-0807 and AD-NF-NGO-0214.

**Catawba 2 Cycle 24 Core Operating Limits Report**

REVISION LOG

| Revision | Effective Date | Pages Affected | COLR |
|---|---|---|---|
| 0 | September 2019 | 1-31, Appendix A* | C2C24 COLR, Rev. 0 |

* Appendix A contains power distribution monitoring factors used in Technical Specification Surveillance and is not uploaded as part of the EI body. However, Appendix A is uploaded into the document management system, for ease of transmittal to the NRC.

# Catawba 2 Cycle 24 Core Operating Limits Report

## 1.0 Core Operating Limits Report

This Core Operating Limits Report (COLR) has been prepared in accordance with requirements of Technical Specification 5.6.5. Technical Specifications that reference this report are listed below along with the NRC approved analytical methods used to develop and/or determine COLR parameters identified in Technical Specifications.

| TS Section | Technical Specifications | COLR Parameter | COLR Section | NRC Approved Methodology (Section 1.1 Number) |
|---|---|---|---|---|
| 2.1.1 | Reactor Core Safety Limits | RCS Temperature and Pressure Safety Limits | 2.1 | 6, 7, 8, 9, 10, 12, 15, 16, 19, 20 |
| 3.1.1 | Shutdown Margin | Shutdown Margin | 2.2 | 6, 7, 8, 12, 14, 15, 16, 19, 20 |
| 3.1.3 | Moderator Temperature Coefficient | MTC | 2.3 | 6, 7, 8, 14, 16, 18 |
| 3.1.4 | Rod Group Alignment Limits | Shutdown Margin | 2.2 | 6, 7, 8, 12, 14, 15, 16, 19, 20 |
| 3.1.5 | Shutdown Bank Insertion Limit | Shutdown Margin<br>Rod Insertion Limits | 2.2<br>2.4 | 2, 4, 6, 7, 8, 9, 10<br>12, 14, 15, 16, 19, 20 |
| 3.1.6 | Control Bank Insertion Limit | Shutdown Margin<br>Rod Insertion Limits | 2.2<br>2.5 | 2, 4, 6, 7, 8, 9, 10<br>12, 14, 15, 16, 19, 20 |
| 3.1.8 | Physics Tests Exceptions | Shutdown Margin | 2.2 | 6, 7, 8, 12, 14, 15, 16, 19, 20 |
| 3.2.1 | Heat Flux Hot Channel Factor | $F_Q$<br>AFD<br>OTΔT<br>Penalty Factors | 2.6<br>2.8<br>2.9<br>2.6 | 2, 4, 6, 7, 8, 9, 10,<br>12, 15, 16, 19, 20 |
| 3.2.2 | Nuclear Enthalpy Rise Hot Channel Factor | FΔH<br>Penalty Factors | 2.7<br>2.7 | 2, 4, 6, 7, 8, 9, 10<br>12, 15, 16, 19, 20 |
| 3.2.3 | Axial Flux Difference | AFD | 2.8 | 2, 4, 6, 7, 8, 15, 16 |
| 3.3.1 | Reactor Trip System Instrumentation | OTΔT<br>OPΔT | 2.9<br>2.9 | 6, 7, 8, 9, 10, 12<br>15, 16, 19, 20 |
| 3.3.9 | Boron Dilution Mitigation System | Reactor Makeup Water Flow Rate | 2.10 | 6, 7, 8, 14, 16 |
| 3.4.1 | RCS Pressure, Temperature and Flow limits for DNB | RCS Pressure, Temperature and Flow | 2.11 | 6, 7, 8, 9, 10, 12, 19, 20 |
| 3.5.1 | Accumulators | Max and Min Boron Conc. | 2.12 | 6, 7, 8, 14, 16 |
| 3.5.4 | Refueling Water Storage Tank | Max and Min Boron Conc. | 2.13 | 6, 7, 8, 14, 16 |
| 3.7.15 | Spent Fuel Pool Boron Concentration | Min Boron Concentration | 2.14 | 6, 7, 8, 14, 16 |
| 3.9.1 | Refueling Operations - Boron Concentration | Min Boron Concentration | 2.15 | 6, 7, 8, 14, 16 |
| 5.6.5 | Core Operating Limits Report (COLR) | Analytical Methods | 1.1 | None |

The Selected Licensee Commitments that reference this report are listed below

| SLC Section | Selected Licensing Commitment | COLR Parameter | COLR Section | NRC Approved Methodology (Section 1.1 Number) |
|---|---|---|---|---|
| 16.7-9 | Standby Shutdown System | Standby Makeup Pump Water Supply | 2.16 | 6, 7, 8, 14, 16 |
| 16.9-11 | Boration Systems – Borated Water Source – Shutdown | Borated Water Volume and Conc. for BAT/RWST | 2.17 | 6, 7, 8, 14, 16 |
| 16.9-12 | Boration Systems – Borated Water Source – Operating | Borated Water Volume and Conc. for BAT/RWST | 2.18 | 6, 7, 8, 14, 16 |

**Catawba 2 Cycle 24 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

   Addendum 2, "Addendum to the Westinghouse Small Break ECCS Evaluation Model Using the NOTRUMP Code: Safety Injection into the Broken Loop and COSI Condensation Model," (W Proprietary). (Referenced in Duke Letter DPC-06-101)

   Revision 1
   Report Date: July 1997

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 LOCA," (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 2 Cycle 24 Core Operating Limits Report

## 1.1 Analytical Methods (continued)

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

   Revision 5a
   Report Date: October 2012

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

   Revision 1
   Report Date: March 2015

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

   Revision 4c
   Report Date: January 2019

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

   Revision 2a
   Report Date: December 2008

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

    Revision 5
    Report Date: March 2016

11. DPC-NE-2008-PA, "Fuel Mechanical Reload Analysis Methodology Using TACO3," (Duke Energy Proprietary).

    Revision 0
    Report Date: April 1995
    **Not Used**

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

    Revision 3c
    Report Date: March 2017

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

    Revision 1a
    Report Date: January 2009
    **Not Used**

# Catawba 2 Cycle 24 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, "Nuclear Design Methodology for Core Operating Limits of Westinghouse Reactors," (Duke Energy Proprietary).

    Revision 1a
    Report Date: June 2009

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

    Revision 1
    Report Date: November 2008

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

    Revision 1
    SER Date: January 14, 2004
    **Not Used**

18. DPC-NE-1007-PA, “McGuire Nuclear Station Catawba Nuclear Station Conditional Exemption of the EOC MTC Measurement Methodology”, (Duke Energy and W Proprietary)

    Revision 0
    Report Date: April 2015

19. WCAP-12610-P-A, “VANTAGE+ Fuel Assembly Reference Core Report,” (W Proprietary).

    Revision 0
    Report Date: April 1995

20. WCAP-12610-P-A & CENPD-404-P-A, Addendum 1-A, “Optimized ZIRLO™,” (W Proprietary).

    Revision 0
    Report Date: July 2006

**Catawba 2 Cycle 24 Core Operating Limits Report**

## 2.0 Operating Limits

Cycle-specific parameter limits for 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)

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.

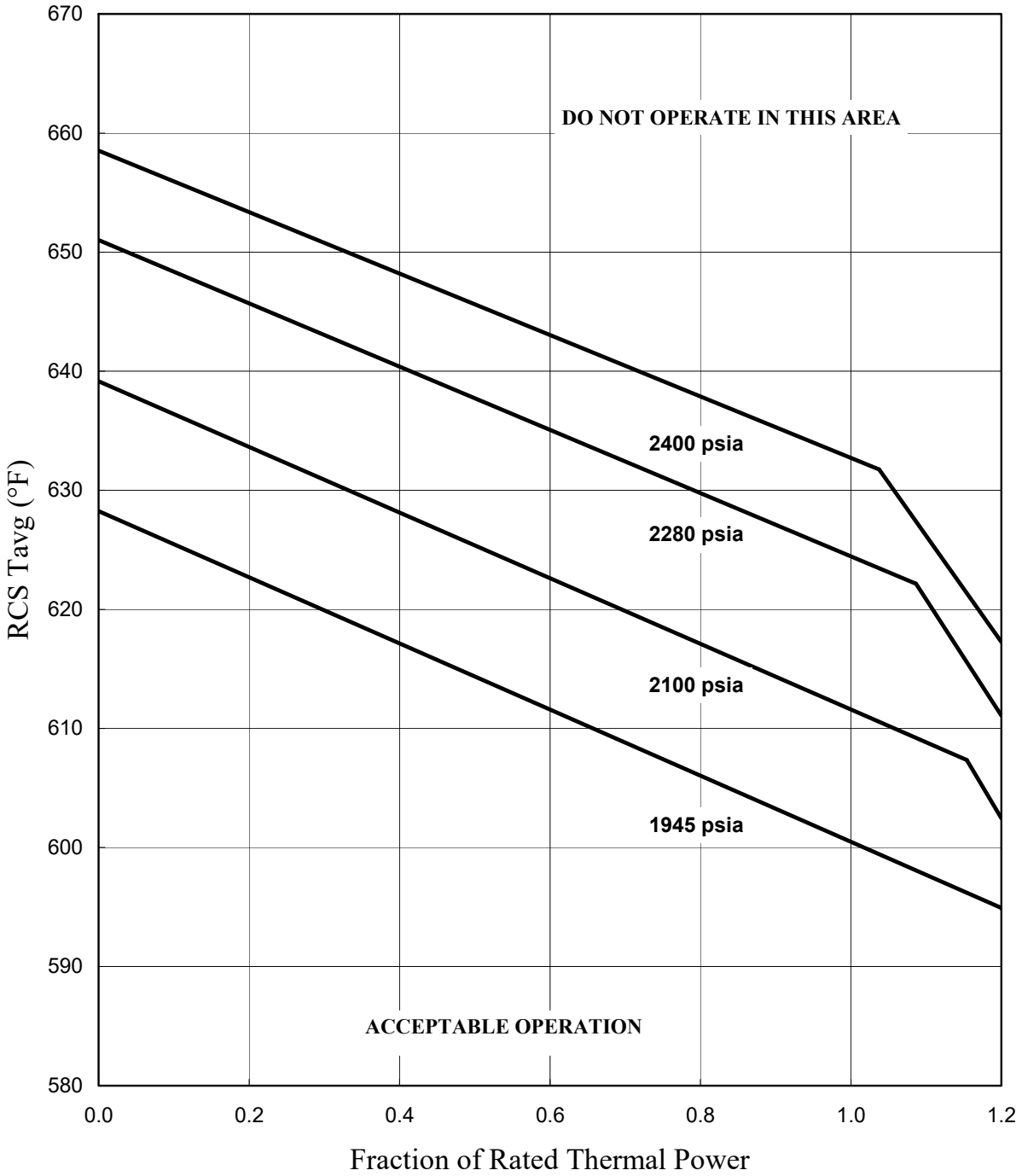
**2.2.5** For TS 3.1.6, SDM shall be greater than or equal to 1.3% ΔK/K in MODE 1 and MODE 2 with Keff $\geq$ 1.0.

**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 2 Cycle 24 Core Operating Limits Report**

**Figure 1**

**Reactor Core Safety Limits**
**Four Loops in Operation**



**Catawba 2 Cycle 24 Core Operating Limits Report**

## 2.3 Moderator Temperature Coefficient - MTC (TS 3.1.3)

**2.3.1** Moderator Temperature Coefficient (MTC) Limits are:

MTC shall be less positive than the upper limits shown in Figure 2.

BOC, ARO, HZP MTC shall be less positive than 0.7E-04 ΔK/K/°F.

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

**2.3.2** 300 ppm MTC Surveillance Limit is:

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 Revised Predicted near-EOC 300 ppm ARO RTP MTC shall be calculated using the procedure contained in DPC-NE-1007-PA.

If the Revised Predicted MTC is less negative than or equal to the 300 ppm SR 3.1.3.2 Surveillance Limit, and all benchmark data contained in the surveillance procedure is satisfied, then an MTC measurement in accordance with SR 3.1.3.2 is not required to be performed.

**2.3.4** 60 ppm MTC Surveillance Limit is:

Measured 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.

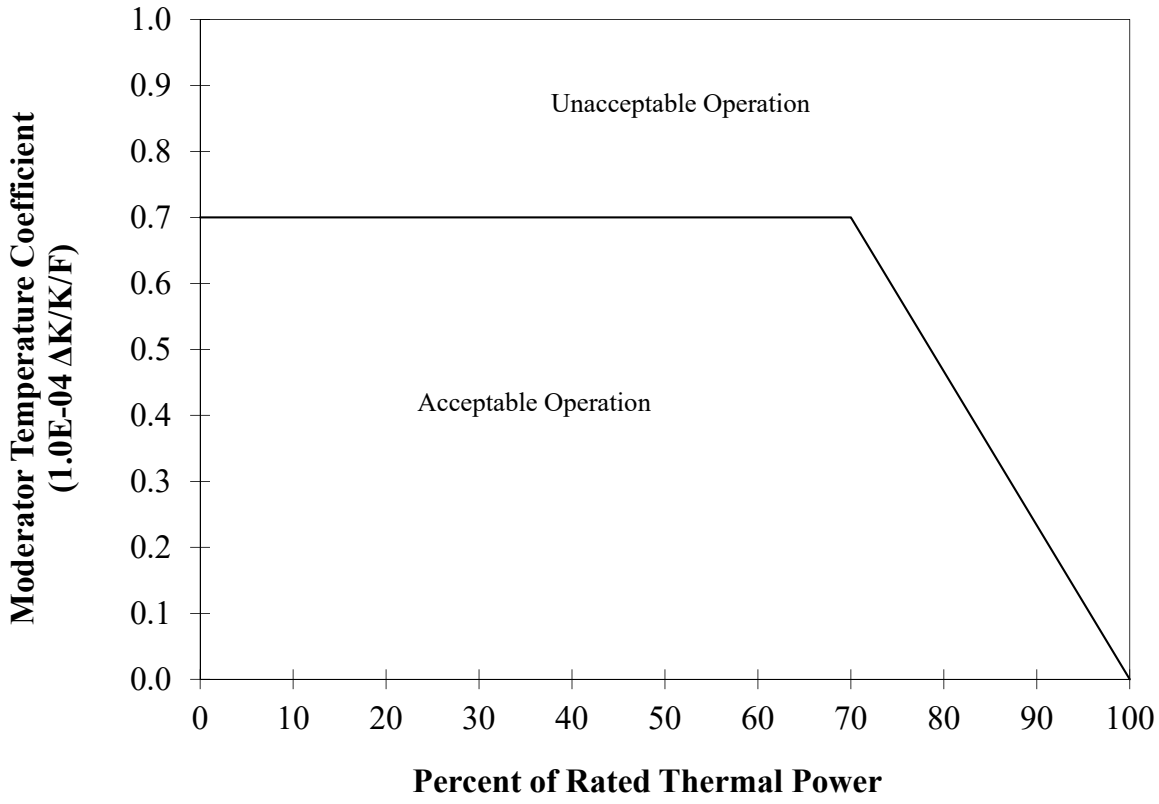
## 2.5 Control Bank Insertion Limits (TS 3.1.6)

**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.

**Catawba 2 Cycle 24 Core Operating Limits Report**

**Figure 2**

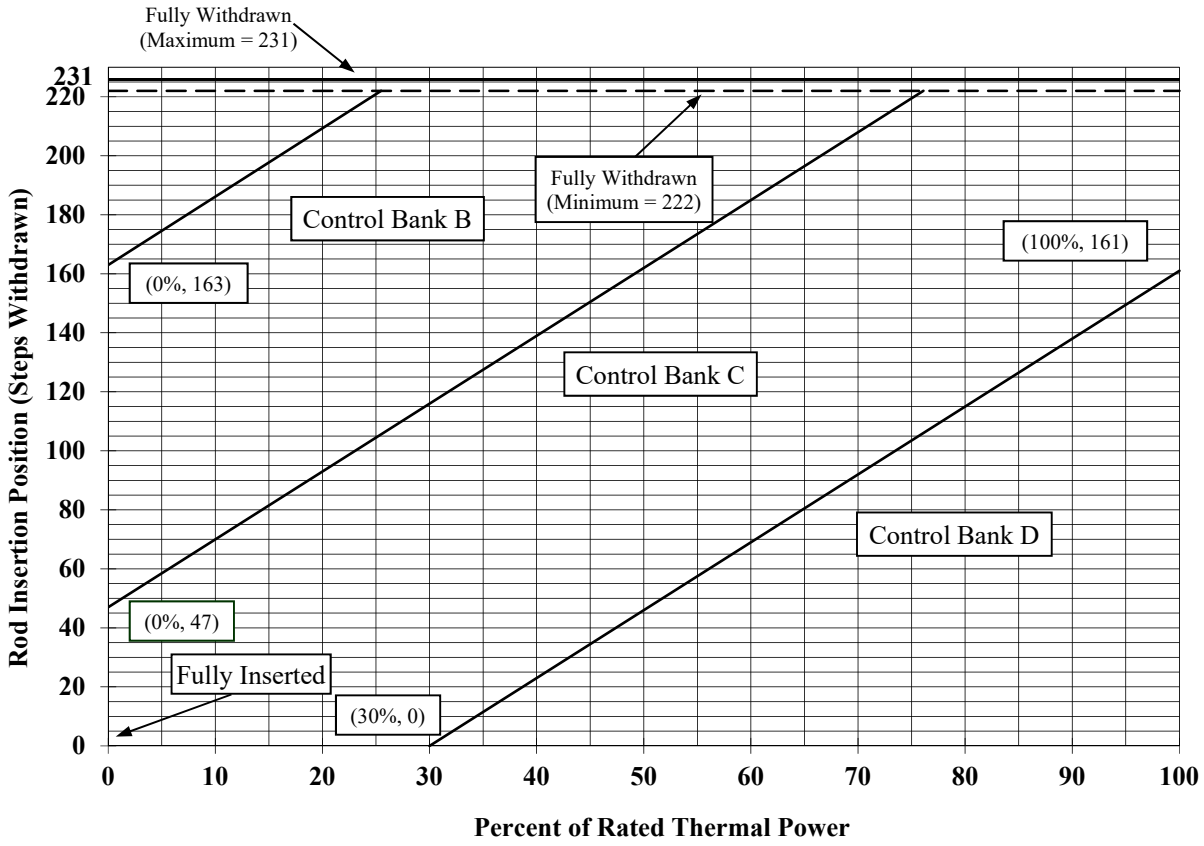
**Moderator Temperature Coefficient Upper Limit Versus Power Level**




**NOTE:** Compliance with Technical Specification 3.1.3 may require rod withdrawal limits. Refer to the Unit 2 ROD manual for details.

**Catawba 2 Cycle 24 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 = % of Rated Thermal Power*

**NOTE**: Compliance with Technical Specification 3.1.3 may require rod withdrawal limits. Refer to the Unit 2 ROD manual for details.

# Catawba 2 Cycle 24 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 2 Cycle 24 Core Operating Limits Report**

## 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:

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

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

where,

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

Note: 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 limits. The manufacturing tolerance and measurement uncertainty are implicitly included in the $F_Q$ surveillance limits as defined in 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 analytically confirmed in cycle-specific reload calculation. K(BU) 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 AFD, RIL, and QPTR limits. $F_Q^L(X,Y,Z)^{OP}$ includes allowances for calculation and measurement uncertainties.

$F_Q^D(X,Y,Z)$ = 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.

**Catawba 2 Cycle 24 Core Operating Limits Report**

$M_Q(X,Y,Z)$ = 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 to account 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 AFD, RIL, and QPTR limits. $[F_Q^L(X,Y,Z)]^{RPS}$ includes allowances for calculation and measurement uncertainties.

$F_Q^D(X,Y,Z)$ = Defined in Section 2.6.5.

$M_C(X,Y,Z)$ = 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.

UMT = Defined in Section 2.6.5.

MT = Defined in Section 2.6.5.

TILT = Defined in Section 2.6.5.

**Catawba 2 Cycle 24 Core Operating Limits Report**

**2.6.7** KSLOPE = 0.0725

where:

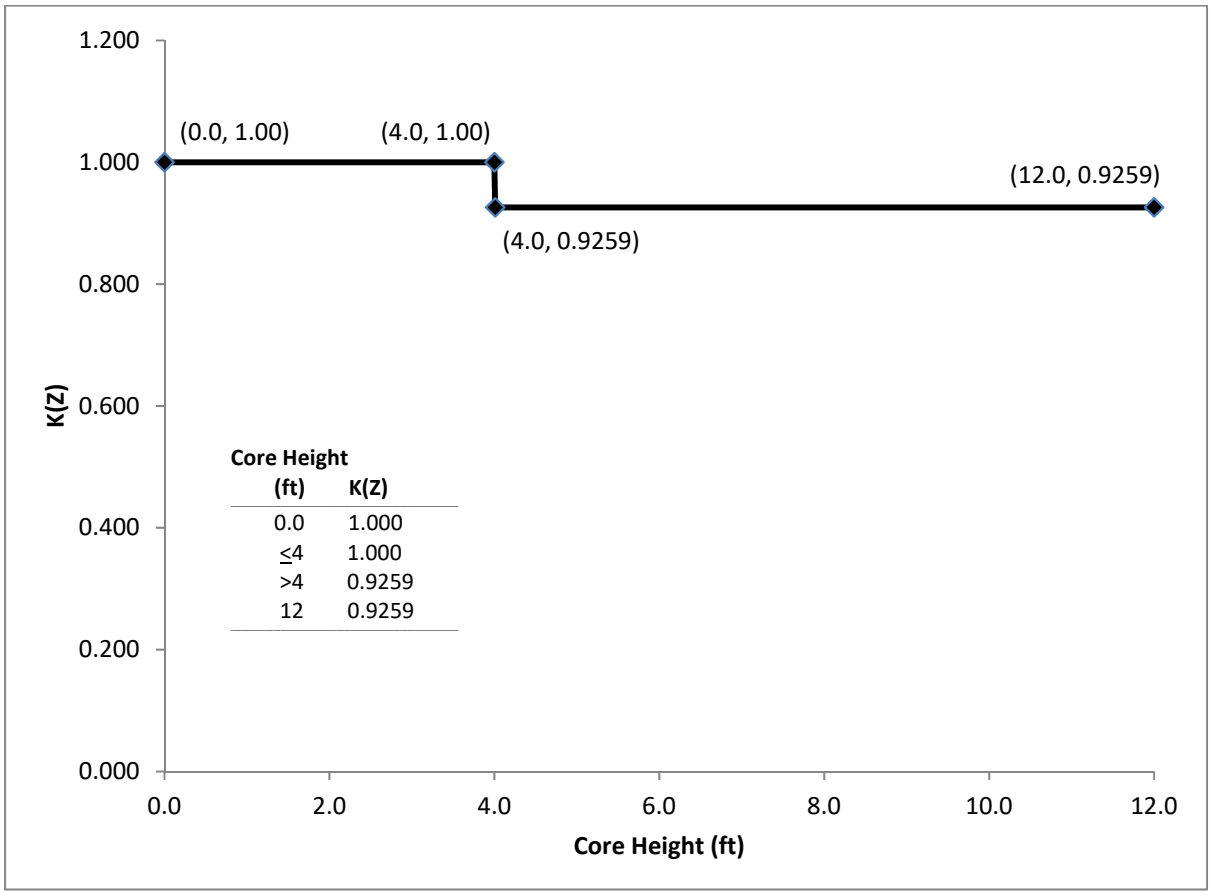
KSLOPE = adjustment to $K_1$ value from OTΔT trip setpoint required to compensate for each 1% measured $F_Q^M$ (X,Y,Z) exceeds $[F_Q^L(X,Y,Z)]^{RPS}$.

**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 2 Cycle 24 Core Operating Limits Report

## Figure 4

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




| Core Height (ft) | K(Z) |
|---|---|
| 0.0 | 1.000 |
| ≤4 | 1.000 |
| >4 | 0.9259 |
| 12 | 0.9259 |

**Catawba 2 Cycle 24 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 |
| 475 | 2.00 | 2.00 |
| 500 | 2.00 | 2.00 |
| 510 | 2.00 | 2.00 |
| 520 | 2.00 | 2.00 |
| 530 | 2.00 | 2.00 |
| 540 | 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 Tech Spec Surveillances 3.2.1.2, 3.2.1.3 and 3.2.2.2.

**Catawba 2 Cycle 24 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 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 AFD, RIL, and QPTR limits. $F^{L}_{\Delta H}(X,Y)^{SURV}$ includes allowances for calculation and measurement uncertainty.

$F^{D}_{\Delta H}(X,Y)$ = Design 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.

$M_{\Delta H}(X,Y)$ = Margin remaining in core location X,Y relative to the 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 1.0 since a factor of 1.04 is implicitly included in the variable $M_{\Delta H}(X,Y)$.

TILT = Defined in Section 2.6.5.

**2.7.3** RRH is defined in Section 2.7.1.

**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 2 Cycle 24 Core Operating Limits Report

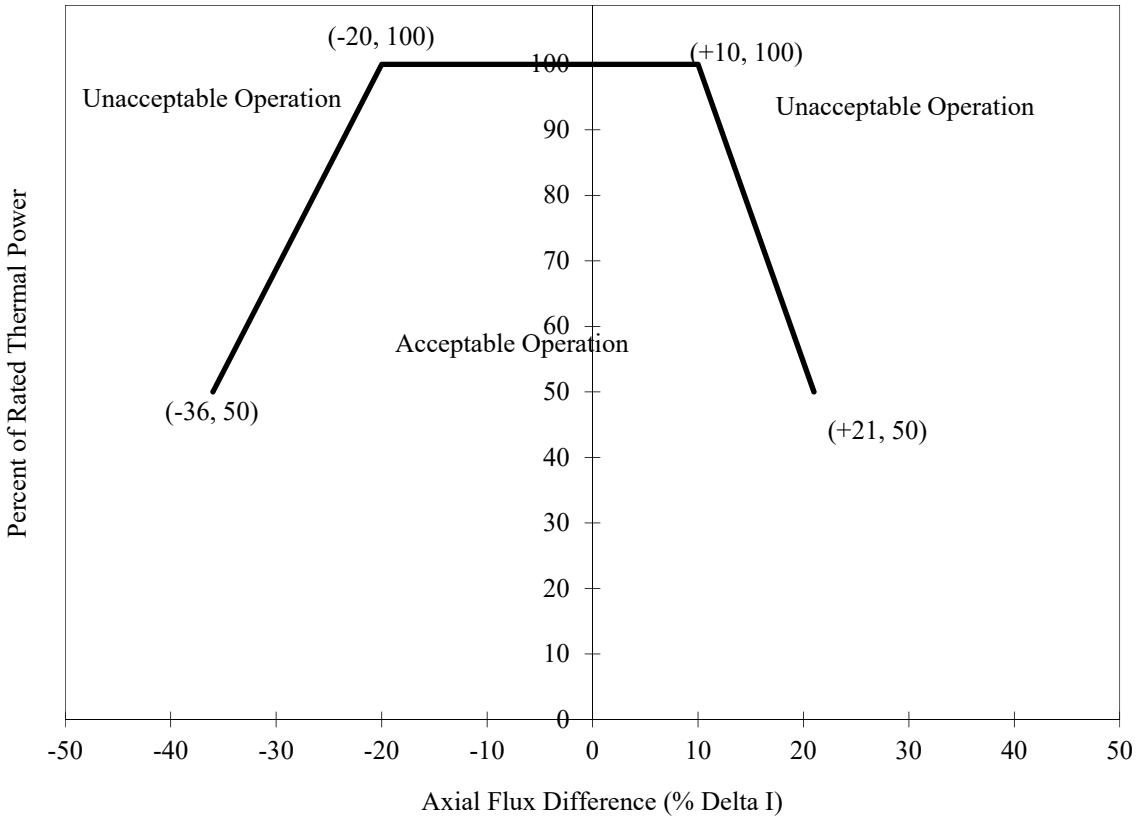
## Table 3
## Maximum Allowable Radial Peaks (MARPs)
## RFA Steady State Limiting Value Between
## Loss of Flow Accident (LOFA) MARPs and $F\Delta H_{LOCA}$

| 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** | **3.25** |
| **0.12** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.3151 | 1.2461 |
| **1.20** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.3007 | 1.2235 |
| **2.40** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.4633 | 1.4616 |
| **3.60** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.4675 | 1.3874 |
| **4.80** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.2987 | 1.2579 |
| **6.00** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.3293 | 1.2602 |
| **7.20** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.5982 | 1.2871 | 1.2195 |
| **8.40** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6010 | 1.5127 | 1.2182 | 1.1578 |
| **9.60** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.5808 | 1.5301 | 1.4444 | 1.1431 | 1.0914 |
| **10.80** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.5743 | 1.5573 | 1.5088 | 1.4624 | 1.3832 | 1.1009 | 1.0470 |
| **11.40** | 1.6058 | 1.6058 | 1.6058 | 1.6058 | 1.6057 | 1.5826 | 1.5289 | 1.5098 | 1.4637 | 1.4218 | 1.3458 | 1.0670 | 1.0142 |

**Catawba 2 Cycle 24 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 2 ROD manual for operational AFD limits.

# Catawba 2 Cycle 24 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 | $T' \leq 590.8$ °F |
| Nominal RCS Operating Pressure | P' = 2235 psig |
| Overtemperature ΔT reactor trip setpoint | $K_1 = 1.1953$ |
| Overtemperature ΔT reactor trip heatup setpoint penalty coefficient | $K_2 = 0.03163$/°F |
| Overtemperature ΔT reactor trip depressurization setpoint penalty coefficient | $K_3 = 0.001414$/psi |
| Time constants utilized in the lead-lag compensator for ΔT | $\tau_1 = 8$ sec.<br>$\tau_2 = 3$ sec. |
| Time constant utilized in the lag compensator for ΔT | $\tau_3 = 0$ sec. |
| Time constants utilized in the lead-lag compensator for $T_{avg}$ | $\tau_4 = 22$ sec.<br>$\tau_5 = 4$ sec. |
| Time constant utilized in the measured $T_{avg}$ lag compensator | $\tau_6 = 0$ sec. |
| $f_1(\Delta I)$ "positive" breakpoint | = 3.0 %ΔI |
| $f_1(\Delta I)$ "negative" breakpoint | = N/A* |
| $f_1(\Delta I)$ "positive" slope | = 1.525 $\%\Delta T_0$/ %ΔI |
| $f_1(\Delta I)$ "negative" slope | = N/A* |

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

# Catawba 2 Cycle 24 Core Operating Limits Report

## 2.9.2 Overpower ΔT Setpoint Parameter Values

| Parameter | Nominal Value |
|---|---|
| Nominal Tavg at RTP | T" $\leq$ 590.8 °F |
| Overpower ΔT reactor trip setpoint | $K_4$ = 1.0819 |
| Overpower ΔT reactor trip penalty | $K_5$ = 0.02 / °F for increasing Tavg<br>$K_5$ = 0.00 / °F for decreasing Tavg |
| Overpower ΔT reactor trip heatup setpoint penalty coefficient | $K_6$ = 0.001291/°F for T > T"<br>$K_6$ = 0.0 /°F for T $\leq$ T" |
| Time constants utilized in the lead-lag compensator for ΔT | $\tau_1$ = 8 sec.<br>$\tau_2$ = 3 sec. |
| Time constant utilized in the lag compensator for ΔT | $\tau_3$ = 0 sec. |
| Time constant utilized in the measured $T_{avg}$ lag compensator | $\tau_6$ = 0 sec. |
| Time constant utilized in the rate-lag controller for $T_{avg}$ | $\tau_7$ = 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 2 Cycle 24 Core Operating Limits Report**

## 2.10 Boron Dilution Mitigation System (TS 3.3.9)

**2.10.1** Reactor Makeup Water Pump flow rate limits:

| Applicable Mode | Limit |
|---|---|
| MODE 3 | ≤ 80 gpm |
| MODE 4 or 5 | ≤ 70 gpm |

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

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 - 300 EFPD | 2,500 ppm |
| Accumulator **minimum** boron concentration. | 300.1 - 400 EFPD | 2,377 ppm |
| Accumulator **minimum** boron concentration. | 400.1 - 530 EFPD | 2,216 ppm |
| Accumulator **minimum** boron concentration. | 530.1 - 540 EFPD | 2,032 ppm |
| Accumulator **maximum** boron concentration. | 0 - 540 EFPD | 3,075 ppm |

**Catawba 2 Cycle 24 Core Operating Limits Report**

**Table 4**

**Reactor Coolant System DNB Parameters**

| PARAMETER | INDICATION | No. Operable CHANNELS | LIMITS |
|---|---|---|---|
| 1. Indicated RCS Average Temperature | meter | 4 | ≤ 589.6 ˚F |
| | meter | 3 | ≤ 589.3 ˚F |
| | computer | 4 | ≤ 590.1 ˚F |
| | computer | 3 | ≤ 589.9 ˚F |
| 2. Indicated Pressurizer Pressure | meter | 4 | ≥ 2209.8 psig |
| | meter | 3 | ≥ 2212.1 psig |
| | computer | 4 | ≥ 2205.8 psig |
| | computer | 3 | ≥ 2207.5 psig |
| 3. RCS Total Flow Rate | | | ≥ 387,000 gpm |

**Catawba 2 Cycle 24 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 Keff remains within MODE 6 reactivity requirement of Keff $\leq$ 0.95.

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

**Catawba 2 Cycle 24 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 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 $\leq$ 210ºF, 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 ºF | 2000 gallons |

**NOTE: When cycle burnup is > 469 EFPD, Figure 6 may be used to determine required BAT minimum level**.

| | |
|---|---|
| BAT Minimum Shutdown Volume (Includes the additional volumes listed in SLC 16.9-11) | 13,086 gallons (14.9% level) |
| RWST minimum boron concentration | 2,700 ppm |
| Volume of 2,700 ppm boric acid solution required to maintain SDM at 68 ºF | 7,000 gallons |
| RWST Minimum Shutdown Volume (Includes the additional volumes listed in SLC 16.9-11) | 48,500 gallons (8.7% level) |

**Catawba 2 Cycle 24 Core Operating Limits Report**

## 2.18 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 *.

*** NOTE: The SLC 16.9-12 applicability is down to MODE 4 temperatures of > 210°F. The minimum volumes calculated support cooldown to 200°F to satisfy UFSAR Chapter 9 requirements.**

| 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 |

**NOTE: When cycle burnup is > 469 EFPD, Figure 6 may be used to determine required BAT minimum level**.

| | |
|---|---|
| BAT Minimum Shutdown Volume (Includes the additional volumes listed in SLC 16.9-12) | 25,200 gallons (45.8% 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% level) |

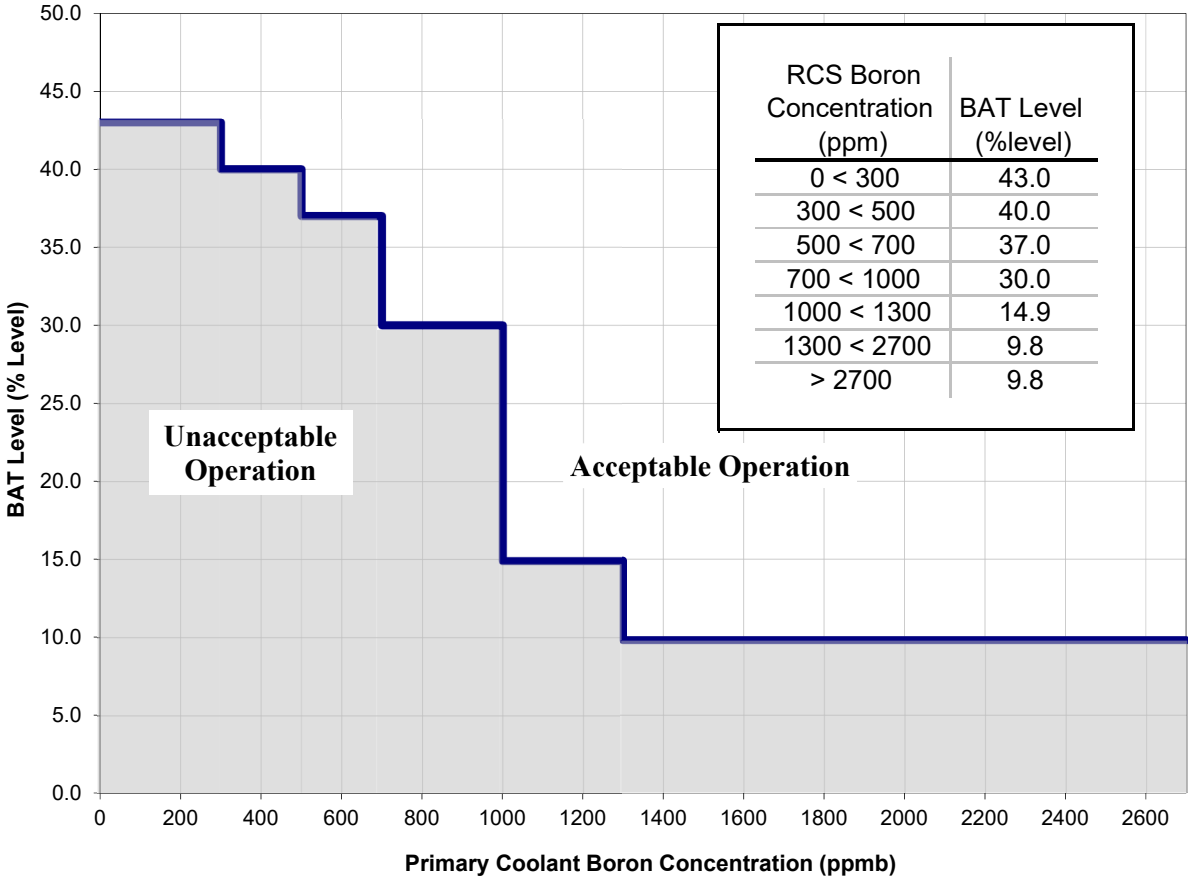
# Catawba 2 Cycle 24 Core Operating Limits Report

## Figure 6

## Boric Acid Storage Tank Indicated Level Versus Primary Coolant Boron Concentration

## (Valid When Cycle Burnup is > 469 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 2 Cycle 24 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 2 Cycle 24 Maneuvering Analysis calculation file, CNC-1553.05-00-0678, Rev 1. Due to the size of the monitoring factor data, Appendix A is controlled electronically within the Duke document management system and is not included in the Duke internal copies of the COLR. The Plant Reactor Engineering and Systems Support section will control this information via computer file(s) and should be contacted if there is a need to access this information.

Appendix A is available to be transmitted to the NRC.

**Attachment**

Catawba Unit 2, Cycle 24, Revision 0, Core Operating Limits Report,
Appendix A, Power Distribution Monitoring Factors

# Appendix A

## Power Distribution Monitoring Factors


| Table | Description | Page |
|---|---|---|
| TABLE A-1 | F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN), NORMAL OPERATION | 2 |
| TABLE A-2 | M-SUB-C VALUES (F-SUB-Q RPS MARGIN), NORMAL OPERATION | 218 |
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```
* JOB/DATE  QCTK/02Apr2019  CREATED BY  SMARG11   COMPILED 20Feb2018    COLR FILE
/nfe/mcd/mle/c2c24/ma/pflr/pflr_ghost.clr
                          TABLE A-1

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


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

       H        G        F        E        D        C        B        A
   ********************************************************************************
  8 * 0.4954 * 0.5655 * 0.6671 * 0.5908 * 0.6738 * 0.5717 * 0.5852 * 0.3301 *
    * 3.4729 * 3.4491 * 2.9286 * 3.2121 * 2.7980 * 3.2766 * 3.1698 * 5.0623 *
    ********************************************************************************
  9 * 0.5655 * 0.6378 * 0.5799 * 0.6701 * 0.6060 * 0.5756 * 0.5881 * 0.3390 *
    * 3.4491 * 3.0702 * 3.3468 * 2.8651 * 3.1595 * 3.2643 * 3.1695 * 4.9722 *
    ********************************************************************************
 10 * 0.6671 * 0.5792 * 0.5801 * 0.6233 * 0.6712 * 0.5845 * 0.5733 * 0.3149 *
    * 2.9286 * 3.3518 * 3.3748 * 3.1211 * 2.9098 * 3.3150 * 3.3241 * 5.3928 *
    ********************************************************************************
 11 * 0.5908 * 0.6689 * 0.6221 * 0.6637 * 0.5995 * 0.6227 * 0.5391 * 0.2830 *
    * 3.2121 * 2.8687 * 3.1276 * 2.9256 * 3.2400 * 3.0804 * 3.6061 * 6.1833 *
    ********************************************************************************
 12 * 0.6738 * 0.6052 * 0.6705 * 0.5990 * 0.5039 * 0.5319 * 0.3955 *
    * 2.7980 * 3.1609 * 2.9129 * 3.2424 * 3.5772 * 3.3937 * 4.3513 *
    ************************************************************
 13 * 0.5717 * 0.5754 * 0.5841 * 0.6224 * 0.5316 * 0.3922 * 0.2200 *
    * 3.2766 * 3.2656 * 3.3172 * 3.0821 * 3.3957 * 4.4808 * 7.7158 *
    ************************************************************
 14 * 0.5852 * 0.5880 * 0.5731 * 0.5388 * 0.3950 * 0.2141 *
    * 3.1698 * 3.1702 * 3.3256 * 3.6085 * 4.3562 * 7.8621 *
    ****************************************************
 15 * 0.3301 * 0.3389 * 0.3147 * 0.2828 * F-SUB-Q
    * 5.0623 * 4.9729 * 5.3954 * 6.1881 * 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 * 1.0769 * 1.1576 * 1.4345 * 1.1891 * 1.4614 * 1.2015 * 1.3857 * 0.7151 *
    * 1.7452 * 1.7149 * 1.3842 * 1.6286 * 1.3166 * 1.5901 * 1.3657 * 2.3874 *
    ********************************************************************************
  9 * 1.1576 * 1.4226 * 1.1696 * 1.4288 * 1.2177 * 1.2852 * 1.3961 * 0.7357 *
    * 1.7149 * 1.3984 * 1.6976 * 1.3736 * 1.5968 * 1.4856 * 1.3618 * 2.3427 *
    ********************************************************************************
 10 * 1.4345 * 1.1681 * 1.2703 * 1.2975 * 1.4282 * 1.2809 * 1.3707 * 0.6806 *
    * 1.3842 * 1.7002 * 1.5726 * 1.5304 * 1.3922 * 1.5405 * 1.4174 * 2.5471 *
    ********************************************************************************
 11 * 1.1891 * 1.4253 * 1.2952 * 1.4217 * 1.2863 * 1.4100 * 1.2964 * 0.6276 *
    * 1.6286 * 1.3758 * 1.5336 * 1.3826 * 1.5189 * 1.3819 * 1.5106 * 2.8448 *
    ********************************************************************************
 12 * 1.4614 * 1.2167 * 1.4270 * 1.2857 * 1.1475 * 1.3086 * 0.8561 *
    * 1.3166 * 1.5973 * 1.3933 * 1.5196 * 1.6079 * 1.4394 * 2.0458 *
    ************************************************************
 13 * 1.2015 * 1.2849 * 1.2804 * 1.4093 * 1.3078 * 0.8495 * 0.4836 *
    * 1.5901 * 1.4860 * 1.5412 * 1.3825 * 1.4402 * 2.1711 * 3.5867 *
    ************************************************************
 14 * 1.3857 * 1.3959 * 1.3702 * 1.2957 * 0.8550 * 0.4699 *
    * 1.3657 * 1.3620 * 1.4179 * 1.5116 * 2.0481 * 3.6602 *
    ****************************************************
 15 * 0.7151 * 0.7356 * 0.6803 * 0.6272 * F-SUB-Q
    * 2.3874 * 2.3429 * 2.5483 * 2.8467 * 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 | 1.2947 | 1.2911 | 1.3142 | 1.2999 | 1.3993 | 1.3763 | 1.4190 | 0.7846 |
| | 1.5333 | 1.5481 | 1.5405 | 1.5114 | 1.3889 | 1.4057 | 1.3554 | 2.2046 |
| 9 | 1.2911 | 1.4827 | 1.3233 | 1.4672 | 1.3562 | 1.4788 | 1.4380 | 0.8092 |
| | 1.5481 | 1.3655 | 1.5292 | 1.3627 | 1.4438 | 1.3139 | 1.3447 | 2.1557 |
| 10 | 1.3142 | 1.3217 | 1.4661 | 1.4327 | 1.4735 | 1.4669 | 1.4497 | 0.7652 |
| | 1.5405 | 1.5352 | 1.3820 | 1.4060 | 1.3495 | 1.3593 | 1.3570 | 2.3010 |
| 11 | 1.2999 | 1.4649 | 1.4300 | 1.4779 | 1.4437 | 1.4267 | 1.4273 | 0.7155 |
| | 1.5114 | 1.3649 | 1.4091 | 1.3644 | 1.3708 | 1.3902 | 1.3903 | 2.5298 |
| 12 | 1.3993 | 1.3556 | 1.4727 | 1.4429 | 1.4141 | 1.4066 | 0.9436 | |
| | 1.3889 | 1.4441 | 1.3503 | 1.3710 | 1.3740 | 1.3800 | 1.8871 | |
| 13 | 1.3763 | 1.4784 | 1.4665 | 1.4260 | 1.4059 | 0.9842 | 0.5518 | |
| | 1.4057 | 1.3143 | 1.3598 | 1.3909 | 1.3806 | 1.9426 | 3.2079 | |
| 14 | 1.4190 | 1.4376 | 1.4493 | 1.4265 | 0.9427 | 0.5401 | | |
| | 1.3554 | 1.3451 | 1.3575 | 1.3912 | 1.8887 | 3.2490 | | |
| 15 | 0.7846 | 0.8091 | 0.7648 | 0.7150 | F-SUB-Q | | | |
| | 2.2046 | 2.1559 | 2.3021 | 2.5314 | 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 | 1.3819 | 1.3628 | 1.3713 | 1.3365 | 1.4987 | 1.4607 | 1.5268 | 0.7950 |
| | 1.4667 | 1.4950 | 1.3842 | 1.4899 | 1.3132 | 1.3407 | 1.2753 | 2.2040 |
| 9 | 1.3628 | 1.5782 | 1.3908 | 1.5567 | 1.4295 | 1.5857 | 1.5520 | 0.8221 |
| | 1.4950 | 1.3026 | 1.4793 | 1.3080 | 1.3900 | 1.2378 | 1.2630 | 2.1494 |
| 10 | 1.3713 | 1.3884 | 1.5616 | 1.5040 | 1.5811 | 1.5713 | 1.5688 | 0.7833 |
| | 1.3842 | 1.4846 | 1.3149 | 1.3579 | 1.2738 | 1.2848 | 1.2695 | 2.2839 |
| 11 | 1.3365 | 1.5478 | 1.5007 | 1.5791 | 1.5329 | 1.5396 | 1.5378 | 0.7356 |
| | 1.4899 | 1.3110 | 1.3615 | 1.2883 | 1.3053 | 1.3093 | 1.3104 | 2.4922 |
| 12 | 1.4987 | 1.4289 | 1.5802 | 1.5325 | 1.5261 | 1.5213 | 0.9630 | |
| | 1.3132 | 1.3904 | 1.2746 | 1.3056 | 1.2998 | 1.3025 | 1.8829 | |
| 13 | 1.4607 | 1.5852 | 1.5708 | 1.5387 | 1.5206 | 1.0374 | 0.5653 | |
| | 1.3407 | 1.2381 | 1.2853 | 1.3100 | 1.3032 | 1.8866 | 3.1966 | |
| 14 | 1.5268 | 1.5516 | 1.5683 | 1.5368 | 0.9624 | 0.5531 | | |
| | 1.2753 | 1.2633 | 1.2700 | 1.3113 | 1.8838 | 3.2396 | | |
| 15 | 0.7950 | 0.8220 | 0.7828 | 0.7351 | F-SUB-Q | | | |
| | 2.2040 | 2.1496 | 2.2855 | 2.4940 | 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 | 1.3958 | 1.3735 | 1.3891 | 1.3394 | 1.5305 | 1.4832 | 1.5705 | 0.7997 |
| | 1.4811 | 1.5119 | 1.5047 | 1.5092 | 1.3046 | 1.3396 | 1.2575 | 2.2245 |
| 9 | 1.3735 | 1.6049 | 1.3996 | 1.5826 | 1.4445 | 1.6195 | 1.5994 | 0.8305 |
| | 1.5119 | 1.3034 | 1.4929 | 1.3038 | 1.3972 | 1.2252 | 1.2434 | 2.1599 |
| 10 | 1.3891 | 1.3969 | 1.5798 | 1.5248 | 1.6189 | 1.6038 | 1.6182 | 0.7920 |
| | 1.5047 | 1.4994 | 1.3184 | 1.3598 | 1.2618 | 1.2760 | 1.2474 | 2.2917 |
| 11 | 1.3394 | 1.5742 | 1.5211 | 1.6107 | 1.5648 | 1.5868 | 1.5899 | 0.7458 |
| | 1.5092 | 1.3064 | 1.3635 | 1.2771 | 1.3032 | 1.2937 | 1.2898 | 2.4919 |
| 12 | 1.5305 | 1.4438 | 1.6178 | 1.5644 | 1.5595 | 1.5704 | 0.9802 | |
| | 1.3046 | 1.3976 | 1.2627 | 1.3035 | 1.2976 | 1.2872 | 1.8870 | |
| 13 | 1.4832 | 1.6191 | 1.6032 | 1.5858 | 1.5696 | 1.0618 | 0.5705 | |
| | 1.3396 | 1.2256 | 1.2765 | 1.2944 | 1.2879 | 1.8838 | 3.2382 | |
| 14 | 1.5705 | 1.5989 | 1.6177 | 1.5888 | 0.9797 | 0.5582 | | |
| | 1.2575 | 1.2438 | 1.2479 | 1.2907 | 1.8877 | 3.2815 | | |
| 15 | 0.7997 | 0.8305 | 0.7914 | 0.7452 | F-SUB-Q | | | |
| | 2.2245 | 2.1602 | 2.2934 | 2.4938 | 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 | 1.3904 | 1.3672 | 1.3873 | 1.3335 | 1.5377 | 1.4881 | 1.5873 | 0.8019 |
| | 1.5114 | 1.5434 | 1.5284 | 1.5413 | 1.3197 | 1.3576 | 1.2648 | 2.2571 |
| 9 | 1.3672 | 1.6053 | 1.3937 | 1.5843 | 1.4446 | 1.6339 | 1.6192 | 0.8342 |
| | 1.5434 | 1.3211 | 1.5189 | 1.3188 | 1.4216 | 1.2341 | 1.2489 | 2.1875 |
| 10 | 1.3873 | 1.3908 | 1.5781 | 1.5287 | 1.6299 | 1.6145 | 1.6388 | 0.7967 |
| | 1.5284 | 1.5222 | 1.3363 | 1.3760 | 1.2723 | 1.2836 | 1.2499 | 2.3141 |
| 11 | 1.3335 | 1.5800 | 1.5247 | 1.6164 | 1.5752 | 1.6064 | 1.6140 | 0.7512 |
| | 1.5413 | 1.3216 | 1.3796 | 1.2889 | 1.3188 | 1.2994 | 1.2891 | 2.5086 |
| 12 | 1.5377 | 1.4437 | 1.6287 | 1.5748 | 1.5702 | 1.5906 | 0.9923 | |
| | 1.3197 | 1.4221 | 1.2733 | 1.3191 | 1.3145 | 1.2970 | 1.8993 | |
| 13 | 1.4881 | 1.6334 | 1.6137 | 1.6053 | 1.5897 | 1.0728 | 0.5736 | |
| | 1.3576 | 1.2345 | 1.2842 | 1.3003 | 1.2978 | 1.9086 | 3.2953 | |
| 14 | 1.5873 | 1.6185 | 1.6381 | 1.6127 | 0.9918 | 0.5609 | | |
| | 1.2648 | 1.2493 | 1.2505 | 1.2902 | 1.9002 | 3.3414 | | |
| 15 | 0.8019 | 0.8341 | 0.7961 | 0.7505 | F-SUB-Q | | | |
| | 2.2571 | 2.1878 | 2.3159 | 2.5107 | 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 | 1.3931 | 1.3686 | 1.3960 | 1.3367 | 1.5576 | 1.5020 | 1.6153 | 0.8000 |
| | 1.5320 | 1.5637 | 1.5341 | 1.5667 | 1.3279 | 1.3703 | 1.2671 | 2.3086 |
| 9 | 1.3686 | 1.6182 | 1.3968 | 1.6008 | 1.4532 | 1.6576 | 1.6494 | 0.8332 |
| | 1.5637 | 1.3221 | 1.5320 | 1.3258 | 1.4409 | 1.2396 | 1.2497 | 2.2343 |
| 10 | 1.3960 | 1.3937 | 1.5874 | 1.5416 | 1.6539 | 1.6346 | 1.6702 | 0.7964 |
| | 1.5341 | 1.5355 | 1.3435 | 1.3803 | 1.2753 | 1.2860 | 1.2468 | 2.3552 |
| 11 | 1.3367 | 1.5972 | 1.5373 | 1.6382 | 1.5939 | 1.6363 | 1.6458 | 0.7505 |
| | 1.5667 | 1.3288 | 1.3842 | 1.2908 | 1.3254 | 1.2896 | 1.2759 | 2.5411 |
| 12 | 1.5576 | 1.4523 | 1.6526 | 1.5935 | 1.5896 | 1.6190 | 0.9933 | |
| | 1.3279 | 1.4414 | 1.2764 | 1.3258 | 1.3228 | 1.2983 | 1.9271 | |
| 13 | 1.5020 | 1.6570 | 1.6335 | 1.6350 | 1.6181 | 1.0785 | 0.5713 | |
| | 1.3703 | 1.2401 | 1.2867 | 1.2906 | 1.2991 | 1.9348 | 3.3729 | |
| 14 | 1.6153 | 1.6485 | 1.6693 | 1.6444 | 0.9928 | 0.5578 | | |
| | 1.2671 | 1.2503 | 1.2475 | 1.2771 | 1.9279 | 3.4253 | | |
| 15 | 0.8000 | 0.8330 | 0.7957 | 0.7497 | F-SUB-Q | | | |
| | 2.3086 | 2.2347 | 2.3573 | 2.5434 | 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 | 1.3894 | 1.3638 | 1.3948 | 1.3342 | 1.5657 | 1.5085 | 1.6302 | 0.7984 |
| | 1.5597 | 1.5941 | 1.5619 | 1.6030 | 1.3504 | 1.3930 | 1.2839 | 2.3670 |
| 9 | 1.3638 | 1.6193 | 1.3938 | 1.6066 | 1.4551 | 1.6712 | 1.6662 | 0.8320 |
| | 1.5941 | 1.3447 | 1.5625 | 1.3414 | 1.4690 | 1.2567 | 1.2635 | 2.2888 |
| 10 | 1.3948 | 1.3906 | 1.5886 | 1.5463 | 1.6676 | 1.6451 | 1.6877 | 0.7962 |
| | 1.5619 | 1.5662 | 1.3646 | 1.3978 | 1.2883 | 1.2974 | 1.2569 | 2.4019 |
| 11 | 1.3342 | 1.6028 | 1.5417 | 1.6502 | 1.6029 | 1.6524 | 1.6639 | 0.7502 |
| | 1.6030 | 1.3445 | 1.4019 | 1.2993 | 1.3368 | 1.2981 | 1.2833 | 2.5747 |
| 12 | 1.5657 | 1.4541 | 1.6662 | 1.6024 | 1.5993 | 1.6339 | 0.9953 | |
| | 1.3504 | 1.4701 | 1.2895 | 1.3372 | 1.3333 | 1.3040 | 1.9508 | |
| 13 | 1.5085 | 1.6705 | 1.6438 | 1.6510 | 1.6329 | 1.0813 | 0.5699 | |
| | 1.3930 | 1.2573 | 1.2983 | 1.2992 | 1.3049 | 1.9608 | 3.4259 | |
| 14 | 1.6302 | 1.6652 | 1.6867 | 1.6623 | 0.9948 | 0.5558 | | |
| | 1.2839 | 1.2642 | 1.2577 | 1.2845 | 1.9516 | 3.4831 | | |
| 15 | 0.7984 | 0.8318 | 0.7954 | 0.7493 | F-SUB-Q | | | |
| | 2.3670 | 2.2893 | 2.4041 | 2.5772 | 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 | 1.3897 | 1.3627 | 1.3987 | 1.3352 | 1.5797 | 1.5182 | 1.6494 | 0.7963 |
| | 1.6047 | 1.6384 | 1.5885 | 1.6412 | 1.3736 | 1.4191 | 1.3027 | 2.4370 |
| 9 | 1.3627 | 1.6264 | 1.3947 | 1.6176 | 1.4605 | 1.6884 | 1.6868 | 0.8289 |
| | 1.6384 | 1.3657 | 1.5903 | 1.3599 | 1.4978 | 1.2762 | 1.2793 | 2.3582 |
| 10 | 1.3987 | 1.3913 | 1.5943 | 1.5545 | 1.6854 | 1.6590 | 1.7091 | 0.7951 |
| | 1.5885 | 1.5942 | 1.3859 | 1.4174 | 1.3035 | 1.3123 | 1.2686 | 2.4600 |
| 11 | 1.3352 | 1.6136 | 1.5497 | 1.6666 | 1.6150 | 1.6724 | 1.6846 | 0.7476 |
| | 1.6412 | 1.3632 | 1.4218 | 1.3195 | 1.3613 | 1.3125 | 1.2942 | 2.6319 |
| 12 | 1.5797 | 1.4594 | 1.6838 | 1.6146 | 1.6118 | 1.6522 | 0.9946 | |
| | 1.3736 | 1.4989 | 1.3048 | 1.3617 | 1.3592 | 1.3227 | 2.0007 | |
| 13 | 1.5182 | 1.6875 | 1.6575 | 1.6709 | 1.6511 | 1.0823 | 0.5676 | |
| | 1.4191 | 1.2769 | 1.3134 | 1.3137 | 1.3236 | 2.0088 | 3.5211 | |
| 14 | 1.6494 | 1.6856 | 1.7078 | 1.6829 | 0.9940 | 0.5529 | | |
| | 1.3027 | 1.2801 | 1.2696 | 1.2955 | 2.0015 | 3.5843 | | |
| 15 | 0.7963 | 0.8287 | 0.7943 | 0.7467 | F-SUB-Q | | | |
| | 2.4370 | 2.3588 | 2.4624 | 2.6347 | 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 | 1.3700 | 1.3428 | 1.3742 | 1.3179 | 1.5596 | 1.5076 | 1.6334 | 0.7975 |
| | 1.6722 | 1.7038 | 1.6559 | 1.7108 | 1.4338 | 1.4735 | 1.3560 | 2.5095 |
| 9 | 1.3428 | 1.6001 | 1.3760 | 1.5963 | 1.4459 | 1.6776 | 1.6725 | 0.8324 |
| | 1.7038 | 1.4217 | 1.6534 | 1.4153 | 1.5553 | 1.3233 | 1.3283 | 2.4203 |
| 10 | 1.3742 | 1.3726 | 1.5756 | 1.5391 | 1.6690 | 1.6467 | 1.6944 | 0.7974 |
| | 1.6559 | 1.6575 | 1.4390 | 1.4694 | 1.3478 | 1.3572 | 1.3141 | 2.5198 |
| 11 | 1.3179 | 1.5922 | 1.5341 | 1.6494 | 1.6019 | 1.6566 | 1.6714 | 0.7517 |
| | 1.7108 | 1.4189 | 1.4741 | 1.3706 | 1.4109 | 1.3550 | 1.3350 | 2.6842 |
| 12 | 1.5596 | 1.4447 | 1.6672 | 1.6015 | 1.5992 | 1.6369 | 1.0035 | |
| | 1.4338 | 1.5565 | 1.3491 | 1.4113 | 1.4128 | 1.3753 | 2.0324 | |
| 13 | 1.5076 | 1.6766 | 1.6450 | 1.6549 | 1.6358 | 1.0838 | 0.5707 | |
| | 1.4735 | 1.3241 | 1.3585 | 1.3563 | 1.3763 | 2.0729 | 3.6057 | |
| 14 | 1.6334 | 1.6711 | 1.6929 | 1.6695 | 1.0027 | 0.5560 | | |
| | 1.3560 | 1.3292 | 1.3151 | 1.3365 | 2.0336 | 3.6693 | | |
| 15 | 0.7975 | 0.8322 | 0.7965 | 0.7507 | F-SUB-Q | | | |
| | 2.5095 | 2.4209 | 2.5224 | 2.6873 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 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 | 1.3794 | 1.3505 | 1.3906 | 1.3269 | 1.5879 | 1.5291 | 1.6672 | 0.7925 |
| | 1.7101 | 1.7453 | 1.6883 | 1.7563 | 1.4579 | 1.5050 | 1.3757 | 2.6137 |
| 9 | 1.3505 | 1.6220 | 1.3859 | 1.6208 | 1.4596 | 1.7066 | 1.7074 | 0.8264 |
| | 1.7453 | 1.4473 | 1.6952 | 1.4390 | 1.5920 | 1.3464 | 1.3455 | 2.5230 |
| 10 | 1.3906 | 1.3823 | 1.5925 | 1.5575 | 1.7004 | 1.6728 | 1.7305 | 0.7931 |
| | 1.6883 | 1.6997 | 1.4706 | 1.5002 | 1.3643 | 1.3783 | 1.3283 | 2.6144 |
| 11 | 1.3269 | 1.6164 | 1.5522 | 1.6794 | 1.6241 | 1.6909 | 1.7051 | 0.7461 |
| | 1.7563 | 1.4428 | 1.5052 | 1.3848 | 1.4322 | 1.3690 | 1.3497 | 2.7884 |
| 12 | 1.5879 | 1.4583 | 1.6986 | 1.6237 | 1.6221 | 1.6682 | 0.9957 | |
| | 1.4579 | 1.5933 | 1.3657 | 1.4326 | 1.4319 | 1.3872 | 2.1069 | |
| 13 | 1.5291 | 1.7055 | 1.6709 | 1.6891 | 1.6669 | 1.0836 | 0.5646 | |
| | 1.5050 | 1.3473 | 1.3798 | 1.3704 | 1.3882 | 2.1272 | 3.7346 | |
| 14 | 1.6672 | 1.7059 | 1.7289 | 1.7031 | 0.9950 | 0.5490 | | |
| | 1.3757 | 1.3466 | 1.3295 | 1.3512 | 2.1080 | 3.8079 | | |
| 15 | 0.7925 | 0.8261 | 0.7922 | 0.7451 | F-SUB-Q | | | |
| | 2.6137 | 2.5237 | 2.6173 | 2.7918 | 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 | 1.3749 | 1.3451 | 1.3872 | 1.3232 | 1.5923 | 1.5346 | 1.6762 | 0.7907 |
| | 1.7788 | 1.8169 | 1.7526 | 1.8282 | 1.5113 | 1.5595 | 1.4224 | 2.7216 |
| 9 | 1.3451 | 1.6203 | 1.3820 | 1.6224 | 1.4592 | 1.7157 | 1.7177 | 0.8253 |
| | 1.8169 | 1.5013 | 1.7616 | 1.4899 | 1.6533 | 1.3920 | 1.3884 | 2.6241 |
| 10 | 1.3872 | 1.3783 | 1.5915 | 1.5590 | 1.7076 | 1.6805 | 1.7411 | 0.7922 |
| | 1.7526 | 1.7664 | 1.5251 | 1.5530 | 1.4090 | 1.4233 | 1.3697 | 2.7138 |
| 11 | 1.3232 | 1.6179 | 1.5536 | 1.6853 | 1.6283 | 1.7003 | 1.7154 | 0.7452 |
| | 1.8282 | 1.4939 | 1.5583 | 1.4299 | 1.4808 | 1.4118 | 1.3907 | 2.8881 |
| 12 | 1.5923 | 1.4578 | 1.7056 | 1.6278 | 1.6268 | 1.6760 | 0.9961 | |
| | 1.5113 | 1.6547 | 1.4106 | 1.4811 | 1.4792 | 1.4301 | 2.1816 | |
| 13 | 1.5346 | 1.7143 | 1.6784 | 1.6982 | 1.6747 | 1.0840 | 0.5631 | |
| | 1.5595 | 1.3930 | 1.4250 | 1.4134 | 1.4312 | 2.1994 | 3.8698 | |
| 14 | 1.6762 | 1.7159 | 1.7393 | 1.7132 | 0.9954 | 0.5471 | | |
| | 1.4224 | 1.3897 | 1.3710 | 1.3924 | 2.1827 | 3.9491 | | |
| 15 | 0.7907 | 0.8250 | 0.7911 | 0.7441 | F-SUB-Q | | | |
| | 2.7216 | 2.6249 | 2.7170 | 2.8918 | 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 | 1.3578 | 1.3278 | 1.3664 | 1.3079 | 1.5752 | 1.5259 | 1.6631 | 0.7906 |
| | 1.7646 | 1.7981 | 1.7377 | 1.8109 | 1.5075 | 1.5572 | 1.4285 | 2.7146 |
| 9 | 1.3278 | 1.5979 | 1.3658 | 1.6041 | 1.4462 | 1.7073 | 1.7059 | 0.8270 |
| | 1.7981 | 1.4906 | 1.7424 | 1.4852 | 1.6462 | 1.3959 | 1.3983 | 2.6126 |
| 10 | 1.3664 | 1.3620 | 1.5751 | 1.5457 | 1.6936 | 1.6714 | 1.7291 | 0.7932 |
| | 1.7377 | 1.7471 | 1.5172 | 1.5447 | 1.4167 | 1.4311 | 1.3810 | 2.7127 |
| 11 | 1.3079 | 1.5995 | 1.5400 | 1.6706 | 1.6169 | 1.6874 | 1.7045 | 0.7468 |
| | 1.8109 | 1.4893 | 1.5502 | 1.4443 | 1.4937 | 1.4233 | 1.4062 | 2.8918 |
| 12 | 1.5752 | 1.4448 | 1.6915 | 1.6165 | 1.6160 | 1.6630 | 1.0023 | |
| | 1.5075 | 1.6477 | 1.4184 | 1.4941 | 1.4999 | 1.4523 | 2.1770 | |
| 13 | 1.5259 | 1.7058 | 1.6691 | 1.6852 | 1.6616 | 1.0843 | 0.5648 | |
| | 1.5572 | 1.3970 | 1.4331 | 1.4250 | 1.4535 | 2.2219 | 3.9039 | |
| 14 | 1.6631 | 1.7040 | 1.7271 | 1.7021 | 1.0014 | 0.5488 | | |
| | 1.4285 | 1.3998 | 1.3825 | 1.4081 | 2.1787 | 3.9831 | | |
| 15 | 0.7906 | 0.8267 | 0.7921 | 0.7456 | F-SUB-Q | | | |
| | 2.7146 | 2.6136 | 2.7163 | 2.8961 | 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 | 1.3651 | 1.3334 | 1.3801 | 1.3143 | 1.6000 | 1.5449 | 1.6940 | 0.7844 |
| | 1.7118 | 1.7464 | 1.6769 | 1.7583 | 1.4489 | 1.5015 | 1.3690 | 2.6678 |
| 9 | 1.3334 | 1.6165 | 1.3733 | 1.6250 | 1.4567 | 1.7336 | 1.7381 | 0.8193 |
| | 1.7464 | 1.4374 | 1.6906 | 1.4305 | 1.5949 | 1.3416 | 1.3390 | 2.5713 |
| 10 | 1.3801 | 1.3694 | 1.5887 | 1.5610 | 1.7218 | 1.6954 | 1.7624 | 0.7878 |
| | 1.6769 | 1.6953 | 1.4674 | 1.4920 | 1.3585 | 1.3761 | 1.3216 | 2.6629 |
| 11 | 1.3143 | 1.6201 | 1.5550 | 1.6973 | 1.6358 | 1.7190 | 1.7353 | 0.7399 |
| | 1.7583 | 1.4346 | 1.4976 | 1.3852 | 1.4385 | 1.3615 | 1.3460 | 2.8442 |
| 12 | 1.6000 | 1.4552 | 1.7195 | 1.6354 | 1.6361 | 1.6910 | 0.9931 | |
| | 1.4489 | 1.5965 | 1.3602 | 1.4389 | 1.4433 | 1.3909 | 2.1397 | |
| 13 | 1.5449 | 1.7320 | 1.6928 | 1.7167 | 1.6895 | 1.0821 | 0.5580 | |
| | 1.5015 | 1.3428 | 1.3782 | 1.3633 | 1.3921 | 2.1669 | 3.8424 | |
| 14 | 1.6940 | 1.7360 | 1.7602 | 1.7327 | 0.9923 | 0.5411 | | |
| | 1.3690 | 1.3405 | 1.3232 | 1.3479 | 2.1412 | 3.9278 | | |
| 15 | 0.7844 | 0.8189 | 0.7867 | 0.7387 | F-SUB-Q | | | |
| | 2.6678 | 2.5723 | 2.6667 | 2.8487 | 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 | 1.3628 | 1.3303 | 1.3799 | 1.3121 | 1.6074 | 1.5526 | 1.7068 | 0.7808 |
| | 1.6557 | 1.6886 | 1.6181 | 1.6996 | 1.3941 | 1.4452 | 1.3144 | 2.5869 |
| 9 | 1.3303 | 1.6185 | 1.3716 | 1.6296 | 1.4574 | 1.7456 | 1.7521 | 0.8157 |
| | 1.6886 | 1.3849 | 1.6329 | 1.3779 | 1.5409 | 1.2901 | 1.2857 | 2.4928 |
| 10 | 1.3799 | 1.3675 | 1.5899 | 1.5645 | 1.7321 | 1.7057 | 1.7770 | 0.7852 |
| | 1.6181 | 1.6376 | 1.4169 | 1.4388 | 1.3069 | 1.3246 | 1.2688 | 2.5774 |
| 11 | 1.3122 | 1.6246 | 1.5583 | 1.7063 | 1.6420 | 1.7323 | 1.7491 | 0.7359 |
| | 1.6996 | 1.3820 | 1.4443 | 1.3344 | 1.3885 | 1.3080 | 1.2921 | 2.7575 |
| 12 | 1.6074 | 1.4558 | 1.7297 | 1.6415 | 1.6430 | 1.7019 | 0.9904 | |
| | 1.3941 | 1.5425 | 1.3086 | 1.3889 | 1.3938 | 1.3384 | 2.0711 | |
| 13 | 1.5526 | 1.7438 | 1.7027 | 1.7298 | 1.7003 | 1.0802 | 0.5546 | |
| | 1.4452 | 1.2913 | 1.3267 | 1.3098 | 1.3396 | 2.0976 | 3.7232 | |
| 14 | 1.7068 | 1.7498 | 1.7746 | 1.7463 | 0.9896 | 0.5373 | | |
| | 1.3144 | 1.2872 | 1.2704 | 1.2941 | 2.0725 | 3.8103 | | |
| 15 | 0.7808 | 0.8153 | 0.7840 | 0.7346 | F-SUB-Q | | | |
| | 2.5869 | 2.4939 | 2.5812 | 2.7621 | 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 | 1.3568 | 1.3236 | 1.3742 | 1.3065 | 1.6066 | 1.5540 | 1.7099 | 0.7798 |
| | 1.6100 | 1.6429 | 1.5737 | 1.6536 | 1.3509 | 1.3982 | 1.2705 | 2.5097 |
| 9 | 1.3236 | 1.6135 | 1.3659 | 1.6272 | 1.4541 | 1.7499 | 1.7563 | 0.8158 |
| | 1.6429 | 1.3451 | 1.5877 | 1.3363 | 1.4955 | 1.2458 | 1.2414 | 2.4148 |
| 10 | 1.3742 | 1.3617 | 1.5861 | 1.5627 | 1.7338 | 1.7085 | 1.7816 | 0.7849 |
| | 1.5737 | 1.5924 | 1.3749 | 1.3944 | 1.2632 | 1.2797 | 1.2249 | 2.4967 |
| 11 | 1.3065 | 1.6221 | 1.5564 | 1.7073 | 1.6421 | 1.7356 | 1.7531 | 0.7370 |
| | 1.6536 | 1.3404 | 1.3999 | 1.2900 | 1.3428 | 1.2627 | 1.2467 | 2.6652 |
| 12 | 1.6066 | 1.4525 | 1.7313 | 1.6417 | 1.6435 | 1.7040 | 0.9921 | |
| | 1.3509 | 1.4971 | 1.2650 | 1.3432 | 1.3475 | 1.2925 | 1.9995 | |
| 13 | 1.5540 | 1.7480 | 1.7054 | 1.7330 | 1.7023 | 1.0814 | 0.5540 | |
| | 1.3982 | 1.2471 | 1.2820 | 1.2646 | 1.2936 | 2.0256 | 3.6044 | |
| 14 | 1.7099 | 1.7539 | 1.7789 | 1.7502 | 0.9912 | 0.5366 | | |
| | 1.2705 | 1.2430 | 1.2265 | 1.2487 | 2.0010 | 3.6898 | | |
| 15 | 0.7798 | 0.8154 | 0.7836 | 0.7356 | F-SUB-Q | | | |
| | 2.5097 | 2.4159 | 2.5006 | 2.6699 | 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 | 1.3453 | 1.3120 | 1.3592 | 1.2959 | 1.5935 | 1.5479 | 1.6996 | 0.7817 |
| | 1.7023 | 1.7381 | 1.6700 | 1.7505 | 1.4297 | 1.4731 | 1.3413 | 2.6291 |
| 9 | 1.3120 | 1.5973 | 1.3548 | 1.6135 | 1.4448 | 1.7441 | 1.7470 | 0.8197 |
| | 1.7381 | 1.4257 | 1.6799 | 1.4143 | 1.5795 | 1.3113 | 1.3090 | 2.5236 |
| 10 | 1.3592 | 1.3506 | 1.5746 | 1.5535 | 1.7225 | 1.7019 | 1.7720 | 0.7874 |
| | 1.6700 | 1.6850 | 1.4530 | 1.4716 | 1.3330 | 1.3471 | 1.2914 | 2.6118 |
| 11 | 1.2959 | 1.6082 | 1.5470 | 1.6954 | 1.6336 | 1.7254 | 1.7445 | 0.7401 |
| | 1.7505 | 1.4187 | 1.4776 | 1.3610 | 1.4140 | 1.3311 | 1.3128 | 2.7841 |
| 12 | 1.5935 | 1.4431 | 1.7198 | 1.6331 | 1.6351 | 1.6934 | 0.9996 | |
| | 1.4297 | 1.5813 | 1.3349 | 1.4143 | 1.4182 | 1.3617 | 2.0793 | |
| 13 | 1.5479 | 1.7421 | 1.6986 | 1.7227 | 1.6918 | 1.0835 | 0.5565 | |
| | 1.4731 | 1.3127 | 1.3496 | 1.3331 | 1.3629 | 2.1168 | 3.7602 | |
| 14 | 1.6996 | 1.7445 | 1.7692 | 1.7414 | 0.9985 | 0.5392 | | |
| | 1.3413 | 1.3108 | 1.2933 | 1.3149 | 2.0812 | 3.8476 | | |
| 15 | 0.7817 | 0.8193 | 0.7861 | 0.7387 | F-SUB-Q | | | |
| | 2.6291 | 2.5249 | 2.6160 | 2.7892 | 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 | 1.3602 | 1.3251 | 1.3814 | 1.3089 | 1.6259 | 1.5719 | 1.7371 | 0.7766 |
| | 1.6351 | 1.6742 | 1.6013 | 1.6906 | 1.3666 | 1.4145 | 1.2796 | 2.5819 |
| 9 | 1.3251 | 1.6258 | 1.3698 | 1.6427 | 1.4611 | 1.7766 | 1.7854 | 0.8127 |
| | 1.6742 | 1.3645 | 1.6192 | 1.3543 | 1.5229 | 1.2548 | 1.2481 | 2.4832 |
| 10 | 1.3814 | 1.3653 | 1.5962 | 1.5758 | 1.7569 | 1.7310 | 1.8116 | 0.7827 |
| | 1.6013 | 1.6244 | 1.3967 | 1.4138 | 1.2727 | 1.2903 | 1.2306 | 2.5617 |
| 11 | 1.3089 | 1.6372 | 1.5690 | 1.7286 | 1.6580 | 1.7631 | 1.7802 | 0.7326 |
| | 1.6906 | 1.3587 | 1.4198 | 1.2984 | 1.3548 | 1.2680 | 1.2522 | 2.7412 |
| 12 | 1.6259 | 1.4594 | 1.7541 | 1.6575 | 1.6601 | 1.7266 | 0.9902 | |
| | 1.3666 | 1.5246 | 1.2746 | 1.3552 | 1.3559 | 1.2980 | 2.0432 | |
| 13 | 1.5719 | 1.7745 | 1.7274 | 1.7602 | 1.7249 | 1.0816 | 0.5500 | |
| | 1.4145 | 1.2562 | 1.2929 | 1.2700 | 1.2993 | 2.0609 | 3.7028 | |
| 14 | 1.7371 | 1.7827 | 1.8086 | 1.7770 | 0.9893 | 0.5318 | | |
| | 1.2796 | 1.2499 | 1.2325 | 1.2543 | 2.0447 | 3.7968 | | |
| 15 | 0.7766 | 0.8123 | 0.7814 | 0.7311 | F-SUB-Q | | | |
| | 2.5819 | 2.4845 | 2.5661 | 2.7463 | 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 | 1.3645 | 1.3283 | 1.3856 | 1.3123 | 1.6346 | 1.5807 | 1.7476 | 0.7766 |
| | 1.5694 | 1.6109 | 1.5423 | 1.6297 | 1.3136 | 1.3597 | 1.2292 | 2.5007 |
| 9 | 1.3283 | 1.6326 | 1.3744 | 1.6501 | 1.4667 | 1.7893 | 1.7966 | 0.8130 |
| | 1.6109 | 1.3120 | 1.5586 | 1.3021 | 1.4659 | 1.2037 | 1.1979 | 2.4038 |
| 10 | 1.3856 | 1.3699 | 1.6041 | 1.5838 | 1.7658 | 1.7417 | 1.8229 | 0.7829 |
| | 1.5423 | 1.5636 | 1.3419 | 1.3581 | 1.2215 | 1.2383 | 1.1808 | 2.4788 |
| 11 | 1.3123 | 1.6445 | 1.5769 | 1.7375 | 1.6663 | 1.7731 | 1.7888 | 0.7322 |
| | 1.6297 | 1.3064 | 1.3640 | 1.2446 | 1.2987 | 1.2160 | 1.2019 | 2.6537 |
| 12 | 1.6346 | 1.4649 | 1.7630 | 1.6658 | 1.6682 | 1.7344 | 0.9906 | |
| | 1.3136 | 1.4676 | 1.2235 | 1.2990 | 1.2981 | 1.2444 | 1.9708 | |
| 13 | 1.5807 | 1.7871 | 1.7380 | 1.7701 | 1.7326 | 1.0826 | 0.5492 | |
| | 1.3597 | 1.2051 | 1.2408 | 1.2180 | 1.2456 | 1.9844 | 3.5877 | |
| 14 | 1.7476 | 1.7938 | 1.8199 | 1.7855 | 0.9896 | 0.5308 | | |
| | 1.2292 | 1.1997 | 1.1827 | 1.2041 | 1.9723 | 3.6804 | | |
| 15 | 0.7766 | 0.8126 | 0.7815 | 0.7307 | F-SUB-Q | | | |
| | 2.5007 | 2.4051 | 2.4831 | 2.6589 | 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 | 1.3545 | 1.3186 | 1.3669 | 1.3044 | 1.6126 | 1.5703 | 1.7227 | 0.7822 |
| | 1.5330 | 1.5743 | 1.5181 | 1.5923 | 1.2927 | 1.3283 | 1.2100 | 2.4121 |
| 9 | 1.3186 | 1.6111 | 1.3661 | 1.6296 | 1.4590 | 1.7757 | 1.7720 | 0.8210 |
| | 1.5743 | 1.2904 | 1.5224 | 1.2799 | 1.4302 | 1.1764 | 1.1779 | 2.3128 |
| 10 | 1.3669 | 1.3617 | 1.5948 | 1.5736 | 1.7415 | 1.7286 | 1.7970 | 0.7880 |
| | 1.5181 | 1.5273 | 1.3098 | 1.3265 | 1.2010 | 1.2097 | 1.1615 | 2.3915 |
| 11 | 1.3044 | 1.6240 | 1.5667 | 1.7149 | 1.6541 | 1.7466 | 1.7613 | 0.7390 |
| | 1.5923 | 1.2842 | 1.3322 | 1.2221 | 1.2676 | 1.1964 | 1.1830 | 2.5526 |
| 12 | 1.6126 | 1.4572 | 1.7387 | 1.6537 | 1.6550 | 1.7088 | 1.0014 | |
| | 1.2927 | 1.4319 | 1.2029 | 1.2679 | 1.2671 | 1.2233 | 1.8904 | |
| 13 | 1.5703 | 1.7735 | 1.7249 | 1.7436 | 1.7071 | 1.0852 | 0.5545 | |
| | 1.3283 | 1.1778 | 1.2123 | 1.1984 | 1.2246 | 1.9183 | 3.4479 | |
| 14 | 1.7227 | 1.7692 | 1.7940 | 1.7580 | 1.0001 | 0.5368 | | |
| | 1.2100 | 1.1797 | 1.1634 | 1.1851 | 1.8924 | 3.5314 | | |
| 15 | 0.7822 | 0.8205 | 0.7866 | 0.7375 | F-SUB-Q | | | |
| | 2.4121 | 2.3141 | 2.3957 | 2.5576 | 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 | 1.3681 | 1.3326 | 1.3863 | 1.3263 | 1.6311 | 1.5874 | 1.7382 | 0.7807 |
| | 1.4812 | 1.5203 | 1.4614 | 1.5290 | 1.2472 | 1.2819 | 1.1697 | 2.3607 |
| 9 | 1.3326 | 1.6298 | 1.3840 | 1.6501 | 1.4777 | 1.7947 | 1.7863 | 0.8172 |
| | 1.5203 | 1.2449 | 1.4668 | 1.2335 | 1.3781 | 1.1349 | 1.1393 | 2.2694 |
| 10 | 1.3863 | 1.3795 | 1.6167 | 1.5959 | 1.7573 | 1.7479 | 1.8120 | 0.7843 |
| | 1.4614 | 1.4715 | 1.2607 | 1.2760 | 1.1604 | 1.1662 | 1.1229 | 2.3458 |
| 11 | 1.3263 | 1.6445 | 1.5889 | 1.7304 | 1.6731 | 1.7620 | 1.7707 | 0.7326 |
| | 1.5290 | 1.2376 | 1.2815 | 1.1806 | 1.2214 | 1.1557 | 1.1468 | 2.5137 |
| 12 | 1.6311 | 1.4760 | 1.7544 | 1.6726 | 1.6727 | 1.7200 | 0.9915 | |
| | 1.2472 | 1.3797 | 1.1623 | 1.2217 | 1.2218 | 1.1843 | 1.8620 | |
| 13 | 1.5874 | 1.7925 | 1.7442 | 1.7590 | 1.7182 | 1.0783 | 0.5494 | |
| | 1.2819 | 1.1362 | 1.1686 | 1.1576 | 1.1855 | 1.8824 | 3.3970 | |
| 14 | 1.7382 | 1.7835 | 1.8089 | 1.7675 | 0.9903 | 0.5312 | | |
| | 1.1697 | 1.1410 | 1.1247 | 1.1489 | 1.8639 | 3.4840 | | |
| 15 | 0.7807 | 0.8167 | 0.7830 | 0.7311 | F-SUB-Q | | | |
| | 2.3607 | 2.2706 | 2.3499 | 2.5188 | 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 | 1.3260 | 1.3066 | 1.3846 | 1.3352 | 1.5887 | 1.5537 | 1.6951 | 0.7850 |
| | 1.4999 | 1.5218 | 1.2971 | 1.4903 | 1.1988 | 1.2844 | 1.1760 | 2.3053 |
| 9 | 1.3066 | 1.5946 | 1.3597 | 1.6316 | 1.4554 | 1.7451 | 1.7360 | 0.8197 |
| | 1.5218 | 1.2483 | 1.4648 | 1.2235 | 1.3725 | 1.1438 | 1.1490 | 2.2214 |
| 10 | 1.3846 | 1.3563 | 1.5753 | 1.5832 | 1.7199 | 1.7039 | 1.7600 | 0.7815 |
| | 1.2971 | 1.4685 | 1.2693 | 1.2614 | 1.1622 | 1.1724 | 1.1330 | 2.3115 |
| 11 | 1.3352 | 1.6263 | 1.5766 | 1.6827 | 1.6388 | 1.7186 | 1.7304 | 0.7234 |
| | 1.4903 | 1.2274 | 1.2666 | 1.1901 | 1.2219 | 1.1440 | 1.1498 | 2.4997 |
| 12 | 1.5887 | 1.4536 | 1.7171 | 1.6384 | 1.6251 | 1.6771 | 0.9929 | |
| | 1.1988 | 1.3741 | 1.1640 | 1.2222 | 1.2324 | 1.1899 | 1.8238 | |
| 13 | 1.5537 | 1.7431 | 1.7003 | 1.7157 | 1.6754 | 1.0579 | 0.5429 | |
| | 1.2844 | 1.1451 | 1.1749 | 1.1457 | 1.1912 | 1.8818 | 3.3768 | |
| 14 | 1.6951 | 1.7333 | 1.7570 | 1.7272 | 0.9915 | 0.5245 | | |
| | 1.1760 | 1.1507 | 1.1349 | 1.1519 | 1.8262 | 3.4652 | | |
| 15 | 0.7850 | 0.8192 | 0.7802 | 0.7219 | F-SUB-Q | | | |
| | 2.3053 | 2.2226 | 2.3155 | 2.5046 | 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 | 1.1252 | 1.1706 | 1.5099 | 1.2227 | 1.6376 | 1.3424 | 1.6599 | 0.7323 |
| | 1.7436 | 1.6746 | 1.2971 | 1.6050 | 1.1988 | 1.4649 | 1.1817 | 2.4397 |
| 9 | 1.1706 | 1.5322 | 1.1901 | 1.5681 | 1.2908 | 1.5228 | 1.6918 | 0.7629 |
| | 1.6746 | 1.2798 | 1.6484 | 1.2534 | 1.5237 | 1.2912 | 1.1598 | 2.3561 |
| 10 | 1.5099 | 1.1883 | 1.3527 | 1.4288 | 1.6415 | 1.4697 | 1.6727 | 0.7061 |
| | 1.2971 | 1.6509 | 1.4568 | 1.3775 | 1.1988 | 1.3403 | 1.1731 | 2.5257 |
| 11 | 1.2227 | 1.5603 | 1.4231 | 1.6273 | 1.4636 | 1.7174 | 1.5804 | 0.6484 |
| | 1.6050 | 1.2593 | 1.3830 | 1.2103 | 1.3472 | 1.1440 | 1.2402 | 2.7536 |
| 12 | 1.6376 | 1.2887 | 1.6385 | 1.4623 | 1.3623 | 1.5940 | 0.9287 | |
| | 1.1988 | 1.5262 | 1.2009 | 1.3484 | 1.4483 | 1.2319 | 1.9235 | |
| 13 | 1.3424 | 1.5210 | 1.4666 | 1.7148 | 1.5921 | 0.9483 | 0.4864 | |
| | 1.4649 | 1.2927 | 1.3431 | 1.1457 | 1.2334 | 2.0708 | 3.7239 | |
| 14 | 1.6599 | 1.6896 | 1.6700 | 1.5775 | 0.9265 | 0.4705 | | |
| | 1.1817 | 1.1613 | 1.1750 | 1.2424 | 1.9278 | 3.8169 | | |
| 15 | 0.7323 | 0.7623 | 0.7049 | 0.6471 | F-SUB-Q | | | |
| | 2.4397 | 2.3581 | 2.5300 | 2.7589 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.5000 | 0.5362 | 0.6397 | 0.5657 | 0.6782 | 0.5787 | 0.6323 | 0.3267 |
| | 3.8893 | 3.6247 | 3.0353 | 3.4389 | 2.8676 | 3.3660 | 3.0761 | 5.4299 |
| 9 | 0.5362 | 0.6247 | 0.5484 | 0.6661 | 0.5941 | 0.6157 | 0.6395 | 0.3362 |
| | 3.6247 | 3.1103 | 3.5472 | 2.9228 | 3.2799 | 3.1635 | 3.0413 | 5.3075 |
| 10 | 0.6397 | 0.5470 | 0.5657 | 0.6264 | 0.6945 | 0.6123 | 0.6305 | 0.3159 |
| | 3.0353 | 3.5561 | 3.4483 | 3.1114 | 2.8053 | 3.1839 | 3.0857 | 5.6055 |
| 11 | 0.5657 | 0.6640 | 0.6242 | 0.6896 | 0.6207 | 0.6873 | 0.5925 | 0.2825 |
| | 3.4389 | 2.9322 | 3.1226 | 2.8280 | 3.1431 | 2.8336 | 3.2817 | 6.2768 |
| 12 | 0.6782 | 0.5930 | 0.6932 | 0.6200 | 0.5554 | 0.6062 | 0.4110 | |
| | 2.8676 | 3.2860 | 2.8107 | 3.1467 | 3.5152 | 3.2127 | 4.3130 | |
| 13 | 0.5787 | 0.6150 | 0.6111 | 0.6863 | 0.6055 | 0.4279 | 0.2164 | |
| | 3.3660 | 3.1670 | 3.1902 | 2.8379 | 3.2164 | 4.5515 | 8.3152 | |
| 14 | 0.6323 | 0.6390 | 0.6295 | 0.5915 | 0.4100 | 0.2128 | | |
| | 3.0761 | 3.0439 | 3.0906 | 3.2877 | 4.3234 | 8.3843 | | |
| 15 | 0.3267 | 0.3361 | 0.3155 | 0.2820 | F-SUB-Q | | | |
| | 5.4299 | 5.3102 | 5.6134 | 6.2887 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3994 | 0.4536 | 0.5357 | 0.4766 | 0.5427 | 0.4604 | 0.4778 | 0.2701 |
| | 4.2157 | 4.2111 | 3.5665 | 3.9068 | 3.4080 | 3.9900 | 3.8102 | 6.0557 |
| 9 | 0.4536 | 0.5141 | 0.4668 | 0.5442 | 0.4898 | 0.4686 | 0.4804 | 0.2780 |
| | 4.2111 | 3.7277 | 4.0754 | 3.4682 | 3.8389 | 3.9375 | 3.8087 | 5.9372 |
| 10 | 0.5357 | 0.4661 | 0.4704 | 0.5066 | 0.5466 | 0.4773 | 0.4715 | 0.2590 |
| | 3.5665 | 4.0814 | 4.0857 | 3.7754 | 3.5034 | 3.9880 | 3.9737 | 6.4239 |
| 11 | 0.4766 | 0.5433 | 0.5056 | 0.5406 | 0.4848 | 0.5118 | 0.4461 | 0.2346 |
| | 3.9068 | 3.4718 | 3.7832 | 3.5027 | 3.8784 | 3.6617 | 4.2541 | 7.3241 |
| 12 | 0.5427 | 0.4893 | 0.5460 | 0.4844 | 0.4125 | 0.4408 | 0.3245 | |
| | 3.4080 | 3.8411 | 3.5074 | 3.8803 | 4.2485 | 4.0113 | 5.1656 | |
| 13 | 0.4604 | 0.4683 | 0.4770 | 0.5116 | 0.4405 | 0.3240 | 0.1842 | |
| | 3.9899 | 3.9388 | 3.9907 | 3.6637 | 4.0136 | 5.3183 | 8.9953 | |
| 14 | 0.4778 | 0.4803 | 0.4713 | 0.4458 | 0.3241 | 0.1792 | | |
| | 3.8102 | 3.8096 | 3.9756 | 4.2570 | 5.1714 | 9.1528 | | |
| 15 | 0.2701 | 0.2779 | 0.2588 | 0.2344 | F-SUB-Q | | | |
| | 6.0557 | 5.9380 | 6.4270 | 7.3296 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8918 | 0.9636 | 1.1956 | 0.9975 | 1.2164 | 1.0052 | 1.1607 | 0.6083 |
| | 2.0760 | 2.0247 | 1.6301 | 1.9073 | 1.5567 | 1.8667 | 1.6034 | 2.7497 |
| 9 | 0.9636 | 1.1844 | 0.9790 | 1.2034 | 1.0229 | 1.0803 | 1.1693 | 0.6258 |
| | 2.0247 | 1.6506 | 1.9896 | 1.6006 | 1.8717 | 1.7371 | 1.5990 | 2.6959 |
| 10 | 1.1956 | 0.9777 | 1.0607 | 1.0908 | 1.2078 | 1.0801 | 1.1537 | 0.5808 |
| | 1.6301 | 1.9927 | 1.8512 | 1.7914 | 1.6106 | 1.7971 | 1.6567 | 2.9261 |
| 11 | 0.9975 | 1.2013 | 1.0888 | 1.2017 | 1.0898 | 1.1866 | 1.1001 | 0.5385 |
| | 1.9073 | 1.6031 | 1.7951 | 1.6044 | 1.7597 | 1.6103 | 1.7441 | 3.2569 |
| 12 | 1.2164 | 1.0221 | 1.2067 | 1.0893 | 0.9772 | 1.1102 | 0.7276 | |
| | 1.5567 | 1.8724 | 1.6118 | 1.7605 | 1.8565 | 1.6668 | 2.3519 | |
| 13 | 1.0052 | 1.0800 | 1.0797 | 1.1860 | 1.1096 | 0.7243 | 0.4191 | |
| | 1.8667 | 1.7376 | 1.7981 | 1.6111 | 1.6676 | 2.5045 | 4.0522 | |
| 14 | 1.1607 | 1.1691 | 1.1533 | 1.0994 | 0.7267 | 0.4073 | | |
| | 1.6034 | 1.5993 | 1.6574 | 1.7452 | 2.3546 | 4.1281 | | |
| 15 | 0.6083 | 0.6258 | 0.5805 | 0.5381 | F-SUB-Q | | | |
| | 2.7497 | 2.6961 | 2.9275 | 3.2590 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1104 | 1.1329 | 1.2250 | 1.1655 | 1.2897 | 1.2081 | 1.2842 | 0.7137 |
| | 1.7640 | 1.7532 | 1.6155 | 1.6599 | 1.4824 | 1.5772 | 1.4721 | 2.3797 |
| 9 | 1.1329 | 1.3211 | 1.1508 | 1.3283 | 1.1996 | 1.3007 | 1.3041 | 0.7368 |
| | 1.7532 | 1.5103 | 1.7230 | 1.4801 | 1.6179 | 1.4645 | 1.4617 | 2.3248 |
| 10 | 1.2250 | 1.1494 | 1.2743 | 1.2743 | 1.3311 | 1.2972 | 1.3039 | 0.6929 |
| | 1.6155 | 1.7293 | 1.5658 | 1.5582 | 1.4787 | 1.5150 | 1.4901 | 2.4900 |
| 11 | 1.1655 | 1.3262 | 1.2718 | 1.3297 | 1.2906 | 1.3205 | 1.2946 | 0.6491 |
| | 1.6599 | 1.4809 | 1.5618 | 1.4814 | 1.5150 | 1.4728 | 1.5062 | 2.7427 |
| 12 | 1.2897 | 1.1985 | 1.3298 | 1.2898 | 1.2504 | 1.2790 | 0.8586 | |
| | 1.4824 | 1.6183 | 1.4795 | 1.5159 | 1.5305 | 1.4940 | 2.0316 | |
| 13 | 1.2081 | 1.3004 | 1.2967 | 1.3198 | 1.2784 | 0.8897 | 0.5027 | |
| | 1.5772 | 1.4649 | 1.5157 | 1.4736 | 1.4947 | 2.1164 | 3.4548 | |
| 14 | 1.2842 | 1.3038 | 1.3034 | 1.2938 | 0.8574 | 0.4922 | | |
| | 1.4721 | 1.4620 | 1.4906 | 1.5071 | 2.0341 | 3.4936 | | |
| 15 | 0.7137 | 0.7367 | 0.6926 | 0.6486 | F-SUB-Q | | | |
| | 2.3797 | 2.3251 | 2.4912 | 2.7445 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2238 | 1.2340 | 1.3520 | 1.2626 | 1.4402 | 1.3318 | 1.4497 | 0.7629 |
| | 1.6397 | 1.6428 | 1.4939 | 1.5572 | 1.3480 | 1.4524 | 1.3235 | 2.2610 |
| 9 | 1.2340 | 1.4705 | 1.2576 | 1.4729 | 1.3055 | 1.4549 | 1.4759 | 0.7894 |
| | 1.6428 | 1.3827 | 1.6070 | 1.3574 | 1.5026 | 1.3289 | 1.3119 | 2.2039 |
| 10 | 1.3520 | 1.2558 | 1.4032 | 1.3948 | 1.4918 | 1.4420 | 1.4797 | 0.7445 |
| | 1.4939 | 1.6140 | 1.4444 | 1.4469 | 1.3395 | 1.3821 | 1.3336 | 2.3593 |
| 11 | 1.2626 | 1.4703 | 1.3917 | 1.4816 | 1.4253 | 1.4994 | 1.4680 | 0.7001 |
| | 1.5572 | 1.3596 | 1.4505 | 1.3535 | 1.3964 | 1.3222 | 1.3526 | 2.5799 |
| 12 | 1.4402 | 1.3047 | 1.4909 | 1.4244 | 1.3968 | 1.4508 | 0.9235 | |
| | 1.3480 | 1.5030 | 1.3404 | 1.3967 | 1.4026 | 1.3477 | 1.9285 | |
| 13 | 1.3318 | 1.4545 | 1.4414 | 1.4985 | 1.4501 | 0.9814 | 0.5380 | |
| | 1.4524 | 1.3293 | 1.3826 | 1.3230 | 1.3483 | 1.9683 | 3.3033 | |
| 14 | 1.4497 | 1.4754 | 1.4791 | 1.4671 | 0.9230 | 0.5268 | | |
| | 1.3235 | 1.3123 | 1.3341 | 1.3535 | 1.9295 | 3.3407 | | |
| 15 | 0.7629 | 0.7893 | 0.7440 | 0.6996 | F-SUB-Q | | | |
| | 2.2610 | 2.2041 | 2.3606 | 2.5817 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2713 | 1.2826 | 1.4223 | 1.3128 | 1.5245 | 1.3942 | 1.5422 | 0.7974 |
| | 1.6162 | 1.6164 | 1.4469 | 1.5254 | 1.2966 | 1.4122 | 1.2661 | 2.2033 |
| 9 | 1.2826 | 1.5455 | 1.3061 | 1.5528 | 1.3614 | 1.5369 | 1.5728 | 0.8284 |
| | 1.6164 | 1.3435 | 1.5768 | 1.3106 | 1.4684 | 1.2798 | 1.2527 | 2.1388 |
| 10 | 1.4223 | 1.3041 | 1.4608 | 1.4598 | 1.5869 | 1.5167 | 1.5794 | 0.7807 |
| | 1.4469 | 1.5838 | 1.4117 | 1.4070 | 1.2866 | 1.3320 | 1.2709 | 2.2904 |
| 11 | 1.3128 | 1.5498 | 1.4562 | 1.5677 | 1.4986 | 1.6042 | 1.5724 | 0.7362 |
| | 1.5254 | 1.3130 | 1.4106 | 1.3047 | 1.3573 | 1.2630 | 1.2895 | 2.4931 |
| 12 | 1.5245 | 1.3605 | 1.5858 | 1.4975 | 1.4703 | 1.5491 | 0.9750 | |
| | 1.2966 | 1.4687 | 1.2875 | 1.3576 | 1.3641 | 1.2913 | 1.8689 | |
| 13 | 1.3942 | 1.5364 | 1.5160 | 1.6032 | 1.5483 | 1.0383 | 0.5626 | |
| | 1.4122 | 1.2802 | 1.3326 | 1.2638 | 1.2920 | 1.9067 | 3.2388 | |
| 14 | 1.5422 | 1.5723 | 1.5787 | 1.5713 | 0.9745 | 0.5506 | | |
| | 1.2661 | 1.2531 | 1.2714 | 1.2904 | 1.8698 | 3.2766 | | |
| 15 | 0.7974 | 0.8283 | 0.7802 | 0.7356 | F-SUB-Q | | | |
| | 2.2033 | 2.1391 | 2.2918 | 2.4950 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2957 | 1.3092 | 1.4612 | 1.3432 | 1.5739 | 1.4326 | 1.5993 | 0.8228 |
| | 1.6190 | 1.6147 | 1.4355 | 1.5222 | 1.2823 | 1.3990 | 1.2463 | 2.1811 |
| 9 | 1.3092 | 1.5856 | 1.3327 | 1.6000 | 1.3951 | 1.5885 | 1.6333 | 0.8561 |
| | 1.6147 | 1.3332 | 1.5752 | 1.2968 | 1.4640 | 1.2631 | 1.2309 | 2.1136 |
| 10 | 1.4612 | 1.3306 | 1.4931 | 1.5001 | 1.6458 | 1.5633 | 1.6423 | 0.8075 |
| | 1.4355 | 1.5826 | 1.4071 | 1.3949 | 1.2653 | 1.3131 | 1.2455 | 2.2571 |
| 11 | 1.3432 | 1.5967 | 1.4962 | 1.6198 | 1.5444 | 1.6701 | 1.6398 | 0.7623 |
| | 1.5222 | 1.2993 | 1.3986 | 1.2899 | 1.3471 | 1.2383 | 1.2604 | 2.4496 |
| 12 | 1.5739 | 1.3942 | 1.6446 | 1.5432 | 1.5156 | 1.6113 | 1.0148 | |
| | 1.2823 | 1.4644 | 1.2662 | 1.3475 | 1.3549 | 1.2716 | 1.8373 | |
| 13 | 1.4326 | 1.5880 | 1.5624 | 1.6689 | 1.6103 | 1.0768 | 0.5814 | |
| | 1.3990 | 1.2636 | 1.3138 | 1.2392 | 1.2724 | 1.8886 | 3.2185 | |
| 14 | 1.5993 | 1.6326 | 1.6414 | 1.6385 | 1.0142 | 0.5687 | | |
| | 1.2463 | 1.2313 | 1.2461 | 1.2614 | 1.8382 | 3.2580 | | |
| 15 | 0.8228 | 0.8560 | 0.8068 | 0.7617 | F-SUB-Q | | | |
| | 2.1811 | 2.1139 | 2.2586 | 2.4516 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3206 | 1.3355 | 1.5019 | 1.3739 | 1.6254 | 1.4735 | 1.6601 | 0.8389 |
| | 1.6198 | 1.6090 | 1.4255 | 1.5240 | 1.2723 | 1.3917 | 1.2302 | 2.1929 |
| 9 | 1.3355 | 1.6292 | 1.3598 | 1.6501 | 1.4291 | 1.6415 | 1.6965 | 0.8736 |
| | 1.6090 | 1.3176 | 1.5764 | 1.2845 | 1.4647 | 1.2514 | 1.2129 | 2.1226 |
| 10 | 1.5019 | 1.3574 | 1.5271 | 1.5412 | 1.7067 | 1.6109 | 1.7076 | 0.8244 |
| | 1.4255 | 1.5824 | 1.4011 | 1.3833 | 1.2401 | 1.2983 | 1.2236 | 2.2639 |
| 11 | 1.3739 | 1.6465 | 1.5370 | 1.6742 | 1.5902 | 1.7374 | 1.7073 | 0.7780 |
| | 1.5240 | 1.2871 | 1.3872 | 1.2708 | 1.3337 | 1.2123 | 1.2292 | 2.4421 |
| 12 | 1.6254 | 1.4281 | 1.7053 | 1.5890 | 1.5616 | 1.6736 | 1.0379 | |
| | 1.2723 | 1.4651 | 1.2411 | 1.3347 | 1.3470 | 1.2541 | 1.8340 | |
| 13 | 1.4735 | 1.6408 | 1.6098 | 1.7360 | 1.6726 | 1.1044 | 0.5913 | |
| | 1.3917 | 1.2520 | 1.2991 | 1.2132 | 1.2549 | 1.8870 | 3.2442 | |
| 14 | 1.6601 | 1.6958 | 1.7065 | 1.7059 | 1.0374 | 0.5775 | | |
| | 1.2302 | 1.2134 | 1.2244 | 1.2303 | 1.8348 | 3.2888 | | |
| 15 | 0.8389 | 0.8735 | 0.8237 | 0.7773 | F-SUB-Q | | | |
| | 2.1929 | 2.1230 | 2.2659 | 2.4443 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3343 | 1.3502 | 1.5248 | 1.3926 | 1.6583 | 1.5031 | 1.7012 | 0.8514 |
| | 1.6399 | 1.6293 | 1.4333 | 1.5444 | 1.2824 | 1.4031 | 1.2347 | 2.2226 |
| 9 | 1.3502 | 1.6541 | 1.3754 | 1.6814 | 1.4508 | 1.6784 | 1.7398 | 0.8873 |
| | 1.6293 | 1.3294 | 1.5919 | 1.2893 | 1.4833 | 1.2576 | 1.2142 | 2.1491 |
| 10 | 1.5248 | 1.3729 | 1.5478 | 1.5680 | 1.7473 | 1.6458 | 1.7524 | 0.8379 |
| | 1.4333 | 1.5962 | 1.4088 | 1.3859 | 1.2395 | 1.3005 | 1.2192 | 2.2832 |
| 11 | 1.3926 | 1.6775 | 1.5635 | 1.7092 | 1.6207 | 1.7836 | 1.7545 | 0.7908 |
| | 1.5444 | 1.2922 | 1.3899 | 1.2728 | 1.3370 | 1.2077 | 1.2244 | 2.4477 |
| 12 | 1.6583 | 1.4496 | 1.7458 | 1.6194 | 1.5922 | 1.7162 | 1.0577 | |
| | 1.2824 | 1.4838 | 1.2406 | 1.3380 | 1.3482 | 1.2479 | 1.8383 | |
| 13 | 1.5031 | 1.6776 | 1.6446 | 1.7821 | 1.7151 | 1.1251 | 0.5996 | |
| | 1.4031 | 1.2583 | 1.3014 | 1.2087 | 1.2487 | 1.8938 | 3.2616 | |
| 14 | 1.7012 | 1.7389 | 1.7512 | 1.7529 | 1.0572 | 0.5850 | | |
| | 1.2347 | 1.2148 | 1.2200 | 1.2255 | 1.8391 | 3.3103 | | |
| 15 | 0.8514 | 0.8871 | 0.8371 | 0.7899 | F-SUB-Q | | | |
| | 2.2226 | 2.1495 | 2.2853 | 2.4500 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3469 | 1.3630 | 1.5471 | 1.4092 | 1.6905 | 1.5303 | 1.7409 | 0.8599 |
| | 1.6819 | 1.6573 | 1.4493 | 1.5735 | 1.2990 | 1.4235 | 1.2463 | 2.2727 |
| 9 | 1.3630 | 1.6788 | 1.3895 | 1.7116 | 1.4706 | 1.7131 | 1.7814 | 0.8949 |
| | 1.6573 | 1.3386 | 1.6159 | 1.3007 | 1.5063 | 1.2714 | 1.2225 | 2.2000 |
| 10 | 1.5471 | 1.3869 | 1.5675 | 1.5928 | 1.7862 | 1.6782 | 1.7953 | 0.8472 |
| | 1.4493 | 1.6189 | 1.4266 | 1.3996 | 1.2445 | 1.3102 | 1.2219 | 2.3233 |
| 11 | 1.4092 | 1.7076 | 1.5880 | 1.7429 | 1.6488 | 1.8276 | 1.7984 | 0.7978 |
| | 1.5735 | 1.3038 | 1.4038 | 1.2829 | 1.3555 | 1.2147 | 1.2244 | 2.4866 |
| 12 | 1.6905 | 1.4694 | 1.7845 | 1.6475 | 1.6207 | 1.7564 | 1.0707 | |
| | 1.2990 | 1.5075 | 1.2456 | 1.3565 | 1.3700 | 1.2589 | 1.8732 | |
| 13 | 1.5303 | 1.7122 | 1.6768 | 1.8259 | 1.7552 | 1.1409 | 0.6048 | |
| | 1.4235 | 1.2721 | 1.3114 | 1.2158 | 1.2598 | 1.9281 | 3.3325 | |
| 14 | 1.7409 | 1.7803 | 1.7939 | 1.7966 | 1.0701 | 0.5893 | | |
| | 1.2463 | 1.2232 | 1.2229 | 1.2256 | 1.8740 | 3.3864 | | |
| 15 | 0.8599 | 0.8947 | 0.8464 | 0.7969 | F-SUB-Q | | | |
| | 2.2727 | 2.2005 | 2.3256 | 2.4891 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3375 | 1.3541 | 1.5336 | 1.4031 | 1.6840 | 1.5319 | 1.7388 | 0.8700 |
| | 1.7413 | 1.7156 | 1.5093 | 1.6363 | 1.3523 | 1.4754 | 1.2945 | 2.3312 |
| 9 | 1.3541 | 1.6646 | 1.3817 | 1.7034 | 1.4671 | 1.7158 | 1.7817 | 0.9080 |
| | 1.7156 | 1.3912 | 1.6768 | 1.3504 | 1.5612 | 1.3159 | 1.2659 | 2.2480 |
| 10 | 1.5336 | 1.3791 | 1.5604 | 1.5894 | 1.7846 | 1.6810 | 1.7962 | 0.8581 |
| | 1.5093 | 1.6800 | 1.4792 | 1.4483 | 1.2822 | 1.3513 | 1.2620 | 2.3711 |
| 11 | 1.4031 | 1.6992 | 1.5845 | 1.7375 | 1.6481 | 1.8285 | 1.8021 | 0.8104 |
| | 1.6363 | 1.3537 | 1.4527 | 1.3241 | 1.3927 | 1.2483 | 1.2586 | 2.5259 |
| 12 | 1.6840 | 1.4658 | 1.7828 | 1.6468 | 1.6208 | 1.7577 | 1.0913 | |
| | 1.3523 | 1.5625 | 1.2835 | 1.3938 | 1.4167 | 1.2996 | 1.8913 | |
| 13 | 1.5319 | 1.7147 | 1.6793 | 1.8267 | 1.7564 | 1.1527 | 0.6141 | |
| | 1.4754 | 1.3167 | 1.3526 | 1.2494 | 1.3008 | 1.9798 | 3.3930 | |
| 14 | 1.7388 | 1.7805 | 1.7946 | 1.8002 | 1.0904 | 0.5985 | | |
| | 1.2945 | 1.2668 | 1.2631 | 1.2599 | 1.8926 | 3.4468 | | |
| 15 | 0.8700 | 0.9078 | 0.8572 | 0.8094 | F-SUB-Q | | | |
| | 2.3312 | 2.2486 | 2.3735 | 2.5286 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3507 | 1.3670 | 1.5597 | 1.4196 | 1.7204 | 1.5599 | 1.7850 | 0.8700 |
| | 1.7857 | 1.7619 | 1.5384 | 1.6820 | 1.3787 | 1.5098 | 1.3140 | 2.4257 |
| 9 | 1.3670 | 1.6947 | 1.3959 | 1.7382 | 1.4867 | 1.7531 | 1.8294 | 0.9074 |
| | 1.7619 | 1.4178 | 1.7229 | 1.3733 | 1.6010 | 1.3412 | 1.2831 | 2.3417 |
| 10 | 1.5597 | 1.3931 | 1.5812 | 1.6152 | 1.8283 | 1.7152 | 1.8453 | 0.8593 |
| | 1.5384 | 1.7263 | 1.5156 | 1.4801 | 1.2986 | 1.3754 | 1.2752 | 2.4589 |
| 11 | 1.4196 | 1.7338 | 1.6100 | 1.7756 | 1.6772 | 1.8779 | 1.8508 | 0.8096 |
| | 1.6820 | 1.3767 | 1.4848 | 1.3436 | 1.4184 | 1.2610 | 1.2720 | 2.6218 |
| 12 | 1.7204 | 1.4853 | 1.8263 | 1.6759 | 1.6502 | 1.8021 | 1.0908 | |
| | 1.3787 | 1.6023 | 1.2999 | 1.4195 | 1.4395 | 1.3111 | 1.9592 | |
| 13 | 1.5599 | 1.7519 | 1.7133 | 1.8759 | 1.8007 | 1.1605 | 0.6114 | |
| | 1.5098 | 1.3421 | 1.3768 | 1.2622 | 1.3124 | 2.0299 | 3.5146 | |
| 14 | 1.7850 | 1.8281 | 1.8434 | 1.8487 | 1.0900 | 0.5948 | | |
| | 1.3140 | 1.2840 | 1.2764 | 1.2734 | 1.9602 | 3.5773 | | |
| 15 | 0.8700 | 0.9071 | 0.8583 | 0.8085 | F-SUB-Q | | | |
| | 2.4257 | 2.3423 | 2.4615 | 2.6249 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3479 | 1.3642 | 1.5601 | 1.4196 | 1.7292 | 1.5691 | 1.8008 | 0.8718 |
| | 1.8360 | 1.8106 | 1.5811 | 1.7348 | 1.4268 | 1.5689 | 1.3615 | 2.5275 |
| 9 | 1.3642 | 1.6965 | 1.3941 | 1.7450 | 1.4892 | 1.7668 | 1.8468 | 0.9104 |
| | 1.8106 | 1.4562 | 1.7704 | 1.4180 | 1.6607 | 1.3906 | 1.3274 | 2.4366 |
| 10 | 1.5601 | 1.3913 | 1.5824 | 1.6204 | 1.8426 | 1.7275 | 1.8636 | 0.8621 |
| | 1.5811 | 1.7739 | 1.5652 | 1.5293 | 1.3436 | 1.4245 | 1.3166 | 2.5546 |
| 11 | 1.4196 | 1.7404 | 1.6150 | 1.7852 | 1.6850 | 1.8964 | 1.8706 | 0.8126 |
| | 1.7348 | 1.4216 | 1.5343 | 1.3918 | 1.4711 | 1.3025 | 1.3125 | 2.7177 |
| 12 | 1.7292 | 1.4878 | 1.8404 | 1.6836 | 1.6590 | 1.8185 | 1.0966 | |
| | 1.4268 | 1.6623 | 1.3450 | 1.4723 | 1.4913 | 1.3529 | 2.0296 | |
| 13 | 1.5691 | 1.7654 | 1.7253 | 1.8942 | 1.8169 | 1.1659 | 0.6125 | |
| | 1.5689 | 1.3916 | 1.4262 | 1.3039 | 1.3542 | 2.1014 | 3.6449 | |
| 14 | 1.8008 | 1.8453 | 1.8616 | 1.8683 | 1.0958 | 0.5953 | | |
| | 1.3615 | 1.3284 | 1.3179 | 1.3140 | 2.0308 | 3.7129 | | |
| 15 | 0.8718 | 0.9101 | 0.8610 | 0.8114 | F-SUB-Q | | | |
| | 2.5275 | 2.4373 | 2.5575 | 2.7211 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3307 | 1.3471 | 1.5374 | 1.4045 | 1.7125 | 1.5614 | 1.7890 | 0.8747 |
| | 1.8181 | 1.7879 | 1.5644 | 1.7099 | 1.4052 | 1.5423 | 1.3462 | 2.4857 |
| 9 | 1.3471 | 1.6730 | 1.3779 | 1.7265 | 1.4763 | 1.7593 | 1.8370 | 0.9147 |
| | 1.7879 | 1.4403 | 1.7467 | 1.3985 | 1.6343 | 1.3726 | 1.3153 | 2.3922 |
| 10 | 1.5374 | 1.3751 | 1.5658 | 1.6071 | 1.8304 | 1.7200 | 1.8543 | 0.8654 |
| | 1.5644 | 1.7502 | 1.5434 | 1.5048 | 1.3299 | 1.4096 | 1.3079 | 2.5184 |
| 11 | 1.4045 | 1.7218 | 1.6016 | 1.7692 | 1.6740 | 1.8862 | 1.8637 | 0.8166 |
| | 1.7099 | 1.4022 | 1.5099 | 1.3737 | 1.4567 | 1.2944 | 1.3068 | 2.6840 |
| 12 | 1.7125 | 1.4748 | 1.8281 | 1.6725 | 1.6493 | 1.8093 | 1.1067 | |
| | 1.4052 | 1.6359 | 1.3315 | 1.4578 | 1.4889 | 1.3541 | 1.9971 | |
| 13 | 1.5614 | 1.7578 | 1.7176 | 1.8840 | 1.8076 | 1.1683 | 0.6159 | |
| | 1.5423 | 1.3737 | 1.4115 | 1.2959 | 1.3556 | 2.0949 | 3.6311 | |
| 14 | 1.7890 | 1.8353 | 1.8521 | 1.8612 | 1.1057 | 0.5987 | | |
| | 1.3462 | 1.3165 | 1.3094 | 1.3085 | 1.9987 | 3.6980 | | |
| 15 | 0.8747 | 0.9143 | 0.8643 | 0.8153 | F-SUB-Q | | | |
| | 2.4857 | 2.3931 | 2.5216 | 2.6879 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3321 | 1.3480 | 1.5481 | 1.4080 | 1.7326 | 1.5761 | 1.8198 | 0.8669 |
| | 1.7705 | 1.7388 | 1.5122 | 1.6628 | 1.3571 | 1.4937 | 1.2938 | 2.4422 |
| 9 | 1.3480 | 1.6873 | 1.3799 | 1.7451 | 1.4823 | 1.7817 | 1.8693 | 0.9060 |
| | 1.7388 | 1.3910 | 1.6984 | 1.3513 | 1.5902 | 1.3259 | 1.2643 | 2.3532 |
| 10 | 1.5481 | 1.3768 | 1.5725 | 1.6184 | 1.8580 | 1.7397 | 1.8880 | 0.8595 |
| | 1.5122 | 1.7019 | 1.5005 | 1.4599 | 1.2802 | 1.3627 | 1.2556 | 2.4718 |
| 11 | 1.4080 | 1.7401 | 1.6126 | 1.7913 | 1.6888 | 1.9192 | 1.8972 | 0.8087 |
| | 1.6628 | 1.3550 | 1.4650 | 1.3261 | 1.4115 | 1.2425 | 1.2539 | 2.6411 |
| 12 | 1.7326 | 1.4807 | 1.8556 | 1.6872 | 1.6645 | 1.8391 | 1.0971 | |
| | 1.3571 | 1.5918 | 1.2819 | 1.4127 | 1.4409 | 1.3003 | 1.9667 | |
| 13 | 1.5761 | 1.7800 | 1.7371 | 1.9168 | 1.8369 | 1.1661 | 0.6081 | |
| | 1.4937 | 1.3270 | 1.3647 | 1.2440 | 1.3018 | 2.0479 | 3.5785 | |
| 14 | 1.8198 | 1.8674 | 1.8856 | 1.8945 | 1.0962 | 0.5900 | | |
| | 1.2938 | 1.2655 | 1.2572 | 1.2556 | 1.9681 | 3.6514 | | |
| 15 | 0.8669 | 0.9056 | 0.8583 | 0.8074 | F-SUB-Q | | | |
| | 2.4422 | 2.3541 | 2.4752 | 2.6451 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3213 | 1.3371 | 1.5392 | 1.3990 | 1.7308 | 1.5760 | 1.8262 | 0.8604 |
| | 1.7131 | 1.6824 | 1.4597 | 1.6067 | 1.3045 | 1.4353 | 1.2389 | 2.3631 |
| 9 | 1.3371 | 1.6800 | 1.3697 | 1.7418 | 1.4752 | 1.7850 | 1.8770 | 0.8992 |
| | 1.6824 | 1.3410 | 1.6424 | 1.2997 | 1.5343 | 1.2722 | 1.2102 | 2.2770 |
| 10 | 1.5392 | 1.3666 | 1.5637 | 1.6136 | 1.8619 | 1.7417 | 1.8970 | 0.8541 |
| | 1.4597 | 1.6460 | 1.4482 | 1.4058 | 1.2290 | 1.3093 | 1.2021 | 2.3872 |
| 11 | 1.3990 | 1.7367 | 1.6076 | 1.7919 | 1.6867 | 1.9269 | 1.9071 | 0.8020 |
| | 1.6067 | 1.3033 | 1.4108 | 1.2743 | 1.3602 | 1.1919 | 1.2003 | 2.5551 |
| 12 | 1.7308 | 1.4735 | 1.8593 | 1.6851 | 1.6631 | 1.8460 | 1.0915 | |
| | 1.3045 | 1.5359 | 1.2306 | 1.3613 | 1.3913 | 1.2478 | 1.8968 | |
| 13 | 1.5760 | 1.7832 | 1.7388 | 1.9244 | 1.8438 | 1.1616 | 0.6024 | |
| | 1.4353 | 1.2734 | 1.3113 | 1.1934 | 1.2493 | 1.9758 | 3.4621 | |
| 14 | 1.8262 | 1.8750 | 1.8944 | 1.9042 | 1.0906 | 0.5838 | | |
| | 1.2389 | 1.2114 | 1.2036 | 1.2020 | 1.8981 | 3.5365 | | |
| 15 | 0.8604 | 0.8988 | 0.8528 | 0.8006 | F-SUB-Q | | | |
| | 2.3631 | 2.2780 | 2.3907 | 2.5592 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3035 | 1.3186 | 1.5191 | 1.3816 | 1.7157 | 1.5651 | 1.8160 | 0.8536 |
| | 1.6717 | 1.6427 | 1.4242 | 1.5673 | 1.2672 | 1.3917 | 1.1995 | 2.2952 |
| 9 | 1.3186 | 1.6600 | 1.3519 | 1.7250 | 1.4595 | 1.7753 | 1.8681 | 0.8937 |
| | 1.6427 | 1.3067 | 1.6025 | 1.2636 | 1.4932 | 1.2314 | 1.1703 | 2.2071 |
| 10 | 1.5191 | 1.3488 | 1.5462 | 1.5982 | 1.8502 | 1.7312 | 1.8887 | 0.8482 |
| | 1.4242 | 1.6061 | 1.4103 | 1.3663 | 1.1896 | 1.2675 | 1.1616 | 2.3145 |
| 11 | 1.3816 | 1.7198 | 1.5921 | 1.7792 | 1.6732 | 1.9173 | 1.8995 | 0.7982 |
| | 1.5673 | 1.2673 | 1.3714 | 1.2365 | 1.3189 | 1.1514 | 1.1584 | 2.4707 |
| 12 | 1.7157 | 1.4578 | 1.8476 | 1.6715 | 1.6506 | 1.8368 | 1.0867 | |
| | 1.2672 | 1.4949 | 1.1913 | 1.3202 | 1.3480 | 1.2050 | 1.8317 | |
| 13 | 1.5651 | 1.7735 | 1.7281 | 1.9146 | 1.8345 | 1.1541 | 0.5977 | |
| | 1.3917 | 1.2326 | 1.2696 | 1.1529 | 1.2065 | 1.9111 | 3.3553 | |
| 14 | 1.8160 | 1.8660 | 1.8858 | 1.8965 | 1.0857 | 0.5791 | | |
| | 1.1995 | 1.1715 | 1.1632 | 1.1601 | 1.8331 | 3.4284 | | |
| 15 | 0.8536 | 0.8932 | 0.8469 | 0.7968 | F-SUB-Q | | | |
| | 2.2952 | 2.2081 | 2.3180 | 2.4749 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2762 | 1.2908 | 1.4833 | 1.3546 | 1.6821 | 1.5412 | 1.7846 | 0.8477 |
| | 1.7792 | 1.7498 | 1.5216 | 1.6681 | 1.3482 | 1.4741 | 1.2729 | 2.4128 |
| 9 | 1.2908 | 1.6224 | 1.3245 | 1.6899 | 1.4328 | 1.7493 | 1.8376 | 0.8885 |
| | 1.7498 | 1.3942 | 1.7063 | 1.3452 | 1.5866 | 1.3031 | 1.2401 | 2.3167 |
| 10 | 1.4833 | 1.3214 | 1.5161 | 1.5694 | 1.8178 | 1.7052 | 1.8583 | 0.8420 |
| | 1.5216 | 1.7102 | 1.5000 | 1.4508 | 1.2613 | 1.3410 | 1.2300 | 2.4317 |
| 11 | 1.3546 | 1.6847 | 1.5632 | 1.7468 | 1.6453 | 1.8855 | 1.8708 | 0.7933 |
| | 1.6681 | 1.3493 | 1.4563 | 1.3139 | 1.3965 | 1.2184 | 1.2242 | 2.5918 |
| 12 | 1.6822 | 1.4311 | 1.8151 | 1.6437 | 1.6235 | 1.8071 | 1.0836 | |
| | 1.3482 | 1.5884 | 1.2631 | 1.3979 | 1.4257 | 1.2739 | 1.9120 | |
| 13 | 1.5412 | 1.7474 | 1.7020 | 1.8828 | 1.8048 | 1.1433 | 0.5940 | |
| | 1.4741 | 1.3045 | 1.3434 | 1.2201 | 1.2754 | 2.0068 | 3.5162 | |
| 14 | 1.7846 | 1.8354 | 1.8553 | 1.8677 | 1.0824 | 0.5757 | | |
| | 1.2729 | 1.2415 | 1.2318 | 1.2261 | 1.9138 | 3.5913 | | |
| 15 | 0.8477 | 0.8881 | 0.8407 | 0.7918 | F-SUB-Q | | | |
| | 2.4128 | 2.3179 | 2.4355 | 2.5964 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2661 | 1.2795 | 1.4794 | 1.3433 | 1.6835 | 1.5375 | 1.7937 | 0.8276 |
| | 1.7230 | 1.7009 | 1.4715 | 1.6246 | 1.3011 | 1.4282 | 1.2234 | 2.3903 |
| 9 | 1.2795 | 1.6216 | 1.3138 | 1.6905 | 1.4231 | 1.7505 | 1.8472 | 0.8666 |
| | 1.7009 | 1.3445 | 1.6594 | 1.2972 | 1.5425 | 1.2577 | 1.1907 | 2.2978 |
| 10 | 1.4795 | 1.3106 | 1.5078 | 1.5637 | 1.8234 | 1.7040 | 1.8689 | 0.8237 |
| | 1.4715 | 1.6633 | 1.4545 | 1.4043 | 1.2109 | 1.2947 | 1.1794 | 2.4016 |
| 11 | 1.3433 | 1.6851 | 1.5574 | 1.7503 | 1.6398 | 1.8940 | 1.8793 | 0.7726 |
| | 1.6246 | 1.3013 | 1.4098 | 1.2635 | 1.3483 | 1.1664 | 1.1727 | 2.5691 |
| 12 | 1.6835 | 1.4214 | 1.8205 | 1.6381 | 1.6189 | 1.8130 | 1.0571 | |
| | 1.3010 | 1.5443 | 1.2127 | 1.3496 | 1.3712 | 1.2192 | 1.8856 | |
| 13 | 1.5375 | 1.7485 | 1.7006 | 1.8911 | 1.8106 | 1.1248 | 0.5773 | |
| | 1.4282 | 1.2591 | 1.2972 | 1.1681 | 1.2208 | 1.9584 | 3.4859 | |
| 14 | 1.7937 | 1.8449 | 1.8658 | 1.8761 | 1.0561 | 0.5585 | | |
| | 1.2234 | 1.1921 | 1.1812 | 1.1747 | 1.8871 | 3.5678 | | |
| 15 | 0.8276 | 0.8661 | 0.8223 | 0.7710 | F-SUB-Q | | | |
| | 2.3903 | 2.2990 | 2.4055 | 2.5739 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2401 | 1.2521 | 1.4476 | 1.3149 | 1.6520 | 1.5107 | 1.7636 | 0.8090 |
| | 1.6891 | 1.6729 | 1.4475 | 1.5985 | 1.2763 | 1.3991 | 1.1974 | 2.3562 |
| 9 | 1.2521 | 1.5898 | 1.2869 | 1.6587 | 1.3950 | 1.7227 | 1.8172 | 0.8475 |
| | 1.6729 | 1.3200 | 1.6311 | 1.2727 | 1.5148 | 1.2295 | 1.1642 | 2.2638 |
| 10 | 1.4476 | 1.2837 | 1.4795 | 1.5348 | 1.7914 | 1.6756 | 1.8383 | 0.8055 |
| | 1.4475 | 1.6350 | 1.4268 | 1.3767 | 1.1849 | 1.2662 | 1.1528 | 2.3650 |
| 11 | 1.3149 | 1.6533 | 1.5285 | 1.7194 | 1.6093 | 1.8612 | 1.8472 | 0.7549 |
| | 1.5985 | 1.2768 | 1.3823 | 1.2365 | 1.3201 | 1.1400 | 1.1462 | 2.5311 |
| 12 | 1.6520 | 1.3933 | 1.7885 | 1.6077 | 1.5896 | 1.7805 | 1.0344 | |
| | 1.2763 | 1.5166 | 1.1867 | 1.3214 | 1.3386 | 1.1914 | 1.8519 | |
| 13 | 1.5107 | 1.7206 | 1.6721 | 1.8583 | 1.7781 | 1.1009 | 0.5634 | |
| | 1.3991 | 1.2309 | 1.2688 | 1.1417 | 1.1930 | 1.9205 | 3.4363 | |
| 14 | 1.7636 | 1.8149 | 1.8352 | 1.8439 | 1.0334 | 0.5448 | | |
| | 1.1974 | 1.1656 | 1.1547 | 1.1481 | 1.8535 | 3.5185 | | |
| 15 | 0.8090 | 0.8470 | 0.8041 | 0.7534 | F-SUB-Q | | | |
| | 2.3562 | 2.2650 | 2.3690 | 2.5359 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1952 | 1.2056 | 1.3824 | 1.2666 | 1.5802 | 1.4558 | 1.6861 | 0.7908 |
| | 1.6955 | 1.6818 | 1.4674 | 1.6068 | 1.2913 | 1.4048 | 1.2125 | 2.3354 |
| 9 | 1.2056 | 1.5204 | 1.2411 | 1.5874 | 1.3454 | 1.6589 | 1.7381 | 0.8294 |
| | 1.6818 | 1.3360 | 1.6375 | 1.2870 | 1.5201 | 1.2350 | 1.1771 | 2.2408 |
| 10 | 1.3824 | 1.2380 | 1.4279 | 1.4783 | 1.7133 | 1.6142 | 1.7566 | 0.7858 |
| | 1.4674 | 1.6415 | 1.4307 | 1.3830 | 1.1977 | 1.2708 | 1.1660 | 2.3478 |
| 11 | 1.2666 | 1.5822 | 1.4722 | 1.6464 | 1.5491 | 1.7775 | 1.7642 | 0.7389 |
| | 1.6068 | 1.2912 | 1.3886 | 1.2480 | 1.3255 | 1.1530 | 1.1595 | 2.5039 |
| 12 | 1.5802 | 1.3437 | 1.7105 | 1.5474 | 1.5311 | 1.7002 | 1.0135 | |
| | 1.2913 | 1.5220 | 1.1996 | 1.3268 | 1.3423 | 1.2048 | 1.8274 | |
| 13 | 1.4558 | 1.6569 | 1.6109 | 1.7747 | 1.6979 | 1.0689 | 0.5515 | |
| | 1.4048 | 1.2364 | 1.2734 | 1.1548 | 1.2064 | 1.9115 | 3.3979 | |
| 14 | 1.6861 | 1.7358 | 1.7536 | 1.7611 | 1.0122 | 0.5341 | | |
| | 1.2125 | 1.1786 | 1.1678 | 1.1615 | 1.8295 | 3.4738 | | |
| 15 | 0.7908 | 0.8290 | 0.7844 | 0.7374 | F-SUB-Q | | | |
| | 2.3354 | 2.2420 | 2.3517 | 2.5087 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1613 | 1.1708 | 1.3404 | 1.2305 | 1.5284 | 1.4117 | 1.6306 | 0.7533 |
| | 1.6993 | 1.6865 | 1.4752 | 1.6106 | 1.2996 | 1.4099 | 1.2198 | 2.3886 |
| 9 | 1.1708 | 1.4758 | 1.2068 | 1.5403 | 1.3069 | 1.6090 | 1.6802 | 0.7892 |
| | 1.6865 | 1.3401 | 1.6399 | 1.2911 | 1.5234 | 1.2386 | 1.1844 | 2.2948 |
| 10 | 1.3404 | 1.2038 | 1.3917 | 1.4378 | 1.6569 | 1.5662 | 1.6972 | 0.7485 |
| | 1.4752 | 1.6439 | 1.4289 | 1.3837 | 1.2045 | 1.2739 | 1.1735 | 2.4009 |
| 11 | 1.2305 | 1.5353 | 1.4319 | 1.5946 | 1.5040 | 1.7150 | 1.6984 | 0.7008 |
| | 1.6106 | 1.2952 | 1.3893 | 1.2531 | 1.3278 | 1.1616 | 1.1709 | 2.5714 |
| 12 | 1.5284 | 1.3053 | 1.6543 | 1.5028 | 1.4853 | 1.6383 | 0.9603 | |
| | 1.2996 | 1.5251 | 1.2064 | 1.3289 | 1.3454 | 1.2163 | 1.8765 | |
| 13 | 1.4117 | 1.6071 | 1.5629 | 1.7124 | 1.6365 | 1.0194 | 0.5234 | |
| | 1.4099 | 1.2400 | 1.2765 | 1.1634 | 1.2176 | 1.9499 | 3.4877 | |
| 14 | 1.6306 | 1.6781 | 1.6943 | 1.6954 | 0.9591 | 0.5062 | | |
| | 1.2198 | 1.1859 | 1.1754 | 1.1729 | 1.8785 | 3.5705 | | |
| 15 | 0.7533 | 0.7887 | 0.7472 | 0.6994 | F-SUB-Q | | | |
| | 2.3886 | 2.2960 | 2.4049 | 2.5763 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0777 | 1.1017 | 1.2594 | 1.1625 | 1.4141 | 1.3120 | 1.4969 | 0.7091 |
| | 1.7941 | 1.7557 | 1.5377 | 1.6696 | 1.3752 | 1.4850 | 1.3008 | 2.4876 |
| 9 | 1.1017 | 1.3681 | 1.1310 | 1.4347 | 1.2246 | 1.4864 | 1.5396 | 0.7411 |
| | 1.7557 | 1.4159 | 1.7162 | 1.3570 | 1.5914 | 1.3121 | 1.2649 | 2.3954 |
| 10 | 1.2594 | 1.1265 | 1.2971 | 1.3514 | 1.5271 | 1.4492 | 1.5530 | 0.7006 |
| | 1.5377 | 1.7209 | 1.5012 | 1.4410 | 1.2787 | 1.3469 | 1.2548 | 2.5144 |
| 11 | 1.1625 | 1.4302 | 1.3461 | 1.4763 | 1.4076 | 1.5730 | 1.5551 | 0.6514 |
| | 1.6696 | 1.3612 | 1.4466 | 1.3223 | 1.3879 | 1.2387 | 1.2512 | 2.7119 |
| 12 | 1.4141 | 1.2232 | 1.5248 | 1.4064 | 1.3743 | 1.5033 | 0.9000 | |
| | 1.3752 | 1.5935 | 1.2806 | 1.3890 | 1.4227 | 1.2963 | 1.9609 | |
| 13 | 1.3120 | 1.4847 | 1.4463 | 1.5707 | 1.5017 | 0.9437 | 0.4889 | |
| | 1.4850 | 1.3135 | 1.3495 | 1.2406 | 1.2980 | 2.0625 | 3.6614 | |
| 14 | 1.4969 | 1.5377 | 1.5504 | 1.5524 | 0.8987 | 0.4725 | | |
| | 1.3008 | 1.2665 | 1.2568 | 1.2533 | 1.9635 | 3.7510 | | |
| 15 | 0.7091 | 0.7407 | 0.6994 | 0.6501 | F-SUB-Q | | | |
| | 2.4876 | 2.3966 | 2.5185 | 2.7170 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8765 | 0.9312 | 1.2258 | 0.9874 | 1.3102 | 1.0736 | 1.3487 | 0.6101 |
| | 2.1746 | 2.0470 | 1.5561 | 1.9365 | 1.4614 | 1.7869 | 1.4206 | 2.8522 |
| 9 | 0.9312 | 1.2212 | 0.9530 | 1.2753 | 1.0366 | 1.2153 | 1.3753 | 0.6354 |
| | 2.0470 | 1.5620 | 2.0041 | 1.5008 | 1.8491 | 1.5788 | 1.3939 | 2.7557 |
| 10 | 1.2258 | 0.9505 | 1.0658 | 1.1445 | 1.3464 | 1.1809 | 1.3658 | 0.5900 |
| | 1.5561 | 2.0090 | 1.7992 | 1.6754 | 1.4258 | 1.6272 | 1.4038 | 2.9451 |
| 11 | 0.9874 | 1.2712 | 1.1403 | 1.3297 | 1.1826 | 1.3989 | 1.3106 | 0.5453 |
| | 1.9365 | 1.5057 | 1.6815 | 1.4444 | 1.6256 | 1.3717 | 1.4616 | 3.1963 |
| 12 | 1.3102 | 1.0350 | 1.3442 | 1.1817 | 1.0972 | 1.3152 | 0.7725 | |
| | 1.4614 | 1.8519 | 1.4281 | 1.6269 | 1.7537 | 1.4583 | 2.2516 | |
| 13 | 1.0736 | 1.2140 | 1.1787 | 1.3969 | 1.3138 | 0.7846 | 0.4121 | |
| | 1.7869 | 1.5805 | 1.6301 | 1.3735 | 1.4599 | 2.4448 | 4.2874 | |
| 14 | 1.3487 | 1.3736 | 1.3638 | 1.3085 | 0.7707 | 0.3987 | | |
| | 1.4206 | 1.3955 | 1.4058 | 1.4640 | 2.2566 | 4.3877 | | |
| 15 | 0.6101 | 0.6351 | 0.5890 | 0.5442 | F-SUB-Q | | | |
| | 2.8522 | 2.7570 | 2.9497 | 3.2020 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3804 | 0.4113 | 0.4976 | 0.4388 | 0.5256 | 0.4466 | 0.4987 | 0.2605 |
| | 4.9684 | 4.5949 | 3.7986 | 4.3192 | 3.6079 | 4.2547 | 3.8080 | 6.6290 |
| 9 | 0.4113 | 0.4811 | 0.4238 | 0.5214 | 0.4607 | 0.4770 | 0.5053 | 0.2681 |
| | 4.5949 | 3.9283 | 4.4669 | 3.6380 | 4.1222 | 3.9841 | 3.7597 | 6.4812 |
| 10 | 0.4976 | 0.4229 | 0.4344 | 0.4852 | 0.5462 | 0.4777 | 0.5006 | 0.2528 |
| | 3.7986 | 4.4772 | 4.3722 | 3.9145 | 3.4802 | 3.9814 | 3.7953 | 6.8226 |
| 11 | 0.4388 | 0.5198 | 0.4837 | 0.5402 | 0.4837 | 0.5440 | 0.4755 | 0.2282 |
| | 4.3192 | 3.6488 | 3.9267 | 3.5196 | 3.9328 | 3.4946 | 3.9951 | 7.5847 |
| 12 | 0.5256 | 0.4599 | 0.5454 | 0.4832 | 0.4341 | 0.4843 | 0.3275 | |
| | 3.6079 | 4.1290 | 3.4856 | 3.9367 | 4.3869 | 3.9263 | 5.2710 | |
| 13 | 0.4466 | 0.4765 | 0.4768 | 0.5432 | 0.4838 | 0.3404 | 0.1764 | |
| | 4.2547 | 3.9881 | 3.9881 | 3.4994 | 3.9305 | 5.5900 | 9.9474 | |
| 14 | 0.4987 | 0.5047 | 0.4999 | 0.4747 | 0.3267 | 0.1735 | | |
| | 3.8080 | 3.7640 | 3.8008 | 4.0017 | 5.2830 | *10.0154 | | |
| 15 | 0.2605 | 0.2680 | 0.2525 | 0.2277 | F-SUB-Q | | | |
| | 6.6290 | 6.4841 | 6.8312 | 7.5979 | 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 | 0.3766 | 0.4271 | 0.5041 | 0.4489 | 0.5100 | 0.4330 | 0.4518 | 0.2557 |
| | 4.4267 | 4.4424 | 3.7588 | 4.1259 | 3.6115 | 4.2207 | 4.0104 | 6.3502 |
| 9 | 0.4271 | 0.4845 | 0.4399 | 0.5140 | 0.4617 | 0.4424 | 0.4543 | 0.2632 |
| | 4.4424 | 3.9304 | 4.2972 | 3.6518 | 4.0535 | 4.1513 | 4.0083 | 6.2235 |
| 10 | 0.5041 | 0.4393 | 0.4446 | 0.4779 | 0.5165 | 0.4507 | 0.4474 | 0.2455 |
| | 3.7588 | 4.3033 | 4.2966 | 3.9802 | 3.6822 | 4.2025 | 4.1693 | 6.7243 |
| 11 | 0.4489 | 0.5132 | 0.4770 | 0.5115 | 0.4579 | 0.4855 | 0.4240 | 0.2233 |
| | 4.1259 | 3.6553 | 3.9882 | 3.6776 | 4.0733 | 3.8328 | 4.4386 | 7.6454 |
| 12 | 0.5100 | 0.4613 | 0.5159 | 0.4577 | 0.3896 | 0.4195 | 0.3067 | |
| | 3.6115 | 4.0561 | 3.6854 | 4.0752 | 4.4362 | 4.1870 | 5.4133 | |
| 13 | 0.4330 | 0.4421 | 0.4505 | 0.4852 | 0.4192 | 0.3074 | 0.1770 | |
| | 4.2207 | 4.1526 | 4.2053 | 3.8348 | 4.1893 | 5.5669 | 9.2667 | |
| 14 | 0.4518 | 0.4543 | 0.4472 | 0.4237 | 0.3063 | 0.1722 | | |
| | 4.0104 | 4.0091 | 4.1712 | 4.4416 | 5.4193 | 9.4295 | | |
| 15 | 0.2557 | 0.2632 | 0.2454 | 0.2232 | F-SUB-Q | | | |
| | 6.3502 | 6.2243 | 6.7273 | 7.6508 | 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 | 0.8427 | 0.9113 | 1.1286 | 0.9456 | 1.1457 | 0.9493 | 1.0958 | 0.5798 |
| | 2.1853 | 2.1280 | 1.7155 | 2.0030 | 1.6445 | 1.9675 | 1.6909 | 2.8652 |
| 9 | 0.9113 | 1.1179 | 0.9286 | 1.1413 | 0.9698 | 1.0211 | 1.1038 | 0.5965 |
| | 2.1280 | 1.7377 | 2.0841 | 1.6787 | 1.9671 | 1.8300 | 1.6864 | 2.8090 |
| 10 | 1.1286 | 0.9275 | 1.0040 | 1.0341 | 1.1465 | 1.0241 | 1.0918 | 0.5539 |
| | 1.7155 | 2.0872 | 1.9447 | 1.8800 | 1.6858 | 1.8819 | 1.7430 | 3.0459 |
| 11 | 0.9456 | 1.1394 | 1.0322 | 1.1402 | 1.0363 | 1.1226 | 1.0448 | 0.5151 |
| | 2.0030 | 1.6812 | 1.8838 | 1.6804 | 1.8394 | 1.6912 | 1.8243 | 3.3820 |
| 12 | 1.1457 | 0.9690 | 1.1456 | 1.0358 | 0.9299 | 1.0541 | 0.6914 | |
| | 1.6445 | 1.9678 | 1.6870 | 1.8403 | 1.9401 | 1.7451 | 2.4529 | |
| 13 | 0.9493 | 1.0208 | 1.0236 | 1.1221 | 1.0536 | 0.6904 | 0.4046 | |
| | 1.9675 | 1.8306 | 1.8829 | 1.6919 | 1.7460 | 2.6137 | 4.1567 | |
| 14 | 1.0958 | 1.1037 | 1.0915 | 1.0442 | 0.6906 | 0.3934 | | |
| | 1.6909 | 1.6867 | 1.7436 | 1.8254 | 2.4557 | 4.2341 | | |
| 15 | 0.5798 | 0.5964 | 0.5537 | 0.5147 | F-SUB-Q | | | |
| | 2.8652 | 2.8093 | 3.0472 | 3.3841 | 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 | 1.0592 | 1.0933 | 1.2313 | 1.1310 | 1.2722 | 1.1566 | 1.2473 | 0.6963 |
| | 1.8405 | 1.8074 | 1.5973 | 1.7022 | 1.4981 | 1.6403 | 1.5096 | 2.4231 |
| 9 | 1.0933 | 1.2800 | 1.1083 | 1.2922 | 1.1584 | 1.2498 | 1.2650 | 0.7190 |
| | 1.8074 | 1.5507 | 1.7790 | 1.5099 | 1.6748 | 1.5182 | 1.5009 | 2.3666 |
| 10 | 1.2313 | 1.1074 | 1.2201 | 1.2311 | 1.2953 | 1.2459 | 1.2632 | 0.6749 |
| | 1.5973 | 1.7820 | 1.6264 | 1.6052 | 1.5135 | 1.5710 | 1.5361 | 2.5385 |
| 11 | 1.1310 | 1.2902 | 1.2286 | 1.2940 | 1.2488 | 1.2982 | 1.2539 | 0.6320 |
| | 1.7022 | 1.5107 | 1.6087 | 1.5136 | 1.5573 | 1.4895 | 1.5455 | 2.7968 |
| 12 | 1.2722 | 1.1574 | 1.2941 | 1.2481 | 1.2013 | 1.2413 | 0.8350 | |
| | 1.4981 | 1.6754 | 1.5146 | 1.5582 | 1.5851 | 1.5312 | 2.0712 | |
| 13 | 1.1566 | 1.2495 | 1.2454 | 1.2976 | 1.2407 | 0.8651 | 0.4933 | |
| | 1.6403 | 1.5187 | 1.5716 | 1.4903 | 1.5319 | 2.1653 | 3.4877 | |
| 14 | 1.2473 | 1.2647 | 1.2627 | 1.2533 | 0.8339 | 0.4830 | | |
| | 1.5096 | 1.5012 | 1.5368 | 1.5463 | 2.0737 | 3.5276 | | |
| 15 | 0.6963 | 0.7189 | 0.6746 | 0.6315 | F-SUB-Q | | | |
| | 2.4231 | 2.3668 | 2.5397 | 2.7985 | 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 | 1.1780 | 1.2084 | 1.3873 | 1.2462 | 1.4477 | 1.2876 | 1.4294 | 0.7561 |
| | 1.6965 | 1.6700 | 1.4431 | 1.5703 | 1.3352 | 1.4967 | 1.3356 | 2.2662 |
| 9 | 1.2084 | 1.4469 | 1.2237 | 1.4560 | 1.2778 | 1.4114 | 1.4544 | 0.7823 |
| | 1.6700 | 1.3985 | 1.6396 | 1.3618 | 1.5414 | 1.3643 | 1.3255 | 2.2089 |
| 10 | 1.3873 | 1.2225 | 1.3560 | 1.3662 | 1.4681 | 1.3978 | 1.4502 | 0.7337 |
| | 1.4431 | 1.6461 | 1.4870 | 1.4699 | 1.3532 | 1.4212 | 1.3518 | 2.3712 |
| 11 | 1.2462 | 1.4536 | 1.3632 | 1.4637 | 1.3956 | 1.4943 | 1.4397 | 0.6903 |
| | 1.5703 | 1.3625 | 1.4732 | 1.3641 | 1.4220 | 1.3193 | 1.3709 | 2.6000 |
| 12 | 1.4477 | 1.2766 | 1.4673 | 1.3947 | 1.3541 | 1.4260 | 0.9114 | |
| | 1.3352 | 1.5417 | 1.3540 | 1.4229 | 1.4399 | 1.3638 | 1.9374 | |
| 13 | 1.2876 | 1.4111 | 1.3972 | 1.4935 | 1.4253 | 0.9661 | 0.5344 | |
| | 1.4967 | 1.3647 | 1.4217 | 1.3200 | 1.3645 | 1.9890 | 3.2946 | |
| 14 | 1.4295 | 1.4540 | 1.4497 | 1.4389 | 0.9109 | 0.5234 | | |
| | 1.3356 | 1.3258 | 1.3524 | 1.3718 | 1.9384 | 3.3317 | | |
| 15 | 0.7561 | 0.7823 | 0.7333 | 0.6899 | F-SUB-Q | | | |
| | 2.2662 | 2.2091 | 2.3724 | 2.6017 | 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 | 1.2334 | 1.2685 | 1.4788 | 1.3093 | 1.5467 | 1.3563 | 1.5361 | 0.7972 |
| | 1.6601 | 1.6282 | 1.3787 | 1.5227 | 1.2726 | 1.4466 | 1.2645 | 2.1889 |
| 9 | 1.2685 | 1.5352 | 1.2846 | 1.5497 | 1.3433 | 1.4985 | 1.5651 | 0.8281 |
| | 1.6282 | 1.3465 | 1.5942 | 1.3047 | 1.4950 | 1.3074 | 1.2536 | 2.1253 |
| 10 | 1.4788 | 1.2833 | 1.4214 | 1.4424 | 1.5727 | 1.4783 | 1.5623 | 0.7753 |
| | 1.3787 | 1.5978 | 1.4437 | 1.4168 | 1.2908 | 1.3630 | 1.2750 | 2.2831 |
| 11 | 1.3093 | 1.5469 | 1.4390 | 1.5621 | 1.4772 | 1.6093 | 1.5509 | 0.7314 |
| | 1.5227 | 1.3053 | 1.4202 | 1.3065 | 1.3738 | 1.2522 | 1.2998 | 2.4937 |
| 12 | 1.5467 | 1.3419 | 1.5718 | 1.4762 | 1.4327 | 1.5350 | 0.9693 | |
| | 1.2726 | 1.4954 | 1.2916 | 1.3747 | 1.3934 | 1.2956 | 1.8640 | |
| 13 | 1.3563 | 1.4981 | 1.4776 | 1.6083 | 1.5341 | 1.0285 | 0.5631 | |
| | 1.4466 | 1.3078 | 1.3635 | 1.2530 | 1.2964 | 1.9147 | 3.2055 | |
| 14 | 1.5361 | 1.5646 | 1.5616 | 1.5499 | 0.9689 | 0.5513 | | |
| | 1.2645 | 1.2539 | 1.2756 | 1.3006 | 1.8648 | 3.2426 | | |
| 15 | 0.7972 | 0.8280 | 0.7748 | 0.7308 | F-SUB-Q | | | |
| | 2.1889 | 2.1255 | 2.2843 | 2.4953 | 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 | 1.2647 | 1.3038 | 1.5337 | 1.3485 | 1.6060 | 1.3987 | 1.6031 | 0.8267 |
| | 1.6543 | 1.6165 | 1.3561 | 1.5104 | 1.2518 | 1.4282 | 1.2366 | 2.1562 |
| 9 | 1.3038 | 1.5857 | 1.3210 | 1.6069 | 1.3841 | 1.5534 | 1.6350 | 0.8601 |
| | 1.6165 | 1.3278 | 1.5814 | 1.2845 | 1.4839 | 1.2869 | 1.2248 | 2.0898 |
| 10 | 1.5337 | 1.3196 | 1.4601 | 1.4905 | 1.6382 | 1.5284 | 1.6333 | 0.8059 |
| | 1.3561 | 1.5848 | 1.4324 | 1.3972 | 1.2648 | 1.3402 | 1.2418 | 2.2397 |
| 11 | 1.3485 | 1.6038 | 1.4868 | 1.6226 | 1.5288 | 1.6827 | 1.6221 | 0.7607 |
| | 1.5104 | 1.2869 | 1.4008 | 1.2837 | 1.3561 | 1.2237 | 1.2676 | 2.4394 |
| 12 | 1.6060 | 1.3826 | 1.6371 | 1.5277 | 1.4815 | 1.6050 | 1.0131 | |
| | 1.2518 | 1.4843 | 1.2657 | 1.3570 | 1.3804 | 1.2695 | 1.8257 | |
| 13 | 1.3987 | 1.5529 | 1.5275 | 1.6816 | 1.6039 | 1.0711 | 0.5848 | |
| | 1.4282 | 1.2874 | 1.3409 | 1.2245 | 1.2703 | 1.8892 | 3.1714 | |
| 14 | 1.6031 | 1.6343 | 1.6325 | 1.6210 | 1.0126 | 0.5721 | | |
| | 1.2366 | 1.2252 | 1.2425 | 1.2685 | 1.8265 | 3.2101 | | |
| 15 | 0.8267 | 0.8600 | 0.8055 | 0.7601 | F-SUB-Q | | | |
| | 2.1562 | 2.0901 | 2.2410 | 2.4412 | 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 | 1.2941 | 1.3363 | 1.5876 | 1.3850 | 1.6657 | 1.4399 | 1.6708 | 0.8453 |
| | 1.6495 | 1.6044 | 1.3390 | 1.5070 | 1.2372 | 1.4186 | 1.2158 | 2.1621 |
| 9 | 1.3363 | 1.6368 | 1.3548 | 1.6637 | 1.4220 | 1.6071 | 1.7052 | 0.8803 |
| | 1.6044 | 1.3084 | 1.5760 | 1.2681 | 1.4772 | 1.2740 | 1.2017 | 2.0930 |
| 10 | 1.5876 | 1.3532 | 1.4980 | 1.5366 | 1.7028 | 1.5770 | 1.7046 | 0.8244 |
| | 1.3390 | 1.5794 | 1.4236 | 1.3823 | 1.2381 | 1.3239 | 1.2149 | 2.2414 |
| 11 | 1.3850 | 1.6603 | 1.5327 | 1.6827 | 1.5785 | 1.7553 | 1.6910 | 0.7782 |
| | 1.5070 | 1.2705 | 1.3859 | 1.2600 | 1.3393 | 1.1953 | 1.2359 | 2.4274 |
| 12 | 1.6657 | 1.4205 | 1.7015 | 1.5774 | 1.5283 | 1.6725 | 1.0387 | |
| | 1.2372 | 1.4789 | 1.2390 | 1.3402 | 1.3717 | 1.2483 | 1.8195 | |
| 13 | 1.4399 | 1.6064 | 1.5760 | 1.7540 | 1.6713 | 1.1012 | 0.5963 | |
| | 1.4186 | 1.2745 | 1.3247 | 1.1961 | 1.2492 | 1.8845 | 3.1902 | |
| 14 | 1.6708 | 1.7044 | 1.7036 | 1.6898 | 1.0382 | 0.5826 | | |
| | 1.2158 | 1.2023 | 1.2156 | 1.2368 | 1.8203 | 3.2338 | | |
| 15 | 0.8453 | 0.8801 | 0.8238 | 0.7775 | F-SUB-Q | | | |
| | 2.1621 | 2.0933 | 2.2429 | 2.4293 | 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 | 1.3116 | 1.3559 | 1.6208 | 1.4081 | 1.7043 | 1.4700 | 1.7167 | 0.8596 |
| | 1.6677 | 1.6213 | 1.3415 | 1.5240 | 1.2443 | 1.4296 | 1.2173 | 2.1882 |
| 9 | 1.3559 | 1.6678 | 1.3755 | 1.7001 | 1.4465 | 1.6439 | 1.7531 | 0.8961 |
| | 1.6213 | 1.3155 | 1.5883 | 1.2718 | 1.4898 | 1.2804 | 1.2001 | 2.1155 |
| 10 | 1.6208 | 1.3739 | 1.5214 | 1.5671 | 1.7471 | 1.6095 | 1.7530 | 0.8392 |
| | 1.3415 | 1.5919 | 1.4302 | 1.3832 | 1.2360 | 1.3263 | 1.2099 | 2.2607 |
| 11 | 1.4081 | 1.6965 | 1.5629 | 1.7220 | 1.6116 | 1.8048 | 1.7391 | 0.7920 |
| | 1.5240 | 1.2743 | 1.3870 | 1.2613 | 1.3428 | 1.1903 | 1.2309 | 2.4312 |
| 12 | 1.7043 | 1.4448 | 1.7457 | 1.6105 | 1.5593 | 1.7189 | 1.0601 | |
| | 1.2443 | 1.4915 | 1.2370 | 1.3437 | 1.3735 | 1.2408 | 1.8228 | |
| 13 | 1.4700 | 1.6431 | 1.6082 | 1.8034 | 1.7176 | 1.1235 | 0.6058 | |
| | 1.4296 | 1.2810 | 1.3272 | 1.1912 | 1.2417 | 1.8904 | 3.2054 | |
| 14 | 1.7167 | 1.7522 | 1.7520 | 1.7377 | 1.0596 | 0.5912 | | |
| | 1.2173 | 1.2007 | 1.2107 | 1.2319 | 1.8235 | 3.2528 | | |
| 15 | 0.8596 | 0.8959 | 0.8386 | 0.7913 | F-SUB-Q | | | |
| | 2.1882 | 2.1158 | 2.2622 | 2.4332 | 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 | 1.3272 | 1.3727 | 1.6518 | 1.4280 | 1.7412 | 1.4970 | 1.7600 | 0.8693 |
| | 1.7089 | 1.6441 | 1.3534 | 1.5516 | 1.2588 | 1.4512 | 1.2272 | 2.2365 |
| 9 | 1.3727 | 1.6972 | 1.3933 | 1.7342 | 1.4679 | 1.6777 | 1.7979 | 0.9046 |
| | 1.6441 | 1.3238 | 1.6123 | 1.2824 | 1.5119 | 1.2956 | 1.2067 | 2.1651 |
| 10 | 1.6518 | 1.3916 | 1.5429 | 1.5944 | 1.7883 | 1.6407 | 1.7984 | 0.8493 |
| | 1.3534 | 1.6150 | 1.4482 | 1.3966 | 1.2410 | 1.3376 | 1.2132 | 2.3043 |
| 11 | 1.4280 | 1.7304 | 1.5899 | 1.7586 | 1.6412 | 1.8511 | 1.7831 | 0.7997 |
| | 1.5516 | 1.2852 | 1.4005 | 1.2690 | 1.3604 | 1.1955 | 1.2297 | 2.4705 |
| 12 | 1.7412 | 1.4661 | 1.7867 | 1.6401 | 1.5873 | 1.7614 | 1.0740 | |
| | 1.2588 | 1.5137 | 1.2420 | 1.3613 | 1.3969 | 1.2511 | 1.8576 | |
| 13 | 1.4970 | 1.6768 | 1.6394 | 1.8496 | 1.7600 | 1.1402 | 0.6116 | |
| | 1.4512 | 1.2963 | 1.3386 | 1.1965 | 1.2521 | 1.9250 | 3.2751 | |
| 14 | 1.7600 | 1.7969 | 1.7971 | 1.7816 | 1.0735 | 0.5962 | | |
| | 1.2272 | 1.2074 | 1.2141 | 1.2307 | 1.8583 | 3.3273 | | |
| 15 | 0.8693 | 0.9044 | 0.8486 | 0.7989 | F-SUB-Q | | | |
| | 2.2365 | 2.1655 | 2.3060 | 2.4728 | 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 | 1.3214 | 1.3679 | 1.6433 | 1.4253 | 1.7362 | 1.4994 | 1.7611 | 0.8812 |
| | 1.7658 | 1.7013 | 1.4077 | 1.6119 | 1.3109 | 1.5047 | 1.2735 | 2.2925 |
| 9 | 1.3679 | 1.6878 | 1.3892 | 1.7295 | 1.4660 | 1.6808 | 1.8001 | 0.9192 |
| | 1.7013 | 1.3747 | 1.6717 | 1.3302 | 1.5668 | 1.3419 | 1.2492 | 2.2113 |
| 10 | 1.6433 | 1.3875 | 1.5384 | 1.5936 | 1.7883 | 1.6435 | 1.8009 | 0.8623 |
| | 1.4077 | 1.6738 | 1.5015 | 1.4449 | 1.2789 | 1.3806 | 1.2529 | 2.3467 |
| 11 | 1.4253 | 1.7256 | 1.5890 | 1.7562 | 1.6420 | 1.8529 | 1.7879 | 0.8131 |
| | 1.6119 | 1.3332 | 1.4490 | 1.3096 | 1.3988 | 1.2300 | 1.2658 | 2.5097 |
| 12 | 1.7362 | 1.4642 | 1.7867 | 1.6408 | 1.5882 | 1.7651 | 1.0955 | |
| | 1.3109 | 1.5686 | 1.2800 | 1.3998 | 1.4446 | 1.2904 | 1.8756 | |
| 13 | 1.4994 | 1.6798 | 1.6420 | 1.8513 | 1.7636 | 1.1533 | 0.6217 | |
| | 1.5047 | 1.3427 | 1.3818 | 1.2311 | 1.2915 | 1.9756 | 3.3330 | |
| 14 | 1.7611 | 1.7989 | 1.7995 | 1.7862 | 1.0947 | 0.6061 | | |
| | 1.2735 | 1.2500 | 1.2538 | 1.2669 | 1.8768 | 3.3854 | | |
| 15 | 0.8812 | 0.9190 | 0.8616 | 0.8122 | F-SUB-Q | | | |
| | 2.2925 | 2.2118 | 2.3485 | 2.5121 | 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 | 1.3363 | 1.3836 | 1.6776 | 1.4437 | 1.7770 | 1.5263 | 1.8094 | 0.8812 |
| | 1.8123 | 1.7479 | 1.4328 | 1.6584 | 1.3360 | 1.5421 | 1.2930 | 2.3875 |
| 9 | 1.3836 | 1.7213 | 1.4058 | 1.7668 | 1.4861 | 1.7159 | 1.8505 | 0.9191 |
| | 1.7479 | 1.4014 | 1.7177 | 1.3534 | 1.6080 | 1.3704 | 1.2658 | 2.3048 |
| 10 | 1.6776 | 1.4040 | 1.5598 | 1.6208 | 1.8338 | 1.6762 | 1.8518 | 0.8626 |
| | 1.4328 | 1.7202 | 1.5399 | 1.4773 | 1.2958 | 1.4076 | 1.2670 | 2.4410 |
| 11 | 1.4437 | 1.7627 | 1.6159 | 1.7962 | 1.6718 | 1.9045 | 1.8362 | 0.8126 |
| | 1.6584 | 1.3565 | 1.4817 | 1.3299 | 1.4264 | 1.2434 | 1.2795 | 2.6069 |
| 12 | 1.7770 | 1.4842 | 1.8320 | 1.6706 | 1.6162 | 1.8112 | 1.0956 | |
| | 1.3360 | 1.6099 | 1.2970 | 1.4274 | 1.4707 | 1.3034 | 1.9445 | |
| 13 | 1.5263 | 1.7148 | 1.6745 | 1.9028 | 1.8096 | 1.1614 | 0.6193 | |
| | 1.5421 | 1.3712 | 1.4089 | 1.2445 | 1.3045 | 2.0282 | 3.4561 | |
| 14 | 1.8094 | 1.8492 | 1.8503 | 1.8343 | 1.0950 | 0.6027 | | |
| | 1.2930 | 1.2666 | 1.2680 | 1.2807 | 1.9454 | 3.5167 | | |
| 15 | 0.8812 | 0.9189 | 0.8617 | 0.8116 | F-SUB-Q | | | |
| | 2.3875 | 2.3053 | 2.4433 | 2.6095 | 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 | 1.3361 | 1.3839 | 1.6836 | 1.4461 | 1.7882 | 1.5355 | 1.8273 | 0.8839 |
| | 1.8544 | 1.7866 | 1.4669 | 1.7058 | 1.3820 | 1.6044 | 1.3397 | 2.4887 |
| 9 | 1.3839 | 1.7268 | 1.4067 | 1.7762 | 1.4894 | 1.7288 | 1.8698 | 0.9231 |
| | 1.7866 | 1.4323 | 1.7561 | 1.3953 | 1.6620 | 1.4231 | 1.3098 | 2.3991 |
| 10 | 1.6836 | 1.4049 | 1.5623 | 1.6277 | 1.8494 | 1.6877 | 1.8717 | 0.8660 |
| | 1.4669 | 1.7584 | 1.5865 | 1.5244 | 1.3418 | 1.4600 | 1.3094 | 2.5378 |
| 11 | 1.4461 | 1.7719 | 1.6227 | 1.8080 | 1.6805 | 1.9243 | 1.8564 | 0.8161 |
| | 1.7058 | 1.3986 | 1.5291 | 1.3778 | 1.4811 | 1.2856 | 1.3209 | 2.7042 |
| 12 | 1.7882 | 1.4874 | 1.8476 | 1.6793 | 1.6246 | 1.8295 | 1.1022 | |
| | 1.3820 | 1.6641 | 1.3430 | 1.4820 | 1.5258 | 1.3462 | 2.0160 | |
| 13 | 1.5355 | 1.7276 | 1.6859 | 1.9224 | 1.8278 | 1.1675 | 0.6209 | |
| | 1.6044 | 1.4240 | 1.4615 | 1.2868 | 1.3474 | 2.1013 | 3.5862 | |
| 14 | 1.8273 | 1.8684 | 1.8699 | 1.8544 | 1.1015 | 0.6037 | | |
| | 1.3397 | 1.3107 | 1.3105 | 1.3222 | 2.0169 | 3.6525 | | |
| 15 | 0.8839 | 0.9228 | 0.8651 | 0.8151 | F-SUB-Q | | | |
| | 2.4887 | 2.3997 | 2.5402 | 2.7069 | 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 | 1.3220 | 1.3700 | 1.6638 | 1.4342 | 1.7722 | 1.5288 | 1.8182 | 0.8887 |
| | 1.8318 | 1.7605 | 1.4482 | 1.6782 | 1.3607 | 1.5774 | 1.3278 | 2.4458 |
| 9 | 1.3700 | 1.7072 | 1.3933 | 1.7605 | 1.4777 | 1.7219 | 1.8616 | 0.9286 |
| | 1.7605 | 1.4137 | 1.7297 | 1.3742 | 1.6350 | 1.4042 | 1.3011 | 2.3554 |
| 10 | 1.6638 | 1.3914 | 1.5481 | 1.6165 | 1.8386 | 1.6806 | 1.8638 | 0.8710 |
| | 1.4482 | 1.7319 | 1.5630 | 1.4986 | 1.3266 | 1.4446 | 1.3028 | 2.4986 |
| 11 | 1.4342 | 1.7560 | 1.6113 | 1.7945 | 1.6705 | 1.9149 | 1.8507 | 0.8210 |
| | 1.6782 | 1.3776 | 1.5033 | 1.3566 | 1.4615 | 1.2771 | 1.3190 | 2.6718 |
| 12 | 1.7722 | 1.4756 | 1.8366 | 1.6693 | 1.6159 | 1.8226 | 1.1136 | |
| | 1.3607 | 1.6371 | 1.3279 | 1.4625 | 1.5213 | 1.3471 | 1.9839 | |
| 13 | 1.5288 | 1.7207 | 1.6786 | 1.9129 | 1.8209 | 1.1711 | 0.6251 | |
| | 1.5774 | 1.4052 | 1.4463 | 1.2784 | 1.3483 | 2.0941 | 3.5723 | |
| 14 | 1.8182 | 1.8601 | 1.8619 | 1.8486 | 1.1127 | 0.6079 | | |
| | 1.3278 | 1.3021 | 1.3041 | 1.3204 | 1.9853 | 3.6373 | | |
| 15 | 0.8887 | 0.9284 | 0.8701 | 0.8199 | F-SUB-Q | | | |
| | 2.4458 | 2.3562 | 2.5009 | 2.6750 | 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 | 1.3252 | 1.3733 | 1.6810 | 1.4389 | 1.7960 | 1.5433 | 1.8513 | 0.8809 |
| | 1.7825 | 1.7106 | 1.3978 | 1.6319 | 1.3127 | 1.5281 | 1.2756 | 2.4036 |
| 9 | 1.3733 | 1.7246 | 1.3973 | 1.7813 | 1.4839 | 1.7431 | 1.8968 | 0.9206 |
| | 1.7106 | 1.3644 | 1.6803 | 1.3274 | 1.5906 | 1.3572 | 1.2493 | 2.3163 |
| 10 | 1.6810 | 1.3954 | 1.5554 | 1.6292 | 1.8677 | 1.6994 | 1.8997 | 0.8649 |
| | 1.3978 | 1.6825 | 1.5193 | 1.4535 | 1.2766 | 1.3974 | 1.2500 | 2.4557 |
| 11 | 1.4389 | 1.7766 | 1.6238 | 1.8182 | 1.6853 | 1.9502 | 1.8859 | 0.8136 |
| | 1.6319 | 1.3307 | 1.4582 | 1.3093 | 1.4163 | 1.2254 | 1.2643 | 2.6285 |
| 12 | 1.7960 | 1.4818 | 1.8656 | 1.6841 | 1.6302 | 1.8537 | 1.1049 | |
| | 1.3127 | 1.5926 | 1.2780 | 1.4173 | 1.4735 | 1.2933 | 1.9526 | |
| 13 | 1.5433 | 1.7417 | 1.6971 | 1.9481 | 1.8519 | 1.1698 | 0.6175 | |
| | 1.5281 | 1.3582 | 1.3992 | 1.2267 | 1.2946 | 2.0466 | 3.5197 | |
| 14 | 1.8513 | 1.8952 | 1.8976 | 1.8836 | 1.1042 | 0.5994 | | |
| | 1.2756 | 1.2504 | 1.2513 | 1.2658 | 1.9537 | 3.5900 | | |
| 15 | 0.8809 | 0.9203 | 0.8639 | 0.8124 | F-SUB-Q | | | |
| | 2.4036 | 2.3170 | 2.4585 | 2.6318 | 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 | 1.3163 | 1.3647 | 1.6758 | 1.4316 | 1.7959 | 1.5435 | 1.8602 | 0.8752 |
| | 1.7221 | 1.6518 | 1.3454 | 1.5743 | 1.2601 | 1.4675 | 1.2199 | 2.3223 |
| 9 | 1.3647 | 1.7201 | 1.3890 | 1.7799 | 1.4771 | 1.7462 | 1.9068 | 0.9144 |
| | 1.6518 | 1.3126 | 1.6221 | 1.2749 | 1.5336 | 1.3018 | 1.1943 | 2.2385 |
| 10 | 1.6758 | 1.3871 | 1.5477 | 1.6257 | 1.8729 | 1.7012 | 1.9101 | 0.8603 |
| | 1.3454 | 1.6243 | 1.4651 | 1.3981 | 1.2241 | 1.3418 | 1.1953 | 2.3685 |
| 11 | 1.4316 | 1.7751 | 1.6201 | 1.8193 | 1.6834 | 1.9594 | 1.8974 | 0.8074 |
| | 1.5743 | 1.2781 | 1.4027 | 1.2567 | 1.3634 | 1.1744 | 1.2088 | 2.5396 |
| 12 | 1.7959 | 1.4750 | 1.8707 | 1.6821 | 1.6288 | 1.8622 | 1.1004 | |
| | 1.2601 | 1.5357 | 1.2255 | 1.3644 | 1.4217 | 1.2399 | 1.8809 | |
| 13 | 1.5435 | 1.7447 | 1.6988 | 1.9571 | 1.8604 | 1.1662 | 0.6122 | |
| | 1.4675 | 1.3029 | 1.3436 | 1.1757 | 1.2411 | 1.9720 | 3.4007 | |
| 14 | 1.8602 | 1.9050 | 1.9079 | 1.8950 | 1.0997 | 0.5937 | | |
| | 1.2199 | 1.1954 | 1.1965 | 1.2102 | 1.8819 | 3.4723 | | |
| 15 | 0.8752 | 0.9140 | 0.8592 | 0.8063 | F-SUB-Q | | | |
| | 2.3223 | 2.2393 | 2.3714 | 2.5430 | 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 | 1.3001 | 1.3475 | 1.6567 | 1.4151 | 1.7810 | 1.5330 | 1.8518 | 0.8688 |
| | 1.6782 | 1.6104 | 1.3101 | 1.5336 | 1.2230 | 1.4222 | 1.1792 | 2.2529 |
| 9 | 1.3475 | 1.7019 | 1.3721 | 1.7640 | 1.4613 | 1.7367 | 1.8990 | 0.9096 |
| | 1.6104 | 1.2770 | 1.5809 | 1.2381 | 1.4922 | 1.2596 | 1.1534 | 2.1666 |
| 10 | 1.6567 | 1.3702 | 1.5315 | 1.6110 | 1.8617 | 1.6909 | 1.9027 | 0.8549 |
| | 1.3101 | 1.5831 | 1.4255 | 1.3578 | 1.1841 | 1.2985 | 1.1537 | 2.2938 |
| 11 | 1.4151 | 1.7592 | 1.6053 | 1.8053 | 1.6698 | 1.9503 | 1.8908 | 0.8042 |
| | 1.5336 | 1.2414 | 1.3624 | 1.2182 | 1.3218 | 1.1336 | 1.1654 | 2.4528 |
| 12 | 1.7810 | 1.4592 | 1.8594 | 1.6686 | 1.6166 | 1.8541 | 1.0963 | |
| | 1.2230 | 1.4943 | 1.1854 | 1.3227 | 1.3769 | 1.1959 | 1.8141 | |
| 13 | 1.5330 | 1.7352 | 1.6883 | 1.9479 | 1.8522 | 1.1594 | 0.6078 | |
| | 1.4222 | 1.2607 | 1.3004 | 1.1349 | 1.1971 | 1.9053 | 3.2921 | |
| 14 | 1.8518 | 1.8971 | 1.9003 | 1.8883 | 1.0954 | 0.5893 | | |
| | 1.1792 | 1.1545 | 1.1551 | 1.1669 | 1.8152 | 3.3624 | | |
| 15 | 0.8688 | 0.9093 | 0.8537 | 0.8030 | F-SUB-Q | | | |
| | 2.2529 | 2.1674 | 2.2967 | 2.4563 | 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 | 1.2736 | 1.3200 | 1.6182 | 1.3886 | 1.7449 | 1.5094 | 1.8203 | 0.8638 |
| | 1.7848 | 1.7141 | 1.3987 | 1.6304 | 1.3015 | 1.5061 | 1.2501 | 2.3649 |
| 9 | 1.3200 | 1.6648 | 1.3445 | 1.7286 | 1.4348 | 1.7108 | 1.8679 | 0.9047 |
| | 1.7141 | 1.3611 | 1.6825 | 1.3173 | 1.5852 | 1.3328 | 1.2215 | 2.2725 |
| 10 | 1.6182 | 1.3426 | 1.5026 | 1.5820 | 1.8286 | 1.6651 | 1.8717 | 0.8487 |
| | 1.3987 | 1.6848 | 1.5150 | 1.4413 | 1.2550 | 1.3739 | 1.2214 | 2.4076 |
| 11 | 1.3886 | 1.7237 | 1.5763 | 1.7709 | 1.6411 | 1.9172 | 1.8615 | 0.7994 |
| | 1.6304 | 1.3209 | 1.4463 | 1.2937 | 1.4004 | 1.1996 | 1.2317 | 2.5712 |
| 12 | 1.7449 | 1.4325 | 1.8262 | 1.6399 | 1.5899 | 1.8249 | 1.0934 | |
| | 1.3015 | 1.5876 | 1.2566 | 1.4014 | 1.4561 | 1.2631 | 1.8924 | |
| 13 | 1.5094 | 1.7092 | 1.6624 | 1.9148 | 1.8229 | 1.1490 | 0.6042 | |
| | 1.5061 | 1.3340 | 1.3760 | 1.2011 | 1.2644 | 1.9991 | 3.4476 | |
| 14 | 1.8203 | 1.8659 | 1.8692 | 1.8589 | 1.0924 | 0.5860 | | |
| | 1.2501 | 1.2228 | 1.2229 | 1.2333 | 1.8938 | 3.5201 | | |
| 15 | 0.8638 | 0.9043 | 0.8477 | 0.7982 | F-SUB-Q | | | |
| | 2.3649 | 2.2734 | 2.4103 | 2.5749 | 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 | 1.2615 | 1.3066 | 1.6130 | 1.3744 | 1.7451 | 1.5031 | 1.8278 | 0.8418 |
| | 1.7302 | 1.6675 | 1.3522 | 1.5895 | 1.2555 | 1.4604 | 1.2012 | 2.3443 |
| 9 | 1.3066 | 1.6615 | 1.3312 | 1.7264 | 1.4211 | 1.7089 | 1.8762 | 0.8812 |
| | 1.6675 | 1.3134 | 1.6375 | 1.2712 | 1.5433 | 1.2874 | 1.1721 | 2.2542 |
| 10 | 1.6130 | 1.3293 | 1.4911 | 1.5735 | 1.8320 | 1.6610 | 1.8803 | 0.8296 |
| | 1.3522 | 1.6398 | 1.4712 | 1.3963 | 1.2050 | 1.3274 | 1.1709 | 2.3782 |
| 11 | 1.3744 | 1.7213 | 1.5676 | 1.7706 | 1.6332 | 1.9244 | 1.8700 | 0.7777 |
| | 1.5895 | 1.2747 | 1.4013 | 1.2450 | 1.3531 | 1.1484 | 1.1788 | 2.5487 |
| 12 | 1.7451 | 1.4190 | 1.8295 | 1.6320 | 1.5824 | 1.8292 | 1.0661 | |
| | 1.2555 | 1.5455 | 1.2065 | 1.3541 | 1.4021 | 1.2089 | 1.8653 | |
| 13 | 1.5031 | 1.7072 | 1.6582 | 1.9218 | 1.8271 | 1.1292 | 0.5866 | |
| | 1.4604 | 1.2887 | 1.3296 | 1.1499 | 1.2102 | 1.9512 | 3.4185 | |
| 14 | 1.8278 | 1.8742 | 1.8778 | 1.8673 | 1.0653 | 0.5678 | | |
| | 1.2012 | 1.1734 | 1.1724 | 1.1804 | 1.8664 | 3.4971 | | |
| 15 | 0.8418 | 0.8808 | 0.8284 | 0.7765 | F-SUB-Q | | | |
| | 2.3443 | 2.2551 | 2.3814 | 2.5526 | 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 | 1.2319 | 1.2746 | 1.5723 | 1.3411 | 1.7067 | 1.4729 | 1.7919 | 0.8208 |
| | 1.7015 | 1.6452 | 1.3353 | 1.5688 | 1.2355 | 1.4346 | 1.1787 | 2.3164 |
| 9 | 1.2746 | 1.6240 | 1.2989 | 1.6885 | 1.3882 | 1.6773 | 1.8407 | 0.8596 |
| | 1.6452 | 1.2933 | 1.6158 | 1.2510 | 1.5211 | 1.2621 | 1.1489 | 2.2261 |
| 10 | 1.5723 | 1.2970 | 1.4584 | 1.5395 | 1.7943 | 1.6290 | 1.8444 | 0.8093 |
| | 1.3353 | 1.6182 | 1.4479 | 1.3733 | 1.1825 | 1.3018 | 1.1476 | 2.3472 |
| 11 | 1.3411 | 1.6835 | 1.5337 | 1.7332 | 1.5987 | 1.8863 | 1.8342 | 0.7583 |
| | 1.5688 | 1.2546 | 1.3784 | 1.2233 | 1.3288 | 1.1252 | 1.1545 | 2.5164 |
| 12 | 1.7067 | 1.3861 | 1.7919 | 1.5975 | 1.5495 | 1.7927 | 1.0411 | |
| | 1.2355 | 1.5233 | 1.1841 | 1.3298 | 1.3728 | 1.1836 | 1.8355 | |
| 13 | 1.4729 | 1.6755 | 1.6261 | 1.8837 | 1.7907 | 1.1028 | 0.5710 | |
| | 1.4346 | 1.2633 | 1.3040 | 1.1267 | 1.1849 | 1.9177 | 3.3781 | |
| 14 | 1.7919 | 1.8386 | 1.8419 | 1.8315 | 1.0403 | 0.5525 | | |
| | 1.1787 | 1.1502 | 1.1491 | 1.1561 | 1.8367 | 3.4574 | | |
| 15 | 0.8208 | 0.8592 | 0.8082 | 0.7570 | F-SUB-Q | | | |
| | 2.3164 | 2.2271 | 2.3505 | 2.5204 | 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 | 1.1813 | 1.2203 | 1.4889 | 1.2850 | 1.6211 | 1.4131 | 1.7024 | 0.7989 |
| | 1.7168 | 1.6633 | 1.3651 | 1.5853 | 1.2588 | 1.4470 | 1.1997 | 2.3059 |
| 9 | 1.2203 | 1.5449 | 1.2440 | 1.6069 | 1.3317 | 1.6084 | 1.7501 | 0.8373 |
| | 1.6633 | 1.3160 | 1.6333 | 1.2722 | 1.5348 | 1.2732 | 1.1685 | 2.2141 |
| 10 | 1.4889 | 1.2422 | 1.4006 | 1.4746 | 1.7058 | 1.5622 | 1.7530 | 0.7859 |
| | 1.3651 | 1.6357 | 1.4593 | 1.3873 | 1.2026 | 1.3128 | 1.1673 | 2.3410 |
| 11 | 1.2850 | 1.6021 | 1.4690 | 1.6501 | 1.5316 | 1.7919 | 1.7428 | 0.7388 |
| | 1.5853 | 1.2759 | 1.3925 | 1.2427 | 1.3409 | 1.1441 | 1.1741 | 2.5009 |
| 12 | 1.6211 | 1.3295 | 1.7034 | 1.5304 | 1.4859 | 1.7048 | 1.0155 | |
| | 1.2588 | 1.5372 | 1.2042 | 1.3419 | 1.3829 | 1.2019 | 1.8194 | |
| 13 | 1.4131 | 1.6067 | 1.5594 | 1.7895 | 1.7028 | 1.0659 | 0.5562 | |
| | 1.4470 | 1.2745 | 1.3150 | 1.1457 | 1.2033 | 1.9173 | 3.3572 | |
| 14 | 1.7024 | 1.7481 | 1.7505 | 1.7403 | 1.0144 | 0.5389 | | |
| | 1.1997 | 1.1698 | 1.1689 | 1.1758 | 1.8211 | 3.4310 | | |
| 15 | 0.7989 | 0.8369 | 0.7849 | 0.7375 | F-SUB-Q | | | |
| | 2.3059 | 2.2151 | 2.3439 | 2.5049 | 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 | 1.1369 | 1.1720 | 1.4247 | 1.2332 | 1.5525 | 1.3577 | 1.6281 | 0.7528 |
| | 1.7371 | 1.6865 | 1.3891 | 1.6085 | 1.2795 | 1.4659 | 1.2206 | 2.3845 |
| 9 | 1.1720 | 1.4838 | 1.1955 | 1.5423 | 1.2795 | 1.5469 | 1.6744 | 0.7883 |
| | 1.6865 | 1.3342 | 1.6552 | 1.2903 | 1.5552 | 1.2881 | 1.1880 | 2.2916 |
| 10 | 1.4247 | 1.1937 | 1.3508 | 1.4192 | 1.6340 | 1.5023 | 1.6765 | 0.7413 |
| | 1.3891 | 1.6576 | 1.4729 | 1.4027 | 1.2214 | 1.3280 | 1.1872 | 2.4176 |
| 11 | 1.2332 | 1.5377 | 1.4138 | 1.5834 | 1.4728 | 1.7137 | 1.6638 | 0.6942 |
| | 1.6085 | 1.2940 | 1.4080 | 1.2601 | 1.3564 | 1.1630 | 1.1957 | 2.5928 |
| 12 | 1.5525 | 1.2776 | 1.6318 | 1.4718 | 1.4289 | 1.6268 | 0.9534 | |
| | 1.2795 | 1.5574 | 1.2230 | 1.3574 | 1.3985 | 1.2243 | 1.8856 | |
| 13 | 1.3577 | 1.5453 | 1.4996 | 1.7113 | 1.6249 | 1.0073 | 0.5227 | |
| | 1.4659 | 1.2894 | 1.3303 | 1.1646 | 1.2257 | 1.9738 | 3.4797 | |
| 14 | 1.6281 | 1.6724 | 1.6741 | 1.6613 | 0.9524 | 0.5058 | | |
| | 1.2206 | 1.1893 | 1.1888 | 1.1974 | 1.8873 | 3.5611 | | |
| 15 | 0.7528 | 0.7879 | 0.7403 | 0.6930 | F-SUB-Q | | | |
| | 2.3845 | 2.2926 | 2.4211 | 2.5970 | 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 | 1.0426 | 1.0837 | 1.3041 | 1.1418 | 1.4054 | 1.2446 | 1.4675 | 0.6947 |
| | 1.8559 | 1.7867 | 1.4862 | 1.7014 | 1.3839 | 1.5656 | 1.3259 | 2.5332 |
| 9 | 1.0837 | 1.3513 | 1.1060 | 1.4095 | 1.1858 | 1.4108 | 1.5068 | 0.7257 |
| | 1.7867 | 1.4349 | 1.7525 | 1.3823 | 1.6430 | 1.3824 | 1.2922 | 2.4404 |
| 10 | 1.3041 | 1.1044 | 1.2441 | 1.3114 | 1.4812 | 1.3729 | 1.5066 | 0.6816 |
| | 1.4862 | 1.7549 | 1.5659 | 1.4859 | 1.3186 | 1.4220 | 1.2928 | 2.5778 |
| 11 | 1.1418 | 1.4054 | 1.3065 | 1.4454 | 1.3573 | 1.5420 | 1.4981 | 0.6346 |
| | 1.7014 | 1.3862 | 1.4914 | 1.3510 | 1.4401 | 1.2643 | 1.2994 | 2.7811 |
| 12 | 1.4054 | 1.1842 | 1.4792 | 1.3563 | 1.3070 | 1.4670 | 0.8768 | |
| | 1.3839 | 1.6452 | 1.3203 | 1.4410 | 1.4963 | 1.3285 | 2.0083 | |
| 13 | 1.2446 | 1.4094 | 1.3705 | 1.5400 | 1.4653 | 0.9180 | 0.4805 | |
| | 1.5656 | 1.3837 | 1.4245 | 1.2658 | 1.3299 | 2.1212 | 3.7131 | |
| 14 | 1.4675 | 1.5050 | 1.5045 | 1.4960 | 0.8755 | 0.4646 | | |
| | 1.3259 | 1.2937 | 1.2946 | 1.3013 | 2.0111 | 3.8025 | | |
| 15 | 0.6947 | 0.7254 | 0.6807 | 0.6335 | F-SUB-Q | | | |
| | 2.5332 | 2.4414 | 2.5814 | 2.7855 | 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 | 0.8381 | 0.8965 | 1.1820 | 0.9440 | 1.2302 | 1.0025 | 1.2620 | 0.5806 |
| | 2.2756 | 2.1280 | 1.6148 | 2.0270 | 1.5560 | 1.9141 | 1.5186 | 2.9898 |
| 9 | 0.8965 | 1.1731 | 0.9170 | 1.2230 | 0.9835 | 1.1324 | 1.2846 | 0.6045 |
| | 2.1280 | 1.6263 | 2.0839 | 1.5660 | 1.9499 | 1.6951 | 1.4926 | 2.8899 |
| 10 | 1.1820 | 0.9151 | 1.0092 | 1.0864 | 1.2786 | 1.1068 | 1.2768 | 0.5609 |
| | 1.6148 | 2.0881 | 1.9010 | 1.7660 | 1.5019 | 1.7368 | 1.5021 | 3.0901 |
| 11 | 0.9440 | 1.2193 | 1.0827 | 1.2652 | 1.1170 | 1.3079 | 1.2307 | 0.5195 |
| | 2.0270 | 1.5707 | 1.7720 | 1.5187 | 1.7218 | 1.4676 | 1.5572 | 3.3516 |
| 12 | 1.2302 | 0.9822 | 1.2768 | 1.1162 | 1.0302 | 1.2368 | 0.7308 | |
| | 1.5560 | 1.9525 | 1.5041 | 1.7229 | 1.8682 | 1.5514 | 2.3751 | |
| 13 | 1.0025 | 1.1313 | 1.1050 | 1.3064 | 1.2356 | 0.7439 | 0.3970 | |
| | 1.9141 | 1.6967 | 1.7396 | 1.4693 | 1.5529 | 2.5798 | 4.4355 | |
| 14 | 1.2620 | 1.2834 | 1.2753 | 1.2290 | 0.7292 | 0.3842 | | |
| | 1.5186 | 1.4940 | 1.5038 | 1.5593 | 2.3800 | 4.5385 | | |
| 15 | 0.5806 | 0.6043 | 0.5601 | 0.5186 | F-SUB-Q | | | |
| | 2.9898 | 2.8910 | 3.0942 | 3.3566 | 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 | 0.3637 | 0.3931 | 0.4764 | 0.4160 | 0.4946 | 0.4164 | 0.4672 | 0.2456 |
| | 5.1987 | 4.8100 | 3.9705 | 4.5581 | 3.8349 | 4.5641 | 4.0661 | 7.0138 |
| 9 | 0.3931 | 0.4604 | 0.4043 | 0.4957 | 0.4343 | 0.4442 | 0.4731 | 0.2527 |
| | 4.8100 | 4.1072 | 4.6855 | 3.8287 | 4.3741 | 4.2793 | 4.0170 | 6.8595 |
| 10 | 0.4764 | 0.4034 | 0.4113 | 0.4582 | 0.5147 | 0.4466 | 0.4692 | 0.2383 |
| | 3.9705 | 4.6956 | 4.6196 | 4.1469 | 3.6946 | 4.2595 | 4.0505 | 7.2177 |
| 11 | 0.4160 | 0.4943 | 0.4568 | 0.5107 | 0.4549 | 0.5099 | 0.4475 | 0.2158 |
| | 4.5581 | 3.8391 | 4.1588 | 3.7248 | 4.1835 | 3.7298 | 4.2473 | 8.0085 |
| 12 | 0.4946 | 0.4336 | 0.5139 | 0.4545 | 0.4076 | 0.4562 | 0.3073 | |
| | 3.8349 | 4.3804 | 3.7001 | 4.1865 | 4.6726 | 4.1703 | 5.6029 | |
| 13 | 0.4164 | 0.4438 | 0.4459 | 0.5093 | 0.4558 | 0.3206 | 0.1686 | |
| | 4.5641 | 4.2829 | 4.2658 | 3.7340 | 4.1742 | 5.9372 | *10.3689 | |
| 14 | 0.4672 | 0.4726 | 0.4687 | 0.4469 | 0.3067 | 0.1658 | | |
| | 4.0661 | 4.0208 | 4.0553 | 4.2532 | 5.6146 | *10.4399 | | |
| 15 | 0.2456 | 0.2526 | 0.2381 | 0.2155 | F-SUB-Q | | | |
| | 7.0138 | 6.8620 | 7.2252 | 8.0201 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3915 | 0.4436 | 0.5205 | 0.4662 | 0.5255 | 0.4467 | 0.4688 | 0.2689 |
| | 4.2423 | 4.2477 | 3.6663 | 3.9342 | 3.5485 | 4.0527 | 3.9203 | 6.0760 |
| 9 | 0.4436 | 0.5024 | 0.4579 | 0.5310 | 0.4789 | 0.4588 | 0.4719 | 0.2765 |
| | 4.2477 | 3.8384 | 4.0868 | 3.5703 | 3.8670 | 3.9768 | 3.9141 | 5.9614 |
| 10 | 0.5205 | 0.4574 | 0.4642 | 0.4965 | 0.5333 | 0.4675 | 0.4671 | 0.2585 |
| | 3.6663 | 4.0931 | 4.0545 | 3.8112 | 3.6080 | 3.9866 | 4.0446 | 6.3920 |
| 11 | 0.4662 | 0.5303 | 0.4957 | 0.5292 | 0.4760 | 0.5046 | 0.4443 | 0.2372 |
| | 3.9342 | 3.5738 | 3.8172 | 3.6052 | 3.8565 | 3.7430 | 4.2934 | 7.2479 |
| 12 | 0.5255 | 0.4785 | 0.5328 | 0.4758 | 0.4029 | 0.4403 | 0.3196 | |
| | 3.5485 | 3.8705 | 3.6114 | 3.8585 | 4.1598 | 4.0423 | 5.2306 | |
| 13 | 0.4467 | 0.4585 | 0.4673 | 0.5043 | 0.4401 | 0.3228 | 0.1927 | |
| | 4.0527 | 3.9779 | 3.9887 | 3.7446 | 4.0442 | 5.3415 | 8.5586 | |
| 14 | 0.4688 | 0.4718 | 0.4670 | 0.4441 | 0.3193 | 0.1877 | | |
| | 3.9203 | 3.9148 | 4.0461 | 4.2957 | 5.2359 | 8.7044 | | |
| 15 | 0.2689 | 0.2765 | 0.2584 | 0.2371 | F-SUB-Q | | | |
| | 6.0760 | 5.9619 | 6.3942 | 7.2522 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8508 | 0.9201 | 1.1278 | 0.9569 | 1.1400 | 0.9481 | 1.0940 | 0.5944 |
| | 2.1843 | 2.0906 | 1.7286 | 1.9596 | 1.6722 | 1.9549 | 1.7188 | 2.8139 |
| 9 | 0.9201 | 1.1191 | 0.9415 | 1.1501 | 0.9799 | 1.0223 | 1.1023 | 0.6106 |
| | 2.0906 | 1.7538 | 2.0318 | 1.6817 | 1.9327 | 1.8177 | 1.7149 | 2.7635 |
| 10 | 1.1278 | 0.9405 | 1.0120 | 1.0437 | 1.1578 | 1.0303 | 1.0939 | 0.5680 |
| | 1.7286 | 2.0351 | 1.9019 | 1.8545 | 1.6912 | 1.8456 | 1.7641 | 2.9762 |
| 11 | 0.9569 | 1.1485 | 1.0420 | 1.1521 | 1.0484 | 1.1230 | 1.0527 | 0.5316 |
| | 1.9596 | 1.6834 | 1.8575 | 1.6836 | 1.7907 | 1.7152 | 1.8382 | 3.3055 |
| 12 | 1.1400 | 0.9793 | 1.1570 | 1.0480 | 0.9415 | 1.0617 | 0.7016 | |
| | 1.6722 | 1.9337 | 1.6922 | 1.7915 | 1.8940 | 1.7573 | 2.4328 | |
| 13 | 0.9481 | 1.0220 | 1.0298 | 1.1225 | 1.0612 | 0.7056 | 0.4289 | |
| | 1.9549 | 1.8181 | 1.8464 | 1.7158 | 1.7581 | 2.5816 | 3.9426 | |
| 14 | 1.0940 | 1.1021 | 1.0936 | 1.0522 | 0.7008 | 0.4172 | | |
| | 1.7188 | 1.7152 | 1.7646 | 1.8391 | 2.4354 | 4.0137 | | |
| 15 | 0.5944 | 0.6106 | 0.5678 | 0.5313 | F-SUB-Q | | | |
| | 2.8139 | 2.7636 | 2.9772 | 3.3072 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0614 | 1.1147 | 1.3314 | 1.1564 | 1.3518 | 1.1523 | 1.3037 | 0.7235 |
| | 1.8548 | 1.7598 | 1.4873 | 1.6470 | 1.4316 | 1.6332 | 1.4622 | 2.3469 |
| 9 | 1.1147 | 1.3149 | 1.1347 | 1.3424 | 1.1779 | 1.2510 | 1.3186 | 0.7479 |
| | 1.7598 | 1.5198 | 1.7132 | 1.4632 | 1.6339 | 1.5071 | 1.4565 | 2.2898 |
| 10 | 1.3314 | 1.1333 | 1.2257 | 1.2548 | 1.3432 | 1.2520 | 1.3132 | 0.7000 |
| | 1.4873 | 1.7163 | 1.5948 | 1.5667 | 1.4754 | 1.5413 | 1.4910 | 2.4504 |
| 11 | 1.1564 | 1.3407 | 1.2526 | 1.3402 | 1.2719 | 1.3586 | 1.2760 | 0.6564 |
| | 1.6470 | 1.4638 | 1.5693 | 1.4723 | 1.5043 | 1.4426 | 1.5379 | 2.7153 |
| 12 | 1.3518 | 1.1771 | 1.3415 | 1.2713 | 1.2083 | 1.2879 | 0.8602 | |
| | 1.4316 | 1.6353 | 1.4773 | 1.5052 | 1.5583 | 1.4914 | 2.0204 | |
| 13 | 1.1523 | 1.2507 | 1.2514 | 1.3580 | 1.2873 | 0.8945 | 0.5255 | |
| | 1.6332 | 1.5073 | 1.5419 | 1.4432 | 1.4921 | 2.1129 | 3.2878 | |
| 14 | 1.3037 | 1.3183 | 1.3128 | 1.2753 | 0.8597 | 0.5146 | | |
| | 1.4622 | 1.4567 | 1.4914 | 1.5387 | 2.0217 | 3.3249 | | |
| 15 | 0.7235 | 0.7479 | 0.6997 | 0.6561 | F-SUB-Q | | | |
| | 2.3469 | 2.2899 | 2.4512 | 2.7166 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1740 | 1.2342 | 1.5166 | 1.2793 | 1.5393 | 1.2740 | 1.4913 | 0.7878 |
| | 1.7165 | 1.6199 | 1.3250 | 1.5108 | 1.2750 | 1.4981 | 1.2948 | 2.1849 |
| 9 | 1.2342 | 1.4961 | 1.2551 | 1.5224 | 1.3025 | 1.3995 | 1.5098 | 0.8145 |
| | 1.6199 | 1.3590 | 1.5724 | 1.3078 | 1.4991 | 1.3648 | 1.2889 | 2.1312 |
| 10 | 1.5166 | 1.2535 | 1.3555 | 1.3940 | 1.5304 | 1.3941 | 1.5044 | 0.7595 |
| | 1.3250 | 1.5755 | 1.4630 | 1.4303 | 1.3192 | 1.4048 | 1.3165 | 2.2882 |
| 11 | 1.2793 | 1.5204 | 1.3914 | 1.5288 | 1.4194 | 1.5579 | 1.4677 | 0.7150 |
| | 1.5108 | 1.3083 | 1.4328 | 1.3134 | 1.3725 | 1.2799 | 1.3578 | 2.5240 |
| 12 | 1.5393 | 1.3015 | 1.5293 | 1.4187 | 1.3495 | 1.4825 | 0.9377 | |
| | 1.2750 | 1.5004 | 1.3203 | 1.3733 | 1.4261 | 1.3227 | 1.8879 | |
| 13 | 1.2740 | 1.3992 | 1.3934 | 1.5573 | 1.4818 | 0.9941 | 0.5680 | |
| | 1.4981 | 1.3651 | 1.4052 | 1.2804 | 1.3233 | 1.9455 | 3.1051 | |
| 14 | 1.4913 | 1.5094 | 1.5040 | 1.4670 | 0.9367 | 0.5566 | | |
| | 1.2948 | 1.2891 | 1.3169 | 1.3585 | 1.8898 | 3.1382 | | |
| 15 | 0.7878 | 0.8145 | 0.7593 | 0.7147 | F-SUB-Q | | | |
| | 2.1849 | 2.1313 | 2.2890 | 2.5253 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2220 | 1.2904 | 1.6111 | 1.3385 | 1.6309 | 1.3273 | 1.5837 | 0.8228 |
| | 1.6856 | 1.5812 | 1.2676 | 1.4681 | 1.2229 | 1.4611 | 1.2376 | 2.1249 |
| 9 | 1.2904 | 1.5867 | 1.3132 | 1.6137 | 1.3611 | 1.4668 | 1.6038 | 0.8543 |
| | 1.5812 | 1.3061 | 1.5278 | 1.2541 | 1.4574 | 1.3218 | 1.2314 | 2.0638 |
| 10 | 1.6111 | 1.3114 | 1.4120 | 1.4630 | 1.6319 | 1.4597 | 1.5991 | 0.7947 |
| | 1.2676 | 1.5309 | 1.4265 | 1.3838 | 1.2596 | 1.3630 | 1.2553 | 2.2198 |
| 11 | 1.3385 | 1.6115 | 1.4602 | 1.6302 | 1.4901 | 1.6548 | 1.5644 | 0.7499 |
| | 1.4681 | 1.2555 | 1.3863 | 1.2555 | 1.3329 | 1.2280 | 1.2972 | 2.4396 |
| 12 | 1.6309 | 1.3601 | 1.6307 | 1.4894 | 1.4120 | 1.5795 | 0.9863 | |
| | 1.2229 | 1.4587 | 1.2607 | 1.3337 | 1.3919 | 1.2669 | 1.8309 | |
| 13 | 1.3273 | 1.4665 | 1.4590 | 1.6541 | 1.5788 | 1.0473 | 0.5931 | |
| | 1.4611 | 1.3220 | 1.3634 | 1.2286 | 1.2675 | 1.8873 | 3.0396 | |
| 14 | 1.5837 | 1.6034 | 1.5986 | 1.5636 | 0.9854 | 0.5811 | | |
| | 1.2376 | 1.2316 | 1.2557 | 1.2979 | 1.8325 | 3.0728 | | |
| 15 | 0.8228 | 0.8543 | 0.7944 | 0.7496 | F-SUB-Q | | | |
| | 2.1249 | 2.0639 | 2.2206 | 2.4408 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2440 | 1.3187 | 1.6588 | 1.3675 | 1.6754 | 1.3511 | 1.6285 | 0.8424 |
| | 1.6865 | 1.5740 | 1.2530 | 1.4643 | 1.2126 | 1.4594 | 1.2246 | 2.1141 |
| 9 | 1.3187 | 1.6313 | 1.3419 | 1.6615 | 1.3897 | 1.4979 | 1.6496 | 0.8762 |
| | 1.5740 | 1.2917 | 1.5221 | 1.2388 | 1.4530 | 1.3170 | 1.2178 | 2.0489 |
| 10 | 1.6588 | 1.3400 | 1.4382 | 1.4983 | 1.6841 | 1.4905 | 1.6453 | 0.8168 |
| | 1.2530 | 1.5252 | 1.4240 | 1.3736 | 1.2399 | 1.3572 | 1.2388 | 2.1963 |
| 11 | 1.3675 | 1.6582 | 1.4953 | 1.6822 | 1.5250 | 1.7028 | 1.6120 | 0.7693 |
| | 1.4643 | 1.2410 | 1.3762 | 1.2389 | 1.3264 | 1.2154 | 1.2801 | 2.4130 |
| 12 | 1.6754 | 1.3885 | 1.6827 | 1.5243 | 1.4409 | 1.6267 | 1.0161 | |
| | 1.2126 | 1.4544 | 1.2409 | 1.3272 | 1.3929 | 1.2570 | 1.8136 | |
| 13 | 1.3511 | 1.4976 | 1.4897 | 1.7021 | 1.6259 | 1.0765 | 0.6083 | |
| | 1.4594 | 1.3172 | 1.3577 | 1.2159 | 1.2575 | 1.8804 | 3.0348 | |
| 14 | 1.6285 | 1.6492 | 1.6448 | 1.6112 | 1.0158 | 0.5957 | | |
| | 1.2246 | 1.2180 | 1.2392 | 1.2807 | 1.8142 | 3.0694 | | |
| 15 | 0.8424 | 0.8761 | 0.8165 | 0.7689 | F-SUB-Q | | | |
| | 2.1141 | 2.0490 | 2.1971 | 2.4142 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2624 | 1.3408 | 1.7031 | 1.3909 | 1.7175 | 1.3707 | 1.6716 | 0.8496 |
| | 1.6889 | 1.5679 | 1.2447 | 1.4712 | 1.2088 | 1.4669 | 1.2182 | 2.1410 |
| 9 | 1.3408 | 1.6743 | 1.3652 | 1.7086 | 1.4129 | 1.5253 | 1.6938 | 0.8842 |
| | 1.5679 | 1.2743 | 1.5263 | 1.2291 | 1.4584 | 1.3201 | 1.2106 | 2.0738 |
| 10 | 1.7031 | 1.3632 | 1.4610 | 1.5286 | 1.7336 | 1.5168 | 1.6896 | 0.8216 |
| | 1.2447 | 1.5295 | 1.4261 | 1.3703 | 1.2203 | 1.3540 | 1.2279 | 2.2267 |
| 11 | 1.3909 | 1.7051 | 1.5254 | 1.7304 | 1.5548 | 1.7478 | 1.6565 | 0.7756 |
| | 1.4712 | 1.2314 | 1.3729 | 1.2233 | 1.3219 | 1.2031 | 1.2619 | 2.4286 |
| 12 | 1.7175 | 1.4117 | 1.7321 | 1.5541 | 1.4654 | 1.6707 | 1.0263 | |
| | 1.2088 | 1.4597 | 1.2214 | 1.3227 | 1.3992 | 1.2499 | 1.8294 | |
| 13 | 1.3707 | 1.5249 | 1.5159 | 1.7471 | 1.6699 | 1.0912 | 0.6120 | |
| | 1.4669 | 1.3204 | 1.3548 | 1.2036 | 1.2505 | 1.8953 | 3.0827 | |
| 14 | 1.6716 | 1.6934 | 1.6891 | 1.6557 | 1.0255 | 0.5985 | | |
| | 1.2182 | 1.2107 | 1.2283 | 1.2625 | 1.8307 | 3.1219 | | |
| 15 | 0.8496 | 0.8841 | 0.8212 | 0.7752 | F-SUB-Q | | | |
| | 2.1410 | 2.0739 | 2.2276 | 2.4298 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2703 | 1.3514 | 1.7265 | 1.4018 | 1.7388 | 1.3784 | 1.6939 | 0.8533 |
| | 1.7147 | 1.5908 | 1.2541 | 1.4968 | 1.2244 | 1.4933 | 1.2320 | 2.1855 |
| 9 | 1.3514 | 1.6967 | 1.3765 | 1.7336 | 1.4237 | 1.5381 | 1.7169 | 0.8886 |
| | 1.5908 | 1.2858 | 1.5472 | 1.2396 | 1.4810 | 1.3410 | 1.2233 | 2.1149 |
| 10 | 1.7265 | 1.3744 | 1.4710 | 1.5441 | 1.7604 | 1.5285 | 1.7127 | 0.8252 |
| | 1.2541 | 1.5505 | 1.4425 | 1.3809 | 1.2271 | 1.3707 | 1.2364 | 2.2673 |
| 11 | 1.4018 | 1.7300 | 1.5408 | 1.7562 | 1.5694 | 1.7713 | 1.6800 | 0.7790 |
| | 1.4968 | 1.2419 | 1.3835 | 1.2294 | 1.3355 | 1.2100 | 1.2689 | 2.4567 |
| 12 | 1.7388 | 1.4224 | 1.7588 | 1.5686 | 1.4760 | 1.6936 | 1.0334 | |
| | 1.2244 | 1.4824 | 1.2282 | 1.3363 | 1.4135 | 1.2549 | 1.8494 | |
| 13 | 1.3784 | 1.5376 | 1.5276 | 1.7706 | 1.6928 | 1.0993 | 0.6141 | |
| | 1.4933 | 1.3413 | 1.3713 | 1.2105 | 1.2555 | 1.9187 | 3.1257 | |
| 14 | 1.6939 | 1.7164 | 1.7121 | 1.6791 | 1.0328 | 0.5999 | | |
| | 1.2320 | 1.2235 | 1.2368 | 1.2695 | 1.8505 | 3.1687 | | |
| 15 | 0.8533 | 0.8886 | 0.8248 | 0.7786 | F-SUB-Q | | | |
| | 2.1855 | 2.1150 | 2.2682 | 2.4579 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2778 | 1.3603 | 1.7495 | 1.4107 | 1.7600 | 1.3855 | 1.7157 | 0.8534 |
| | 1.7617 | 1.6198 | 1.2701 | 1.5315 | 1.2458 | 1.5284 | 1.2520 | 2.2495 |
| 9 | 1.3603 | 1.7193 | 1.3859 | 1.7580 | 1.4322 | 1.5500 | 1.7392 | 0.8869 |
| | 1.6198 | 1.2997 | 1.5773 | 1.2559 | 1.5112 | 1.3689 | 1.2409 | 2.1808 |
| 10 | 1.7495 | 1.3838 | 1.4801 | 1.5577 | 1.7859 | 1.5386 | 1.7349 | 0.8246 |
| | 1.2701 | 1.5803 | 1.4684 | 1.4023 | 1.2375 | 1.3933 | 1.2507 | 2.3295 |
| 11 | 1.4107 | 1.7542 | 1.5543 | 1.7807 | 1.5820 | 1.7937 | 1.7020 | 0.7772 |
| | 1.5315 | 1.2583 | 1.4051 | 1.2473 | 1.3630 | 1.2288 | 1.2820 | 2.5172 |
| 12 | 1.7600 | 1.4310 | 1.7842 | 1.5812 | 1.4854 | 1.7154 | 1.0346 | |
| | 1.2458 | 1.5127 | 1.2386 | 1.3637 | 1.4474 | 1.2746 | 1.8988 | |
| 13 | 1.3855 | 1.5495 | 1.5376 | 1.7929 | 1.7146 | 1.1031 | 0.6133 | |
| | 1.5284 | 1.3693 | 1.3942 | 1.2293 | 1.2752 | 1.9671 | 3.2151 | |
| 14 | 1.7157 | 1.7387 | 1.7342 | 1.7011 | 1.0340 | 0.5984 | | |
| | 1.2520 | 1.2412 | 1.2512 | 1.2827 | 1.8997 | 3.2630 | | |
| 15 | 0.8534 | 0.8868 | 0.8243 | 0.7767 | F-SUB-Q | | | |
| | 2.2495 | 2.1809 | 2.3305 | 2.5187 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2695 | 1.3537 | 1.7360 | 1.4017 | 1.7445 | 1.3758 | 1.7014 | 0.8584 |
| | 1.8249 | 1.6768 | 1.3216 | 1.5946 | 1.3006 | 1.5923 | 1.3056 | 2.3150 |
| 9 | 1.3537 | 1.7057 | 1.3778 | 1.7444 | 1.4242 | 1.5388 | 1.7248 | 0.8942 |
| | 1.6768 | 1.3494 | 1.6381 | 1.3070 | 1.5679 | 1.4252 | 1.2915 | 2.2360 |
| 10 | 1.7360 | 1.3757 | 1.4702 | 1.5491 | 1.7727 | 1.5267 | 1.7204 | 0.8333 |
| | 1.3216 | 1.6414 | 1.5246 | 1.4545 | 1.2828 | 1.4444 | 1.2991 | 2.3781 |
| 11 | 1.4017 | 1.7404 | 1.5457 | 1.7698 | 1.5730 | 1.7793 | 1.6885 | 0.7836 |
| | 1.5946 | 1.3095 | 1.4572 | 1.2884 | 1.4082 | 1.2714 | 1.3274 | 2.5694 |
| 12 | 1.7445 | 1.4230 | 1.7710 | 1.5723 | 1.4741 | 1.7013 | 1.0462 | |
| | 1.3006 | 1.5695 | 1.2840 | 1.4090 | 1.5067 | 1.3272 | 1.9308 | |
| 13 | 1.3758 | 1.5382 | 1.5257 | 1.7785 | 1.7005 | 1.1070 | 0.6185 | |
| | 1.5923 | 1.4256 | 1.4454 | 1.2720 | 1.3279 | 2.0303 | 3.2889 | |
| 14 | 1.7014 | 1.7243 | 1.7197 | 1.6876 | 1.0458 | 0.6038 | | |
| | 1.3056 | 1.2919 | 1.2996 | 1.3281 | 1.9313 | 3.3361 | | |
| 15 | 0.8584 | 0.8942 | 0.8329 | 0.7831 | F-SUB-Q | | | |
| | 2.3150 | 2.2362 | 2.3791 | 2.5708 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2802 | 1.3655 | 1.7695 | 1.4144 | 1.7762 | 1.3886 | 1.7348 | 0.8524 |
| | 1.8760 | 1.7265 | 1.3461 | 1.6433 | 1.3286 | 1.6398 | 1.3306 | 2.4194 |
| 9 | 1.3655 | 1.7392 | 1.3910 | 1.7796 | 1.4356 | 1.5573 | 1.7591 | 0.8878 |
| | 1.7265 | 1.3743 | 1.6845 | 1.3301 | 1.6140 | 1.4628 | 1.3140 | 2.3388 |
| 10 | 1.7695 | 1.3888 | 1.4833 | 1.5679 | 1.8093 | 1.5422 | 1.7543 | 0.8243 |
| | 1.3461 | 1.6877 | 1.5679 | 1.4906 | 1.3029 | 1.4819 | 1.3198 | 2.4922 |
| 11 | 1.4144 | 1.7755 | 1.5642 | 1.8040 | 1.5904 | 1.8121 | 1.7217 | 0.7771 |
| | 1.6433 | 1.3328 | 1.4937 | 1.3091 | 1.4423 | 1.2926 | 1.3477 | 2.6795 |
| 12 | 1.7762 | 1.4343 | 1.8075 | 1.5897 | 1.4885 | 1.7339 | 1.0382 | |
| | 1.3286 | 1.6156 | 1.3041 | 1.4430 | 1.5413 | 1.3446 | 2.0101 | |
| 13 | 1.3886 | 1.5566 | 1.5411 | 1.8113 | 1.7330 | 1.1066 | 0.6119 | |
| | 1.6398 | 1.4633 | 1.4829 | 1.2931 | 1.3452 | 2.0931 | 3.4232 | |
| 14 | 1.7348 | 1.7585 | 1.7536 | 1.7208 | 1.0376 | 0.5962 | | |
| | 1.3306 | 1.3144 | 1.3203 | 1.3484 | 2.0111 | 3.4794 | | |
| 15 | 0.8524 | 0.8877 | 0.8239 | 0.7766 | F-SUB-Q | | | |
| | 2.4194 | 2.3390 | 2.4932 | 2.6811 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2813 | 1.3677 | 1.7786 | 1.4158 | 1.7836 | 1.3900 | 1.7437 | 0.8519 |
| | 1.9224 | 1.7649 | 1.3822 | 1.6975 | 1.3778 | 1.7095 | 1.3810 | 2.5238 |
| 9 | 1.3677 | 1.7482 | 1.3930 | 1.7888 | 1.4365 | 1.5606 | 1.7684 | 0.8884 |
| | 1.7649 | 1.4082 | 1.7285 | 1.3770 | 1.6778 | 1.5224 | 1.3623 | 2.4363 |
| 10 | 1.7786 | 1.3908 | 1.4843 | 1.5721 | 1.8192 | 1.5435 | 1.7634 | 0.8241 |
| | 1.3822 | 1.7318 | 1.6212 | 1.5467 | 1.3489 | 1.5408 | 1.3669 | 2.5951 |
| 11 | 1.4158 | 1.7845 | 1.5683 | 1.8133 | 1.5938 | 1.8207 | 1.7310 | 0.7771 |
| | 1.6975 | 1.3801 | 1.5500 | 1.3566 | 1.4991 | 1.3397 | 1.3944 | 2.7835 |
| 12 | 1.7836 | 1.4353 | 1.8173 | 1.5931 | 1.4896 | 1.7424 | 1.0398 | |
| | 1.3778 | 1.6795 | 1.3502 | 1.4999 | 1.6023 | 1.3915 | 2.0871 | |
| 13 | 1.3900 | 1.5600 | 1.5423 | 1.8199 | 1.7415 | 1.1079 | 0.6113 | |
| | 1.7095 | 1.5229 | 1.5418 | 1.3403 | 1.3921 | 2.1716 | 3.5558 | |
| 14 | 1.7437 | 1.7677 | 1.7626 | 1.7300 | 1.0392 | 0.5952 | | |
| | 1.3810 | 1.3627 | 1.3675 | 1.3951 | 2.0881 | 3.6172 | | |
| 15 | 0.8519 | 0.8883 | 0.8237 | 0.7765 | F-SUB-Q | | | |
| | 2.5238 | 2.4365 | 2.5962 | 2.7851 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2759 | 1.3614 | 1.7665 | 1.4074 | 1.7699 | 1.3819 | 1.7324 | 0.8560 |
| | 1.8792 | 1.7282 | 1.3568 | 1.6641 | 1.3534 | 1.6945 | 1.3829 | 2.5009 |
| 9 | 1.3614 | 1.7363 | 1.3854 | 1.7761 | 1.4286 | 1.5515 | 1.7570 | 0.8930 |
| | 1.7282 | 1.3827 | 1.6941 | 1.3526 | 1.6449 | 1.5147 | 1.3677 | 2.4124 |
| 10 | 1.7665 | 1.3832 | 1.4749 | 1.5642 | 1.8069 | 1.5330 | 1.7519 | 0.8314 |
| | 1.3568 | 1.6973 | 1.5910 | 1.5163 | 1.3378 | 1.5314 | 1.3749 | 2.5658 |
| 11 | 1.4074 | 1.7718 | 1.5606 | 1.8031 | 1.5858 | 1.8088 | 1.7204 | 0.7807 |
| | 1.6641 | 1.3557 | 1.5194 | 1.3437 | 1.4835 | 1.3416 | 1.4067 | 2.7739 |
| 12 | 1.7699 | 1.4273 | 1.8049 | 1.5852 | 1.4798 | 1.7309 | 1.0492 | |
| | 1.3534 | 1.6466 | 1.3393 | 1.4842 | 1.6060 | 1.4081 | 2.0711 | |
| 13 | 1.3819 | 1.5508 | 1.5318 | 1.8080 | 1.7300 | 1.1108 | 0.6149 | |
| | 1.6945 | 1.5152 | 1.5324 | 1.3422 | 1.4088 | 2.1785 | 3.5640 | |
| 14 | 1.7324 | 1.7564 | 1.7511 | 1.7194 | 1.0488 | 0.5989 | | |
| | 1.3829 | 1.3682 | 1.3755 | 1.4074 | 2.0718 | 3.6239 | | |
| 15 | 0.8560 | 0.8929 | 0.8310 | 0.7802 | F-SUB-Q | | | |
| | 2.5009 | 2.4127 | 2.5670 | 2.7756 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2831 | 1.3717 | 1.7969 | 1.4185 | 1.7985 | 1.3939 | 1.7646 | 0.8495 |
| | 1.8293 | 1.6761 | 1.3048 | 1.6142 | 1.3031 | 1.6426 | 1.3279 | 2.4579 |
| 9 | 1.3717 | 1.7668 | 1.3968 | 1.8079 | 1.4379 | 1.5689 | 1.7898 | 0.8860 |
| | 1.6761 | 1.3292 | 1.6419 | 1.2999 | 1.5984 | 1.4651 | 1.3127 | 2.3731 |
| 10 | 1.7969 | 1.3945 | 1.4858 | 1.5807 | 1.8402 | 1.5468 | 1.7843 | 0.8222 |
| | 1.3048 | 1.6450 | 1.5442 | 1.4672 | 1.2839 | 1.4840 | 1.3193 | 2.5319 |
| 11 | 1.4185 | 1.8033 | 1.5767 | 1.8342 | 1.6008 | 1.8399 | 1.7530 | 0.7739 |
| | 1.6142 | 1.3029 | 1.4704 | 1.2907 | 1.4358 | 1.2880 | 1.3478 | 2.7293 |
| 12 | 1.7985 | 1.4366 | 1.8382 | 1.6002 | 1.4926 | 1.7621 | 1.0412 | |
| | 1.3031 | 1.6000 | 1.2853 | 1.4365 | 1.5547 | 1.3496 | 2.0365 | |
| 13 | 1.3939 | 1.5681 | 1.5455 | 1.8391 | 1.7612 | 1.1099 | 0.6081 | |
| | 1.6426 | 1.4657 | 1.4850 | 1.2885 | 1.3503 | 2.1264 | 3.5101 | |
| 14 | 1.7646 | 1.7891 | 1.7835 | 1.7521 | 1.0407 | 0.5911 | | |
| | 1.3279 | 1.3132 | 1.3199 | 1.3486 | 2.0373 | 3.5756 | | |
| 15 | 0.8495 | 0.8859 | 0.8218 | 0.7734 | F-SUB-Q | | | |
| | 2.4579 | 2.3733 | 2.5331 | 2.7311 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2853 | 1.3753 | 1.8095 | 1.4218 | 1.8096 | 1.3983 | 1.7792 | 0.8478 |
| | 1.7578 | 1.6089 | 1.2478 | 1.5506 | 1.2475 | 1.5769 | 1.2695 | 2.3691 |
| 9 | 1.3753 | 1.7793 | 1.4005 | 1.8206 | 1.4401 | 1.5764 | 1.8046 | 0.8833 |
| | 1.6089 | 1.2708 | 1.5764 | 1.2441 | 1.5368 | 1.4051 | 1.2556 | 2.2899 |
| 10 | 1.8095 | 1.3981 | 1.4881 | 1.5872 | 1.8542 | 1.5511 | 1.7989 | 0.8203 |
| | 1.2477 | 1.5794 | 1.4844 | 1.4081 | 1.2302 | 1.4267 | 1.2624 | 2.4408 |
| 11 | 1.4218 | 1.8159 | 1.5832 | 1.8473 | 1.6066 | 1.8537 | 1.7686 | 0.7706 |
| | 1.5506 | 1.2470 | 1.4113 | 1.2377 | 1.3810 | 1.2350 | 1.2892 | 2.6347 |
| 12 | 1.8096 | 1.4388 | 1.8522 | 1.6060 | 1.4965 | 1.7760 | 1.0406 | |
| | 1.2475 | 1.5383 | 1.2316 | 1.3817 | 1.4985 | 1.2938 | 1.9616 | |
| 13 | 1.3983 | 1.5756 | 1.5498 | 1.8528 | 1.7751 | 1.1109 | 0.6055 | |
| | 1.5769 | 1.4057 | 1.4277 | 1.2356 | 1.2945 | 2.0470 | 3.3833 | |
| 14 | 1.7792 | 1.8039 | 1.7981 | 1.7676 | 1.0403 | 0.5881 | | |
| | 1.2695 | 1.2561 | 1.2629 | 1.2899 | 1.9620 | 3.4498 | | |
| 15 | 0.8478 | 0.8832 | 0.8199 | 0.7701 | F-SUB-Q | | | |
| | 2.3691 | 2.2901 | 2.4419 | 2.6364 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2839 | 1.3744 | 1.8115 | 1.4199 | 1.8107 | 1.3978 | 1.7833 | 0.8479 |
| | 1.6990 | 1.5542 | 1.2029 | 1.4990 | 1.2033 | 1.5225 | 1.2218 | 2.2864 |
| 9 | 1.3744 | 1.7817 | 1.3989 | 1.8222 | 1.4381 | 1.5781 | 1.8092 | 0.8859 |
| | 1.5542 | 1.2248 | 1.5236 | 1.1996 | 1.4853 | 1.3542 | 1.2078 | 2.2035 |
| 10 | 1.8115 | 1.3965 | 1.4862 | 1.5873 | 1.8566 | 1.5496 | 1.8034 | 0.8215 |
| | 1.2029 | 1.5266 | 1.4346 | 1.3587 | 1.1850 | 1.3771 | 1.2141 | 2.3513 |
| 11 | 1.4199 | 1.8174 | 1.5832 | 1.8504 | 1.6064 | 1.8576 | 1.7732 | 0.7733 |
| | 1.4990 | 1.2025 | 1.3618 | 1.1915 | 1.3319 | 1.1876 | 1.2387 | 2.5319 |
| 12 | 1.8107 | 1.4368 | 1.8544 | 1.6058 | 1.4953 | 1.7796 | 1.0440 | |
| | 1.2033 | 1.4868 | 1.1864 | 1.3325 | 1.4456 | 1.2434 | 1.8835 | |
| 13 | 1.3978 | 1.5773 | 1.5482 | 1.8567 | 1.7787 | 1.1126 | 0.6057 | |
| | 1.5225 | 1.3548 | 1.3781 | 1.1881 | 1.2440 | 1.9684 | 3.2586 | |
| 14 | 1.7833 | 1.8085 | 1.8025 | 1.7722 | 1.0436 | 0.5881 | | |
| | 1.2218 | 1.2083 | 1.2146 | 1.2394 | 1.8842 | 3.3235 | | |
| 15 | 0.8479 | 0.8858 | 0.8211 | 0.7727 | F-SUB-Q | | | |
| | 2.2864 | 2.2038 | 2.3525 | 2.5337 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2798 | 1.3670 | 1.7968 | 1.4108 | 1.7957 | 1.3910 | 1.7712 | 0.8517 |
| | 1.7790 | 1.6346 | 1.2685 | 1.5789 | 1.2691 | 1.6003 | 1.2860 | 2.3822 |
| 9 | 1.3670 | 1.7670 | 1.3901 | 1.8059 | 1.4303 | 1.5706 | 1.7978 | 0.8904 |
| | 1.6347 | 1.2913 | 1.6046 | 1.2658 | 1.5631 | 1.4227 | 1.2703 | 2.2933 |
| 10 | 1.7968 | 1.3881 | 1.4763 | 1.5784 | 1.8407 | 1.5394 | 1.7919 | 0.8282 |
| | 1.2685 | 1.6074 | 1.5109 | 1.4290 | 1.2490 | 1.4485 | 1.2765 | 2.4385 |
| 11 | 1.4108 | 1.8011 | 1.5745 | 1.8358 | 1.5972 | 1.8459 | 1.7623 | 0.7765 |
| | 1.5789 | 1.2690 | 1.4321 | 1.2546 | 1.3993 | 1.2477 | 1.3010 | 2.6348 |
| 12 | 1.7957 | 1.4281 | 1.8386 | 1.5967 | 1.4858 | 1.7674 | 1.0527 | |
| | 1.2691 | 1.5647 | 1.2504 | 1.3999 | 1.5185 | 1.3057 | 1.9497 | |
| 13 | 1.3910 | 1.5698 | 1.5380 | 1.8450 | 1.7665 | 1.1147 | 0.6085 | |
| | 1.6003 | 1.4234 | 1.4497 | 1.2482 | 1.3064 | 2.0492 | 3.3858 | |
| 14 | 1.7712 | 1.7970 | 1.7910 | 1.7612 | 1.0521 | 0.5910 | | |
| | 1.2860 | 1.2708 | 1.2771 | 1.3018 | 1.9507 | 3.4518 | | |
| 15 | 0.8517 | 0.8902 | 0.8278 | 0.7759 | F-SUB-Q | | | |
| | 2.3822 | 2.2937 | 2.4398 | 2.6367 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2805 | 1.3714 | 1.8202 | 1.4162 | 1.8189 | 1.3991 | 1.7996 | 0.8406 |
| | 1.7178 | 1.5760 | 1.2117 | 1.5240 | 1.2137 | 1.5430 | 1.2267 | 2.3408 |
| 9 | 1.3714 | 1.7909 | 1.3954 | 1.8302 | 1.4331 | 1.5851 | 1.8269 | 0.8775 |
| | 1.5760 | 1.2316 | 1.5477 | 1.2088 | 1.5099 | 1.3664 | 1.2106 | 2.2576 |
| 10 | 1.8202 | 1.3930 | 1.4822 | 1.5887 | 1.8668 | 1.5496 | 1.8207 | 0.8145 |
| | 1.2117 | 1.5508 | 1.4566 | 1.3740 | 1.1905 | 1.3932 | 1.2159 | 2.4041 |
| 11 | 1.4162 | 1.8252 | 1.5844 | 1.8593 | 1.6066 | 1.8734 | 1.7913 | 0.7644 |
| | 1.5240 | 1.2119 | 1.3773 | 1.1966 | 1.3440 | 1.1874 | 1.2367 | 2.5925 |
| 12 | 1.8189 | 1.4318 | 1.8646 | 1.6061 | 1.4947 | 1.7945 | 1.0386 | |
| | 1.2137 | 1.5115 | 1.1918 | 1.3446 | 1.4538 | 1.2396 | 1.9082 | |
| 13 | 1.3991 | 1.5842 | 1.5481 | 1.8725 | 1.7935 | 1.1084 | 0.5980 | |
| | 1.5430 | 1.3670 | 1.3944 | 1.1879 | 1.2403 | 1.9859 | 3.3303 | |
| 14 | 1.7996 | 1.8262 | 1.8198 | 1.7902 | 1.0383 | 0.5798 | | |
| | 1.2267 | 1.2111 | 1.2164 | 1.2374 | 1.9084 | 3.4019 | | |
| 15 | 0.8406 | 0.8774 | 0.8140 | 0.7638 | F-SUB-Q | | | |
| | 2.3408 | 2.2579 | 2.4053 | 2.5944 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2694 | 1.3587 | 1.8058 | 1.4030 | 1.8057 | 1.3900 | 1.7909 | 0.8319 |
| | 1.6681 | 1.5343 | 1.1779 | 1.4847 | 1.1793 | 1.4986 | 1.1886 | 2.2837 |
| 9 | 1.3587 | 1.7775 | 1.3823 | 1.8152 | 1.4199 | 1.5773 | 1.8190 | 0.8688 |
| | 1.5343 | 1.1962 | 1.5077 | 1.1754 | 1.4703 | 1.3245 | 1.1720 | 2.2012 |
| 10 | 1.8058 | 1.3798 | 1.4698 | 1.5767 | 1.8527 | 1.5385 | 1.8127 | 0.8063 |
| | 1.1779 | 1.5108 | 1.4173 | 1.3353 | 1.1560 | 1.3526 | 1.1769 | 2.3436 |
| 11 | 1.4030 | 1.8101 | 1.5723 | 1.8451 | 1.5944 | 1.8646 | 1.7831 | 0.7563 |
| | 1.4847 | 1.1786 | 1.3387 | 1.1617 | 1.3051 | 1.1488 | 1.1966 | 2.5276 |
| 12 | 1.8057 | 1.4186 | 1.8504 | 1.5939 | 1.4837 | 1.7847 | 1.0297 | |
| | 1.1793 | 1.4719 | 1.1574 | 1.3057 | 1.4080 | 1.1989 | 1.8538 | |
| 13 | 1.3900 | 1.5763 | 1.5369 | 1.8636 | 1.7837 | 1.0986 | 0.5906 | |
| | 1.4986 | 1.3251 | 1.3539 | 1.1493 | 1.1995 | 1.9277 | 3.2503 | |
| 14 | 1.7909 | 1.8182 | 1.8117 | 1.7819 | 1.0295 | 0.5724 | | |
| | 1.1886 | 1.1725 | 1.1775 | 1.1972 | 1.8540 | 3.3215 | | |
| 15 | 0.8319 | 0.8686 | 0.8059 | 0.7557 | F-SUB-Q | | | |
| | 2.2837 | 2.2016 | 2.3448 | 2.5296 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2400 | 1.3217 | 1.7394 | 1.3632 | 1.7423 | 1.3559 | 1.7303 | 0.8221 |
| | 1.6558 | 1.5292 | 1.1851 | 1.4820 | 1.1847 | 1.4896 | 1.1921 | 2.2427 |
| 9 | 1.3217 | 1.7134 | 1.3432 | 1.7470 | 1.3848 | 1.5372 | 1.7581 | 0.8602 |
| | 1.5292 | 1.2025 | 1.5049 | 1.1836 | 1.4627 | 1.3173 | 1.1747 | 2.1571 |
| 10 | 1.7394 | 1.3408 | 1.4319 | 1.5327 | 1.7837 | 1.4976 | 1.7517 | 0.8002 |
| | 1.1851 | 1.5078 | 1.4108 | 1.3314 | 1.1631 | 1.3455 | 1.1795 | 2.2909 |
| 11 | 1.3632 | 1.7421 | 1.5286 | 1.7792 | 1.5512 | 1.8044 | 1.7223 | 0.7489 |
| | 1.4820 | 1.1869 | 1.3346 | 1.1666 | 1.2994 | 1.1491 | 1.1990 | 2.4756 |
| 12 | 1.7423 | 1.3825 | 1.7815 | 1.5507 | 1.4446 | 1.7234 | 1.0216 | |
| | 1.1847 | 1.4652 | 1.1644 | 1.2999 | 1.4000 | 1.2008 | 1.8096 | |
| 13 | 1.3559 | 1.5363 | 1.4961 | 1.8033 | 1.7224 | 1.0792 | 0.5841 | |
| | 1.4896 | 1.3180 | 1.3468 | 1.1497 | 1.2015 | 1.8997 | 3.1866 | |
| 14 | 1.7303 | 1.7572 | 1.7507 | 1.7211 | 1.0210 | 0.5668 | | |
| | 1.1921 | 1.1753 | 1.1801 | 1.1998 | 1.8105 | 3.2519 | | |
| 15 | 0.8221 | 0.8600 | 0.7997 | 0.7483 | F-SUB-Q | | | |
| | 2.2427 | 2.1575 | 2.2921 | 2.4775 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2006 | 1.2778 | 1.6799 | 1.3194 | 1.6874 | 1.3176 | 1.6778 | 0.7827 |
| | 1.6671 | 1.5418 | 1.1954 | 1.4927 | 1.1919 | 1.4947 | 1.1975 | 2.2974 |
| 9 | 1.2778 | 1.6576 | 1.3003 | 1.6880 | 1.3380 | 1.4957 | 1.7055 | 0.8188 |
| | 1.5418 | 1.2108 | 1.5154 | 1.1934 | 1.4746 | 1.3192 | 1.1792 | 2.2106 |
| 10 | 1.6799 | 1.2979 | 1.3927 | 1.4877 | 1.7235 | 1.4572 | 1.6988 | 0.7598 |
| | 1.1954 | 1.5186 | 1.4140 | 1.3365 | 1.1721 | 1.3474 | 1.1842 | 2.3528 |
| 11 | 1.3194 | 1.6831 | 1.4833 | 1.7180 | 1.5045 | 1.7503 | 1.6677 | 0.7123 |
| | 1.4927 | 1.1968 | 1.3401 | 1.1764 | 1.3048 | 1.1529 | 1.2053 | 2.5384 |
| 12 | 1.6874 | 1.3367 | 1.7213 | 1.5040 | 1.4044 | 1.6688 | 0.9715 | |
| | 1.1919 | 1.4761 | 1.1735 | 1.3054 | 1.4025 | 1.2067 | 1.8536 | |
| 13 | 1.3176 | 1.4948 | 1.4557 | 1.7493 | 1.6678 | 1.0319 | 0.5548 | |
| | 1.4947 | 1.3199 | 1.3487 | 1.1535 | 1.2074 | 1.9353 | 3.2716 | |
| 14 | 1.6778 | 1.7047 | 1.6978 | 1.6665 | 0.9707 | 0.5376 | | |
| | 1.1975 | 1.1797 | 1.1849 | 1.2061 | 1.8549 | 3.3439 | | |
| 15 | 0.7827 | 0.8186 | 0.7594 | 0.7116 | F-SUB-Q | | | |
| | 2.2974 | 2.2109 | 2.3542 | 2.5405 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1080 | 1.1783 | 1.5220 | 1.2160 | 1.5303 | 1.2163 | 1.5187 | 0.7215 |
| | 1.7704 | 1.6381 | 1.2918 | 1.5865 | 1.2868 | 1.5862 | 1.2952 | 2.4443 |
| 9 | 1.1783 | 1.5000 | 1.1998 | 1.5316 | 1.2373 | 1.3750 | 1.5437 | 0.7521 |
| | 1.6381 | 1.3100 | 1.6089 | 1.2874 | 1.5617 | 1.4057 | 1.2753 | 2.3599 |
| 10 | 1.5220 | 1.1977 | 1.2879 | 1.3739 | 1.5635 | 1.3459 | 1.5365 | 0.6989 |
| | 1.2918 | 1.6122 | 1.4979 | 1.4169 | 1.2642 | 1.4286 | 1.2814 | 2.5084 |
| 11 | 1.2160 | 1.5273 | 1.3700 | 1.5591 | 1.3891 | 1.5858 | 1.5045 | 0.6524 |
| | 1.5865 | 1.2910 | 1.4206 | 1.2684 | 1.3836 | 1.2449 | 1.3075 | 2.7178 |
| 12 | 1.5303 | 1.2362 | 1.5615 | 1.3886 | 1.2946 | 1.5075 | 0.8940 | |
| | 1.2868 | 1.5633 | 1.2657 | 1.3841 | 1.4899 | 1.3069 | 1.9730 | |
| 13 | 1.2163 | 1.3741 | 1.3445 | 1.5848 | 1.5066 | 0.9425 | 0.5105 | |
| | 1.5862 | 1.4064 | 1.4300 | 1.2456 | 1.3077 | 2.0757 | 3.4886 | |
| 14 | 1.5187 | 1.5429 | 1.5356 | 1.5034 | 0.8928 | 0.4945 | | |
| | 1.2952 | 1.2759 | 1.2821 | 1.3084 | 1.9757 | 3.5663 | | |
| 15 | 0.7215 | 0.7520 | 0.6985 | 0.6519 | F-SUB-Q | | | |
| | 2.4443 | 2.3602 | 2.5097 | 2.7200 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 250 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8985 | 0.9641 | 1.2618 | 0.9922 | 1.2596 | 0.9854 | 1.2369 | 0.5916 |
| | 2.1499 | 1.9707 | 1.5335 | 1.9135 | 1.5383 | 1.9266 | 1.5653 | 2.9393 |
| 9 | 0.9641 | 1.2546 | 0.9824 | 1.2937 | 1.0171 | 1.1084 | 1.2536 | 0.6151 |
| | 1.9707 | 1.5412 | 1.9340 | 1.4993 | 1.8692 | 1.7160 | 1.5454 | 2.8446 |
| 10 | 1.2618 | 0.9808 | 1.0503 | 1.1275 | 1.3172 | 1.0982 | 1.2463 | 0.5697 |
| | 1.5335 | 1.9377 | 1.8073 | 1.6986 | 1.4752 | 1.7225 | 1.5547 | 3.0335 |
| 11 | 0.9922 | 1.2907 | 1.1245 | 1.3113 | 1.1358 | 1.2822 | 1.2089 | 0.5300 |
| | 1.9135 | 1.5027 | 1.7026 | 1.4827 | 1.6640 | 1.5142 | 1.6017 | 3.2986 |
| 12 | 1.2596 | 1.0162 | 1.3157 | 1.1355 | 1.0307 | 1.2248 | 0.7326 | |
| | 1.5383 | 1.8710 | 1.4768 | 1.6647 | 1.8412 | 1.5830 | 2.3717 | |
| 13 | 0.9854 | 1.1078 | 1.0971 | 1.2816 | 1.2242 | 0.7550 | 0.4192 | |
| | 1.9266 | 1.7168 | 1.7240 | 1.5149 | 1.5837 | 2.5527 | 4.1913 | |
| 14 | 1.2369 | 1.2531 | 1.2457 | 1.2082 | 0.7315 | 0.4063 | | |
| | 1.5653 | 1.5460 | 1.5555 | 1.6027 | 2.3752 | 4.2829 | | |
| 15 | 0.5916 | 0.6150 | 0.5693 | 0.5296 | F-SUB-Q | | | |
| | 2.9393 | 2.8449 | 3.0354 | 3.3012 | M-SUB-Q | | | |

AT 100% POWER, 250 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.4030 | 0.4324 | 0.5216 | 0.4465 | 0.5199 | 0.4270 | 0.4766 | 0.2553 |
| | 4.7433 | 4.3472 | 3.6685 | 4.2058 | 3.6872 | 4.3988 | 4.0202 | 6.7507 |
| 9 | 0.4324 | 0.5054 | 0.4414 | 0.5318 | 0.4589 | 0.4514 | 0.4814 | 0.2624 |
| | 4.3472 | 3.7846 | 4.2580 | 3.6073 | 4.0962 | 4.1651 | 3.9813 | 6.6098 |
| 10 | 0.5216 | 0.4407 | 0.4425 | 0.4874 | 0.5416 | 0.4580 | 0.4780 | 0.2472 |
| | 3.6684 | 4.2657 | 4.2404 | 3.8837 | 3.5477 | 4.0812 | 4.0107 | 6.9285 |
| 11 | 0.4465 | 0.5307 | 0.4862 | 0.5391 | 0.4759 | 0.5213 | 0.4588 | 0.2253 |
| | 4.2058 | 3.6148 | 3.8923 | 3.5653 | 3.9228 | 3.6829 | 4.1780 | 7.6934 |
| 12 | 0.5199 | 0.4585 | 0.5409 | 0.4757 | 0.4230 | 0.4707 | 0.3153 | |
| | 3.6872 | 4.1006 | 3.5516 | 3.9247 | 4.4341 | 4.0764 | 5.4593 | |
| 13 | 0.4270 | 0.4512 | 0.4576 | 0.5210 | 0.4704 | 0.3331 | 0.1815 | |
| | 4.3988 | 4.1669 | 4.0845 | 3.6848 | 4.0785 | 5.7304 | 9.5977 | |
| 14 | 0.4766 | 0.4812 | 0.4777 | 0.4584 | 0.3148 | 0.1786 | | |
| | 4.0202 | 3.9830 | 4.0128 | 4.1808 | 5.4676 | 9.6612 | | |
| 15 | 0.2553 | 0.2623 | 0.2471 | 0.2251 | F-SUB-Q | | | |
| | 6.7507 | 6.6106 | 6.9318 | 7.6993 | 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 | 0.4382 | 0.4974 | 0.5823 | 0.5219 | 0.5869 | 0.4996 | 0.5267 | 0.3072 |
| | 3.7108 | 3.7734 | 3.3413 | 3.5081 | 3.2458 | 3.6247 | 3.5722 | 5.3063 |
| 9 | 0.4974 | 0.5635 | 0.5138 | 0.5931 | 0.5360 | 0.5142 | 0.5298 | 0.3153 |
| | 3.7734 | 3.4910 | 3.6342 | 3.2620 | 3.4523 | 3.5456 | 3.5686 | 5.3162 |
| 10 | 0.5823 | 0.5132 | 0.5225 | 0.5554 | 0.5954 | 0.5234 | 0.5257 | 0.2954 |
| | 3.3413 | 3.6396 | 3.5898 | 3.3971 | 3.2980 | 3.5506 | 3.6757 | 5.6082 |
| 11 | 0.5219 | 0.5924 | 0.5546 | 0.5912 | 0.5330 | 0.5657 | 0.5013 | 0.2729 |
| | 3.5081 | 3.2650 | 3.4018 | 3.2964 | 3.4291 | 3.4112 | 3.8899 | 6.4117 |
| 12 | 0.5869 | 0.5357 | 0.5949 | 0.5329 | 0.4479 | 0.4964 | 0.3609 | |
| | 3.2458 | 3.4549 | 3.3006 | 3.4306 | 3.6596 | 3.6529 | 4.6474 | |
| 13 | 0.4996 | 0.5140 | 0.5232 | 0.5655 | 0.4962 | 0.3658 | 0.2265 | |
| | 3.6247 | 3.5464 | 3.5521 | 3.4123 | 3.6544 | 4.7187 | 7.3817 | |
| 14 | 0.5267 | 0.5297 | 0.5256 | 0.5011 | 0.3605 | 0.2207 | | |
| | 3.5722 | 3.5691 | 3.6767 | 3.8917 | 4.6502 | 7.3858 | | |
| 15 | 0.3072 | 0.3153 | 0.2953 | 0.2727 | F-SUB-Q | | | |
| | 5.3063 | 5.3166 | 5.6091 | 6.4147 | 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 | 0.9111 | 0.9829 | 1.1966 | 1.0209 | 1.2059 | 1.0057 | 1.1607 | 0.6469 |
| | 2.0294 | 1.9502 | 1.6610 | 1.8332 | 1.6152 | 1.8435 | 1.6585 | 2.5801 |
| 9 | 0.9829 | 1.1898 | 1.0068 | 1.2293 | 1.0463 | 1.0850 | 1.1691 | 0.6639 |
| | 1.9502 | 1.6804 | 1.8953 | 1.6073 | 1.8088 | 1.7124 | 1.6556 | 2.5873 |
| 10 | 1.1966 | 1.0057 | 1.0796 | 1.1138 | 1.2369 | 1.0957 | 1.1619 | 0.6183 |
| | 1.6610 | 1.8983 | 1.7769 | 1.7330 | 1.6160 | 1.7310 | 1.6991 | 2.7432 |
| 11 | 1.0209 | 1.2277 | 1.1122 | 1.2312 | 1.1181 | 1.1902 | 1.1237 | 0.5818 |
| | 1.8332 | 1.6090 | 1.7354 | 1.6085 | 1.6721 | 1.6529 | 1.7602 | 3.0741 |
| 12 | 1.2059 | 1.0457 | 1.2361 | 1.1177 | 1.0044 | 1.1325 | 0.7552 | |
| | 1.6152 | 1.8101 | 1.6168 | 1.6728 | 1.7665 | 1.6802 | 2.2658 | |
| 13 | 1.0057 | 1.0848 | 1.0953 | 1.1898 | 1.1321 | 0.7632 | 0.4803 | |
| | 1.8435 | 1.7127 | 1.7317 | 1.6534 | 1.6808 | 2.3954 | 3.5668 | |
| 14 | 1.1607 | 1.1689 | 1.1616 | 1.1233 | 0.7545 | 0.4677 | | |
| | 1.6585 | 1.6558 | 1.6995 | 1.7609 | 2.2673 | 3.5716 | | |
| 15 | 0.6469 | 0.6639 | 0.6181 | 0.5816 | F-SUB-Q | | | |
| | 2.5801 | 2.5874 | 2.7436 | 3.0753 | 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 | 1.1097 | 1.1699 | 1.4263 | 1.2133 | 1.4380 | 1.1948 | 1.3858 | 0.7782 |
| | 1.7681 | 1.6686 | 1.4134 | 1.5645 | 1.3725 | 1.5735 | 1.4067 | 2.1746 |
| 9 | 1.1699 | 1.3998 | 1.1943 | 1.4336 | 1.2369 | 1.2999 | 1.3986 | 0.8040 |
| | 1.6686 | 1.4502 | 1.6211 | 1.3957 | 1.5522 | 1.4479 | 1.4028 | 2.1635 |
| 10 | 1.4263 | 1.1929 | 1.2792 | 1.3167 | 1.4450 | 1.3047 | 1.3931 | 0.7524 |
| | 1.4134 | 1.6238 | 1.5207 | 1.4867 | 1.4013 | 1.4727 | 1.4349 | 2.2835 |
| 11 | 1.2133 | 1.4315 | 1.3147 | 1.4424 | 1.3347 | 1.4356 | 1.3565 | 0.7078 |
| | 1.5645 | 1.3972 | 1.4888 | 1.3946 | 1.4259 | 1.3929 | 1.4762 | 2.5605 |
| 12 | 1.4380 | 1.2363 | 1.4441 | 1.3342 | 1.2597 | 1.3747 | 0.9158 | |
| | 1.3725 | 1.5533 | 1.4021 | 1.4265 | 1.4899 | 1.4257 | 1.9006 | |
| 13 | 1.1948 | 1.2996 | 1.3042 | 1.4352 | 1.3742 | 0.9552 | 0.5792 | |
| | 1.5735 | 1.4481 | 1.4732 | 1.3933 | 1.4263 | 1.9864 | 3.0191 | |
| 14 | 1.3858 | 1.3984 | 1.3928 | 1.3560 | 0.9152 | 0.5676 | | |
| | 1.4067 | 1.4029 | 1.4352 | 1.4768 | 1.9012 | 3.0037 | | |
| 15 | 0.7782 | 0.8040 | 0.7522 | 0.7075 | F-SUB-Q | | | |
| | 2.1746 | 2.1636 | 2.2838 | 2.5614 | 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 | 1.2053 | 1.2741 | 1.5967 | 1.3216 | 1.6047 | 1.2945 | 1.5526 | 0.8338 |
| | 1.6634 | 1.5583 | 1.2778 | 1.4534 | 1.2444 | 1.4689 | 1.2688 | 2.0521 |
| 9 | 1.2741 | 1.5683 | 1.2999 | 1.6069 | 1.3439 | 1.4229 | 1.5682 | 0.8619 |
| | 1.5583 | 1.3150 | 1.5077 | 1.2594 | 1.4454 | 1.3369 | 1.2648 | 2.0408 |
| 10 | 1.5967 | 1.2985 | 1.3897 | 1.4390 | 1.6231 | 1.4245 | 1.5626 | 0.8016 |
| | 1.2778 | 1.5104 | 1.4164 | 1.3763 | 1.2645 | 1.3674 | 1.2923 | 2.1666 |
| 11 | 1.3216 | 1.6045 | 1.4367 | 1.6189 | 1.4621 | 1.6097 | 1.5256 | 0.7582 |
| | 1.4534 | 1.2609 | 1.3783 | 1.2612 | 1.3220 | 1.2610 | 1.3303 | 2.4152 |
| 12 | 1.6047 | 1.3431 | 1.6220 | 1.4616 | 1.3794 | 1.5484 | 0.9808 | |
| | 1.2444 | 1.4465 | 1.2653 | 1.3226 | 1.3883 | 1.2899 | 1.8039 | |
| 13 | 1.2945 | 1.4227 | 1.4240 | 1.6093 | 1.5478 | 1.0440 | 0.6163 | |
| | 1.4689 | 1.3371 | 1.3678 | 1.2613 | 1.2904 | 1.8570 | 2.8916 | |
| 14 | 1.5526 | 1.5680 | 1.5623 | 1.5250 | 0.9798 | 0.6043 | | |
| | 1.2688 | 1.2649 | 1.2925 | 1.3308 | 1.8049 | 2.8755 | | |
| 15 | 0.8338 | 0.8619 | 0.8014 | 0.7579 | F-SUB-Q | | | |
| | 2.0521 | 2.0409 | 2.1669 | 2.4161 | 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 | 1.2351 | 1.3113 | 1.6640 | 1.3594 | 1.6655 | 1.3244 | 1.6144 | 0.8564 |
| | 1.6543 | 1.5399 | 1.2417 | 1.4320 | 1.2142 | 1.4539 | 1.2343 | 2.0229 |
| 9 | 1.3113 | 1.6332 | 1.3377 | 1.6782 | 1.3824 | 1.4622 | 1.6306 | 0.8882 |
| | 1.5399 | 1.2834 | 1.4842 | 1.2211 | 1.4246 | 1.3162 | 1.2302 | 2.0049 |
| 10 | 1.6640 | 1.3361 | 1.4251 | 1.4845 | 1.6967 | 1.4636 | 1.6248 | 0.8254 |
| | 1.2417 | 1.4870 | 1.3984 | 1.3501 | 1.2278 | 1.3495 | 1.2561 | 2.1290 |
| 11 | 1.3594 | 1.6756 | 1.4821 | 1.6939 | 1.5082 | 1.6730 | 1.5901 | 0.7811 |
| | 1.4320 | 1.2224 | 1.3522 | 1.2246 | 1.3031 | 1.2327 | 1.2959 | 2.3696 |
| 12 | 1.6655 | 1.3816 | 1.6956 | 1.5076 | 1.4174 | 1.6138 | 1.0129 | |
| | 1.2142 | 1.4256 | 1.2286 | 1.3038 | 1.3759 | 1.2593 | 1.7767 | |
| 13 | 1.3244 | 1.4620 | 1.4631 | 1.6726 | 1.6133 | 1.0802 | 0.6326 | |
| | 1.4539 | 1.3164 | 1.3497 | 1.2330 | 1.2597 | 1.8291 | 2.8714 | |
| 14 | 1.6144 | 1.6304 | 1.6245 | 1.5896 | 1.0125 | 0.6203 | | |
| | 1.2343 | 1.2303 | 1.2563 | 1.2963 | 1.7767 | 2.8557 | | |
| 15 | 0.8564 | 0.8882 | 0.8252 | 0.7808 | F-SUB-Q | | | |
| | 2.0229 | 2.0050 | 2.1293 | 2.3704 | 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 | 1.2396 | 1.3202 | 1.6844 | 1.3677 | 1.6814 | 1.3268 | 1.6298 | 0.8627 |
| | 1.6716 | 1.5491 | 1.2434 | 1.4448 | 1.2201 | 1.4700 | 1.2390 | 2.0364 |
| 9 | 1.3202 | 1.6527 | 1.3466 | 1.7011 | 1.3908 | 1.4682 | 1.6463 | 0.8962 |
| | 1.5491 | 1.2838 | 1.4944 | 1.2212 | 1.4355 | 1.3285 | 1.2343 | 2.0149 |
| 10 | 1.6844 | 1.3450 | 1.4303 | 1.4966 | 1.7209 | 1.4690 | 1.6404 | 0.8352 |
| | 1.2434 | 1.4973 | 1.4113 | 1.3563 | 1.2259 | 1.3604 | 1.2585 | 2.1315 |
| 11 | 1.3677 | 1.6985 | 1.4944 | 1.7191 | 1.5200 | 1.6893 | 1.6075 | 0.7881 |
| | 1.4448 | 1.2228 | 1.3584 | 1.2238 | 1.3117 | 1.2384 | 1.2985 | 2.3743 |
| 12 | 1.6814 | 1.3900 | 1.7197 | 1.5195 | 1.4229 | 1.6310 | 1.0261 | |
| | 1.2201 | 1.4365 | 1.2266 | 1.3123 | 1.3946 | 1.2688 | 1.7834 | |
| 13 | 1.3268 | 1.4679 | 1.4685 | 1.6889 | 1.6304 | 1.0922 | 0.6386 | |
| | 1.4700 | 1.3287 | 1.3605 | 1.2387 | 1.2692 | 1.8465 | 2.9031 | |
| 14 | 1.6298 | 1.6461 | 1.6402 | 1.6070 | 1.0258 | 0.6258 | | |
| | 1.2390 | 1.2344 | 1.2587 | 1.2989 | 1.7832 | 2.8883 | | |
| 15 | 0.8627 | 0.8962 | 0.8350 | 0.7878 | F-SUB-Q | | | |
| | 2.0364 | 2.0149 | 2.1318 | 2.3750 | 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 | 1.2423 | 1.3247 | 1.7048 | 1.3725 | 1.6975 | 1.3274 | 1.6462 | 0.8577 |
| | 1.6870 | 1.5564 | 1.2475 | 1.4652 | 1.2295 | 1.4924 | 1.2468 | 2.0832 |
| 9 | 1.3247 | 1.6732 | 1.3521 | 1.7244 | 1.3944 | 1.4730 | 1.6630 | 0.8913 |
| | 1.5564 | 1.2784 | 1.5124 | 1.2236 | 1.4541 | 1.3456 | 1.2414 | 2.0600 |
| 10 | 1.7048 | 1.3505 | 1.4339 | 1.5056 | 1.7452 | 1.4729 | 1.6569 | 0.8276 |
| | 1.2475 | 1.5153 | 1.4254 | 1.3658 | 1.2191 | 1.3700 | 1.2626 | 2.1836 |
| 11 | 1.3725 | 1.7217 | 1.5033 | 1.7427 | 1.5276 | 1.7053 | 1.6248 | 0.7830 |
| | 1.4652 | 1.2253 | 1.3677 | 1.2209 | 1.3206 | 1.2414 | 1.2962 | 2.4141 |
| 12 | 1.6975 | 1.3936 | 1.7440 | 1.5271 | 1.4263 | 1.6478 | 1.0209 | |
| | 1.2295 | 1.4552 | 1.2199 | 1.3212 | 1.4151 | 1.2762 | 1.8189 | |
| 13 | 1.3274 | 1.4728 | 1.4723 | 1.7049 | 1.6473 | 1.0907 | 0.6334 | |
| | 1.4924 | 1.3458 | 1.3704 | 1.2417 | 1.2766 | 1.8806 | 2.9777 | |
| 14 | 1.6462 | 1.6628 | 1.6567 | 1.6244 | 1.0207 | 0.6200 | | |
| | 1.2468 | 1.2415 | 1.2628 | 1.2966 | 1.8185 | 2.9661 | | |
| 15 | 0.8577 | 0.8913 | 0.8274 | 0.7828 | F-SUB-Q | | | |
| | 2.0832 | 2.0600 | 2.1839 | 2.4148 | 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 | 1.2381 | 1.3216 | 1.7091 | 1.3687 | 1.6984 | 1.3200 | 1.6468 | 0.8516 |
| | 1.7211 | 1.5880 | 1.2643 | 1.4993 | 1.2542 | 1.5296 | 1.2710 | 2.1408 |
| 9 | 1.3216 | 1.6780 | 1.3492 | 1.7303 | 1.3898 | 1.4678 | 1.6637 | 0.8855 |
| | 1.5880 | 1.2974 | 1.5410 | 1.2421 | 1.4855 | 1.3765 | 1.2646 | 2.1149 |
| 10 | 1.7091 | 1.3476 | 1.4286 | 1.5044 | 1.7514 | 1.4666 | 1.6575 | 0.8217 |
| | 1.2643 | 1.5439 | 1.4502 | 1.3847 | 1.2346 | 1.3962 | 1.2821 | 2.2386 |
| 11 | 1.3687 | 1.7276 | 1.5020 | 1.7483 | 1.5246 | 1.7054 | 1.6263 | 0.7774 |
| | 1.4993 | 1.2438 | 1.3866 | 1.2354 | 1.3430 | 1.2592 | 1.3143 | 2.4585 |
| 12 | 1.6984 | 1.3890 | 1.7502 | 1.5241 | 1.4202 | 1.6488 | 1.0158 | |
| | 1.2542 | 1.4865 | 1.2354 | 1.3436 | 1.4393 | 1.2922 | 1.8515 | |
| 13 | 1.3200 | 1.4675 | 1.4661 | 1.7050 | 1.6483 | 1.0862 | 0.6285 | |
| | 1.5296 | 1.3767 | 1.3964 | 1.2594 | 1.2927 | 1.9172 | 3.0391 | |
| 14 | 1.6468 | 1.6635 | 1.6572 | 1.6259 | 1.0157 | 0.6146 | | |
| | 1.2710 | 1.2647 | 1.2823 | 1.3147 | 1.8510 | 3.0302 | | |
| 15 | 0.8516 | 0.8855 | 0.8215 | 0.7772 | F-SUB-Q | | | |
| | 2.1408 | 2.1149 | 2.2389 | 2.4592 | 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 | 1.2361 | 1.3197 | 1.7169 | 1.3660 | 1.7028 | 1.3146 | 1.6507 | 0.8438 |
| | 1.7733 | 1.6222 | 1.2856 | 1.5394 | 1.2822 | 1.5724 | 1.2987 | 2.2132 |
| 9 | 1.3197 | 1.6866 | 1.3476 | 1.7393 | 1.3861 | 1.4650 | 1.6676 | 0.8759 |
| | 1.6222 | 1.3158 | 1.5764 | 1.2637 | 1.5213 | 1.4117 | 1.2913 | 2.1897 |
| 10 | 1.7169 | 1.3459 | 1.4256 | 1.5041 | 1.7602 | 1.4621 | 1.6612 | 0.8118 |
| | 1.2856 | 1.5794 | 1.4818 | 1.4120 | 1.2510 | 1.4262 | 1.3043 | 2.3153 |
| 11 | 1.3660 | 1.7365 | 1.5017 | 1.7564 | 1.5226 | 1.7084 | 1.6303 | 0.7684 |
| | 1.5394 | 1.2654 | 1.4141 | 1.2587 | 1.3771 | 1.2865 | 1.3361 | 2.5299 |
| 12 | 1.7028 | 1.3853 | 1.7590 | 1.5222 | 1.4161 | 1.6528 | 1.0072 | |
| | 1.2822 | 1.5223 | 1.2518 | 1.3777 | 1.4802 | 1.3193 | 1.9099 | |
| 13 | 1.3146 | 1.4647 | 1.4615 | 1.7081 | 1.6523 | 1.0798 | 0.6221 | |
| | 1.5724 | 1.4120 | 1.4264 | 1.2867 | 1.3197 | 1.9741 | 3.1389 | |
| 14 | 1.6507 | 1.6674 | 1.6610 | 1.6299 | 1.0064 | 0.6077 | | |
| | 1.2987 | 1.2914 | 1.3044 | 1.3364 | 1.9108 | 3.1332 | | |
| 15 | 0.8438 | 0.8759 | 0.8116 | 0.7682 | F-SUB-Q | | | |
| | 2.2132 | 2.1898 | 2.3156 | 2.5308 | 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 | 1.2245 | 1.3073 | 1.6949 | 1.3502 | 1.6785 | 1.2966 | 1.6257 | 0.8440 |
| | 1.8339 | 1.6798 | 1.3396 | 1.6042 | 1.3400 | 1.6407 | 1.3572 | 2.2800 |
| 9 | 1.3073 | 1.6649 | 1.3335 | 1.7163 | 1.3712 | 1.4458 | 1.6421 | 0.8776 |
| | 1.6798 | 1.3673 | 1.6387 | 1.3165 | 1.5804 | 1.4710 | 1.3478 | 2.2486 |
| 10 | 1.6949 | 1.3322 | 1.4087 | 1.4891 | 1.7363 | 1.4420 | 1.6360 | 0.8174 |
| | 1.3396 | 1.6416 | 1.5402 | 1.4646 | 1.2991 | 1.4823 | 1.3578 | 2.3609 |
| 11 | 1.3502 | 1.7135 | 1.4867 | 1.7352 | 1.5056 | 1.6830 | 1.6060 | 0.7699 |
| | 1.6042 | 1.3186 | 1.4667 | 1.3024 | 1.4237 | 1.3345 | 1.3862 | 2.5862 |
| 12 | 1.6785 | 1.3702 | 1.7351 | 1.5052 | 1.3964 | 1.6281 | 1.0126 | |
| | 1.3400 | 1.5814 | 1.3000 | 1.4242 | 1.5434 | 1.3777 | 1.9448 | |
| 13 | 1.2966 | 1.4455 | 1.4414 | 1.6826 | 1.6276 | 1.0778 | 0.6237 | |
| | 1.6407 | 1.4712 | 1.4829 | 1.3347 | 1.3781 | 2.0397 | 3.2168 | |
| 14 | 1.6257 | 1.6420 | 1.6358 | 1.6056 | 1.0124 | 0.6096 | | |
| | 1.3572 | 1.3479 | 1.3579 | 1.3865 | 1.9444 | 3.2090 | | |
| 15 | 0.8440 | 0.8776 | 0.8172 | 0.7697 | F-SUB-Q | | | |
| | 2.2800 | 2.2487 | 2.3612 | 2.5870 | 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 | 1.2280 | 1.3130 | 1.7194 | 1.3564 | 1.6991 | 1.3010 | 1.6462 | 0.8332 |
| | 1.8889 | 1.7308 | 1.3662 | 1.6538 | 1.3712 | 1.6922 | 1.3866 | 2.3862 |
| 9 | 1.3130 | 1.6906 | 1.3399 | 1.7426 | 1.3749 | 1.4536 | 1.6624 | 0.8669 |
| | 1.7308 | 1.3931 | 1.6872 | 1.3407 | 1.6286 | 1.5131 | 1.3753 | 2.3537 |
| 10 | 1.7194 | 1.3382 | 1.4144 | 1.4982 | 1.7618 | 1.4474 | 1.6563 | 0.8034 |
| | 1.3662 | 1.6905 | 1.5862 | 1.5052 | 1.3221 | 1.5232 | 1.3830 | 2.4794 |
| 11 | 1.3564 | 1.7398 | 1.4958 | 1.7586 | 1.5131 | 1.7022 | 1.6265 | 0.7596 |
| | 1.6538 | 1.3428 | 1.5074 | 1.3258 | 1.4610 | 1.3598 | 1.4106 | 2.7010 |
| 12 | 1.6991 | 1.3743 | 1.7606 | 1.5128 | 1.4022 | 1.6486 | 0.9988 | |
| | 1.3712 | 1.6295 | 1.3229 | 1.4614 | 1.5808 | 1.3976 | 2.0277 | |
| 13 | 1.3010 | 1.4533 | 1.4468 | 1.7019 | 1.6481 | 1.0711 | 0.6142 | |
| | 1.6922 | 1.5134 | 1.5237 | 1.3600 | 1.3980 | 2.1056 | 3.3493 | |
| 14 | 1.6462 | 1.6623 | 1.6561 | 1.6261 | 0.9985 | 0.5991 | | |
| | 1.3866 | 1.3754 | 1.3832 | 1.4109 | 2.0276 | 3.3483 | | |
| 15 | 0.8332 | 0.8669 | 0.8032 | 0.7593 | F-SUB-Q | | | |
| | 2.3862 | 2.3537 | 2.4797 | 2.7019 | 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 | 1.2271 | 1.3128 | 1.7246 | 1.3550 | 1.7013 | 1.2978 | 1.6474 | 0.8302 |
| | 1.9394 | 1.7737 | 1.4062 | 1.7099 | 1.4245 | 1.7637 | 1.4400 | 2.4872 |
| 9 | 1.3128 | 1.6963 | 1.3393 | 1.7474 | 1.3724 | 1.4516 | 1.6635 | 0.8650 |
| | 1.7737 | 1.4317 | 1.7346 | 1.3900 | 1.6948 | 1.5744 | 1.4268 | 2.4497 |
| 10 | 1.7246 | 1.3376 | 1.4122 | 1.4984 | 1.7658 | 1.4437 | 1.6574 | 0.8012 |
| | 1.4062 | 1.7375 | 1.6423 | 1.5629 | 1.3696 | 1.5848 | 1.4332 | 2.5787 |
| 11 | 1.3550 | 1.7446 | 1.4960 | 1.7623 | 1.5115 | 1.7031 | 1.6281 | 0.7571 |
| | 1.7099 | 1.3922 | 1.5652 | 1.3739 | 1.5183 | 1.4103 | 1.4610 | 2.8045 |
| 12 | 1.7013 | 1.3718 | 1.7647 | 1.5112 | 1.3987 | 1.6500 | 0.9973 | |
| | 1.4245 | 1.6958 | 1.3704 | 1.5187 | 1.6430 | 1.4466 | 2.1040 | |
| 13 | 1.2978 | 1.4512 | 1.4431 | 1.7028 | 1.6495 | 1.0694 | 0.6119 | |
| | 1.7637 | 1.5747 | 1.5854 | 1.4105 | 1.4470 | 2.1826 | 3.4764 | |
| 14 | 1.6474 | 1.6633 | 1.6572 | 1.6278 | 0.9972 | 0.5965 | | |
| | 1.4400 | 1.4269 | 1.4333 | 1.4613 | 2.1033 | 3.4775 | | |
| 15 | 0.8302 | 0.8650 | 0.8010 | 0.7568 | F-SUB-Q | | | |
| | 2.4872 | 2.4497 | 2.5789 | 2.8053 | 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 | 1.2246 | 1.3079 | 1.7137 | 1.3478 | 1.6882 | 1.2888 | 1.6339 | 0.8339 |
| | 1.8920 | 1.7356 | 1.3798 | 1.6755 | 1.3991 | 1.7503 | 1.4445 | 2.4635 |
| 9 | 1.3079 | 1.6856 | 1.3336 | 1.7352 | 1.3701 | 1.4421 | 1.6497 | 0.8681 |
| | 1.7356 | 1.4051 | 1.6982 | 1.3664 | 1.6573 | 1.5682 | 1.4349 | 2.4275 |
| 10 | 1.7137 | 1.3322 | 1.4032 | 1.4916 | 1.7529 | 1.4331 | 1.6436 | 0.8077 |
| | 1.3798 | 1.7006 | 1.6115 | 1.5325 | 1.3605 | 1.5741 | 1.4437 | 2.5486 |
| 11 | 1.3478 | 1.7323 | 1.4891 | 1.7517 | 1.5029 | 1.6890 | 1.6151 | 0.7597 |
| | 1.6755 | 1.3686 | 1.5347 | 1.3642 | 1.5059 | 1.4161 | 1.4762 | 2.7944 |
| 12 | 1.6882 | 1.3689 | 1.7518 | 1.5027 | 1.3876 | 1.6363 | 1.0053 | |
| | 1.3991 | 1.6590 | 1.3613 | 1.5063 | 1.6501 | 1.4681 | 2.0900 | |
| 13 | 1.2888 | 1.4417 | 1.4325 | 1.6888 | 1.6358 | 1.0717 | 0.6151 | |
| | 1.7503 | 1.5685 | 1.5746 | 1.4162 | 1.4684 | 2.1905 | 3.4808 | |
| 14 | 1.6339 | 1.6496 | 1.6435 | 1.6148 | 1.0053 | 0.5999 | | |
| | 1.4445 | 1.4350 | 1.4438 | 1.4764 | 2.0894 | 3.4798 | | |
| 15 | 0.8339 | 0.8681 | 0.8076 | 0.7595 | F-SUB-Q | | | |
| | 2.4635 | 2.4275 | 2.5488 | 2.7952 | 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 | 1.2310 | 1.3190 | 1.7445 | 1.3603 | 1.7149 | 1.2985 | 1.6607 | 0.8266 |
| | 1.8451 | 1.6849 | 1.3269 | 1.6254 | 1.3482 | 1.7000 | 1.3906 | 2.4296 |
| 9 | 1.3190 | 1.7173 | 1.3448 | 1.7677 | 1.3739 | 1.4557 | 1.6768 | 0.8611 |
| | 1.6849 | 1.3501 | 1.6485 | 1.3125 | 1.6147 | 1.5200 | 1.3807 | 2.3941 |
| 10 | 1.7445 | 1.3434 | 1.4141 | 1.5065 | 1.7847 | 1.4438 | 1.6708 | 0.7976 |
| | 1.3269 | 1.6512 | 1.5648 | 1.4845 | 1.3066 | 1.5280 | 1.3884 | 2.5241 |
| 11 | 1.3603 | 1.7647 | 1.5039 | 1.7811 | 1.5160 | 1.7149 | 1.6425 | 0.7528 |
| | 1.6254 | 1.3147 | 1.4867 | 1.3116 | 1.4592 | 1.3623 | 1.4176 | 2.7556 |
| 12 | 1.7149 | 1.3733 | 1.7835 | 1.5158 | 1.3990 | 1.6635 | 0.9965 | |
| | 1.3482 | 1.6156 | 1.3073 | 1.4595 | 1.5986 | 1.4098 | 2.0581 | |
| 13 | 1.2985 | 1.4553 | 1.4432 | 1.7147 | 1.6631 | 1.0699 | 0.6083 | |
| | 1.7000 | 1.5203 | 1.5284 | 1.3625 | 1.4101 | 2.1404 | 3.4323 | |
| 14 | 1.6607 | 1.6767 | 1.6707 | 1.6422 | 0.9963 | 0.5921 | | |
| | 1.3906 | 1.3808 | 1.3885 | 1.4178 | 2.0577 | 3.4381 | | |
| 15 | 0.8266 | 0.8611 | 0.7975 | 0.7526 | F-SUB-Q | | | |
| | 2.4296 | 2.3941 | 2.5244 | 2.7565 | 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 | 1.2377 | 1.3274 | 1.7629 | 1.3686 | 1.7300 | 1.3045 | 1.6756 | 0.8266 |
| | 1.7738 | 1.6180 | 1.2713 | 1.5618 | 1.2938 | 1.6352 | 1.3339 | 2.3423 |
| 9 | 1.3274 | 1.7361 | 1.3532 | 1.7866 | 1.3801 | 1.4643 | 1.6919 | 0.8598 |
| | 1.6180 | 1.2930 | 1.5835 | 1.2587 | 1.5549 | 1.4619 | 1.3251 | 2.3115 |
| 10 | 1.7629 | 1.3516 | 1.4207 | 1.5169 | 1.8029 | 1.4503 | 1.6859 | 0.7956 |
| | 1.2713 | 1.5861 | 1.5063 | 1.4280 | 1.2549 | 1.4726 | 1.3326 | 2.4391 |
| 11 | 1.3686 | 1.7835 | 1.5143 | 1.7984 | 1.5247 | 1.7293 | 1.6580 | 0.7507 |
| | 1.5618 | 1.2607 | 1.4301 | 1.2607 | 1.4067 | 1.3103 | 1.3603 | 2.6622 |
| 12 | 1.7300 | 1.3796 | 1.8018 | 1.5246 | 1.4052 | 1.6786 | 0.9975 | |
| | 1.2938 | 1.5557 | 1.2556 | 1.4069 | 1.5435 | 1.3550 | 1.9867 | |
| 13 | 1.3045 | 1.4639 | 1.4497 | 1.7292 | 1.6781 | 1.0731 | 0.6073 | |
| | 1.6352 | 1.4622 | 1.4730 | 1.3104 | 1.3553 | 2.0637 | 3.3076 | |
| 14 | 1.6756 | 1.6918 | 1.6858 | 1.6578 | 0.9971 | 0.5906 | | |
| | 1.3339 | 1.3251 | 1.3327 | 1.3604 | 1.9868 | 3.3162 | | |
| 15 | 0.8266 | 0.8598 | 0.7954 | 0.7505 | F-SUB-Q | | | |
| | 2.3423 | 2.3115 | 2.4393 | 2.6630 | 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 | 1.2438 | 1.3347 | 1.7761 | 1.3753 | 1.7409 | 1.3097 | 1.6859 | 0.8305 |
| | 1.7088 | 1.5574 | 1.2210 | 1.5042 | 1.2439 | 1.5758 | 1.2818 | 2.2547 |
| 9 | 1.3347 | 1.7495 | 1.3605 | 1.7995 | 1.3863 | 1.4715 | 1.7022 | 0.8667 |
| | 1.5574 | 1.2415 | 1.5248 | 1.2088 | 1.4977 | 1.4067 | 1.2729 | 2.2175 |
| 10 | 1.7761 | 1.3590 | 1.4269 | 1.5258 | 1.8152 | 1.4555 | 1.6961 | 0.8023 |
| | 1.2210 | 1.5270 | 1.4511 | 1.3730 | 1.2047 | 1.4180 | 1.2799 | 2.3382 |
| 11 | 1.3753 | 1.7964 | 1.5232 | 1.8117 | 1.5322 | 1.7394 | 1.6684 | 0.7568 |
| | 1.5042 | 1.2108 | 1.3750 | 1.2095 | 1.3528 | 1.2580 | 1.3051 | 2.5518 |
| 12 | 1.7409 | 1.3854 | 1.8141 | 1.5322 | 1.4102 | 1.6887 | 1.0055 | |
| | 1.2439 | 1.4985 | 1.2054 | 1.3530 | 1.4859 | 1.2998 | 1.9029 | |
| 13 | 1.3097 | 1.4711 | 1.4549 | 1.7393 | 1.6883 | 1.0797 | 0.6104 | |
| | 1.5758 | 1.4070 | 1.4185 | 1.2581 | 1.3001 | 1.9794 | 3.1764 | |
| 14 | 1.6859 | 1.7021 | 1.6960 | 1.6682 | 1.0054 | 0.5935 | | |
| | 1.2818 | 1.2730 | 1.2799 | 1.3052 | 1.9023 | 3.1853 | | |
| 15 | 0.8305 | 0.8667 | 0.8022 | 0.7565 | F-SUB-Q | | | |
| | 2.2547 | 2.2176 | 2.3383 | 2.5525 | 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 | 1.2534 | 1.3402 | 1.7789 | 1.3795 | 1.7426 | 1.3134 | 1.6868 | 0.8415 |
| | 1.7765 | 1.6281 | 1.2793 | 1.5749 | 1.3041 | 1.6485 | 1.3432 | 2.3356 |
| 9 | 1.3402 | 1.7517 | 1.3659 | 1.8007 | 1.4020 | 1.4751 | 1.7030 | 0.8775 |
| | 1.6281 | 1.3010 | 1.5945 | 1.2673 | 1.5570 | 1.4717 | 1.3335 | 2.2976 |
| 10 | 1.7789 | 1.3644 | 1.4318 | 1.5315 | 1.8165 | 1.4584 | 1.6969 | 0.8154 |
| | 1.2793 | 1.5968 | 1.5196 | 1.4348 | 1.2618 | 1.4837 | 1.3405 | 2.4122 |
| 11 | 1.3795 | 1.7975 | 1.5288 | 1.8145 | 1.5366 | 1.7409 | 1.6700 | 0.7657 |
| | 1.5749 | 1.2695 | 1.4370 | 1.2655 | 1.4135 | 1.3162 | 1.3650 | 2.6430 |
| 12 | 1.7426 | 1.4008 | 1.8154 | 1.5365 | 1.4117 | 1.6894 | 1.0213 | |
| | 1.3041 | 1.5586 | 1.2625 | 1.4137 | 1.5539 | 1.3587 | 1.9608 | |
| 13 | 1.3134 | 1.4747 | 1.4578 | 1.7408 | 1.6890 | 1.0906 | 0.6181 | |
| | 1.6485 | 1.4721 | 1.4842 | 1.3162 | 1.3590 | 2.0499 | 3.2830 | |
| 14 | 1.6868 | 1.7029 | 1.6968 | 1.6698 | 1.0214 | 0.6013 | | |
| | 1.3432 | 1.3336 | 1.3406 | 1.3651 | 1.9599 | 3.2902 | | |
| 15 | 0.8415 | 0.8775 | 0.8153 | 0.7654 | F-SUB-Q | | | |
| | 2.3356 | 2.2977 | 2.4124 | 2.6437 | 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 | 1.2651 | 1.3590 | 1.8224 | 1.3999 | 1.7831 | 1.3325 | 1.7283 | 0.8380 |
| | 1.7083 | 1.5596 | 1.2135 | 1.5087 | 1.2395 | 1.5824 | 1.2764 | 2.2852 |
| 9 | 1.3590 | 1.7958 | 1.3848 | 1.8466 | 1.4086 | 1.5010 | 1.7453 | 0.8733 |
| | 1.5596 | 1.2323 | 1.5288 | 1.2011 | 1.5041 | 1.4080 | 1.2665 | 2.2508 |
| 10 | 1.8224 | 1.3833 | 1.4504 | 1.5568 | 1.8624 | 1.4803 | 1.7391 | 0.8077 |
| | 1.2135 | 1.5311 | 1.4564 | 1.3720 | 1.1956 | 1.4216 | 1.2726 | 2.3733 |
| 11 | 1.3999 | 1.8433 | 1.5540 | 1.8574 | 1.5608 | 1.7819 | 1.7116 | 0.7609 |
| | 1.5087 | 1.2032 | 1.3742 | 1.2005 | 1.3515 | 1.2489 | 1.2946 | 2.5906 |
| 12 | 1.7831 | 1.4078 | 1.8612 | 1.5608 | 1.4337 | 1.7310 | 1.0169 | |
| | 1.2395 | 1.5049 | 1.1963 | 1.3517 | 1.4830 | 1.2872 | 1.9141 | |
| 13 | 1.3325 | 1.5006 | 1.4796 | 1.7819 | 1.7306 | 1.0947 | 0.6138 | |
| | 1.5824 | 1.4084 | 1.4222 | 1.2490 | 1.2874 | 1.9823 | 3.2157 | |
| 14 | 1.7283 | 1.7452 | 1.7391 | 1.7115 | 1.0166 | 0.5959 | | |
| | 1.2764 | 1.2665 | 1.2726 | 1.2947 | 1.9139 | 3.2297 | | |
| 15 | 0.8380 | 0.8733 | 0.8075 | 0.7606 | F-SUB-Q | | | |
| | 2.2852 | 2.2508 | 2.3735 | 2.5914 | 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 | 1.2722 | 1.3668 | 1.8371 | 1.4076 | 1.7973 | 1.3416 | 1.7442 | 0.8411 |
| | 1.6382 | 1.4990 | 1.1635 | 1.4512 | 1.1888 | 1.5199 | 1.2223 | 2.2025 |
| 9 | 1.3668 | 1.8105 | 1.3925 | 1.8611 | 1.4170 | 1.5133 | 1.7616 | 0.8768 |
| | 1.4990 | 1.1809 | 1.4703 | 1.1518 | 1.4465 | 1.3501 | 1.2122 | 2.1683 |
| 10 | 1.8371 | 1.3910 | 1.4588 | 1.5679 | 1.8779 | 1.4903 | 1.7553 | 0.8108 |
| | 1.1635 | 1.4725 | 1.4001 | 1.3167 | 1.1450 | 1.3645 | 1.2178 | 2.2860 |
| 11 | 1.4076 | 1.8576 | 1.5649 | 1.8725 | 1.5716 | 1.7979 | 1.7277 | 0.7635 |
| | 1.4512 | 1.1539 | 1.3188 | 1.1497 | 1.2959 | 1.1943 | 1.2377 | 2.4956 |
| 12 | 1.7973 | 1.4157 | 1.8766 | 1.5716 | 1.4426 | 1.7463 | 1.0224 | |
| | 1.1888 | 1.4472 | 1.1457 | 1.2961 | 1.4192 | 1.2292 | 1.8370 | |
| 13 | 1.3416 | 1.5128 | 1.4896 | 1.7978 | 1.7458 | 1.1004 | 0.6149 | |
| | 1.5199 | 1.3505 | 1.3651 | 1.1943 | 1.2295 | 1.9001 | 3.1011 | |
| 14 | 1.7442 | 1.7615 | 1.7552 | 1.7276 | 1.0221 | 0.5967 | | |
| | 1.2223 | 1.2122 | 1.2179 | 1.2378 | 1.8368 | 3.1158 | | |
| 15 | 0.8411 | 0.8768 | 0.8107 | 0.7632 | F-SUB-Q | | | |
| | 2.2025 | 2.1684 | 2.2862 | 2.4964 | 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 | 1.2693 | 1.3555 | 1.8074 | 1.3942 | 1.7703 | 1.3328 | 1.7195 | 0.8473 |
| | 1.5961 | 1.4688 | 1.1489 | 1.4244 | 1.1728 | 1.4870 | 1.2042 | 2.1267 |
| 9 | 1.3555 | 1.7803 | 1.3808 | 1.8275 | 1.4197 | 1.5027 | 1.7375 | 0.8846 |
| | 1.4688 | 1.1663 | 1.4414 | 1.1393 | 1.4039 | 1.3210 | 1.1932 | 2.0897 |
| 10 | 1.8074 | 1.3793 | 1.4508 | 1.5545 | 1.8455 | 1.4793 | 1.7310 | 0.8216 |
| | 1.1489 | 1.4435 | 1.3695 | 1.2900 | 1.1308 | 1.3353 | 1.1987 | 2.1928 |
| 11 | 1.3942 | 1.8240 | 1.5515 | 1.8433 | 1.5590 | 1.7743 | 1.7023 | 0.7701 |
| | 1.4244 | 1.1414 | 1.2922 | 1.1332 | 1.2679 | 1.1737 | 1.2183 | 2.4036 |
| 12 | 1.7703 | 1.4183 | 1.8441 | 1.5590 | 1.4298 | 1.7201 | 1.0339 | |
| | 1.1728 | 1.4055 | 1.1317 | 1.2680 | 1.3888 | 1.2093 | 1.7625 | |
| 13 | 1.3328 | 1.5021 | 1.4785 | 1.7742 | 1.7197 | 1.1020 | 0.6194 | |
| | 1.4870 | 1.3214 | 1.3359 | 1.1737 | 1.2095 | 1.8395 | 2.9884 | |
| 14 | 1.7195 | 1.7373 | 1.7308 | 1.7020 | 1.0338 | 0.6016 | | |
| | 1.2042 | 1.1933 | 1.1988 | 1.2185 | 1.7618 | 3.0003 | | |
| 15 | 0.8473 | 0.8845 | 0.8214 | 0.7698 | F-SUB-Q | | | |
| | 2.1267 | 2.0898 | 2.1930 | 2.4044 | 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 | 1.2476 | 1.3362 | 1.7855 | 1.3741 | 1.7517 | 1.3189 | 1.7043 | 0.8225 |
| | 1.5853 | 1.4553 | 1.1354 | 1.4116 | 1.1571 | 1.4674 | 1.1856 | 2.1398 |
| 9 | 1.3362 | 1.7600 | 1.3604 | 1.8047 | 1.3858 | 1.4911 | 1.7231 | 0.8588 |
| | 1.4553 | 1.1516 | 1.4289 | 1.1260 | 1.4029 | 1.2996 | 1.1739 | 2.1027 |
| 10 | 1.7855 | 1.3589 | 1.4331 | 1.5359 | 1.8234 | 1.4656 | 1.7162 | 0.7948 |
| | 1.1354 | 1.4311 | 1.3529 | 1.2745 | 1.1165 | 1.3154 | 1.1794 | 2.2142 |
| 11 | 1.3741 | 1.8011 | 1.5328 | 1.8189 | 1.5419 | 1.7596 | 1.6852 | 0.7470 |
| | 1.4116 | 1.1282 | 1.2768 | 1.1201 | 1.2508 | 1.1540 | 1.1999 | 2.4197 |
| 12 | 1.7517 | 1.3853 | 1.8221 | 1.5418 | 1.4171 | 1.7030 | 1.0032 | |
| | 1.1571 | 1.4037 | 1.1173 | 1.2510 | 1.3669 | 1.1904 | 1.7718 | |
| 13 | 1.3189 | 1.4906 | 1.4648 | 1.7594 | 1.7025 | 1.0747 | 0.5995 | |
| | 1.4674 | 1.3000 | 1.3160 | 1.1541 | 1.1907 | 1.8394 | 3.0146 | |
| 14 | 1.7043 | 1.7229 | 1.7161 | 1.6849 | 1.0024 | 0.5817 | | |
| | 1.1856 | 1.1740 | 1.1795 | 1.2001 | 1.7725 | 3.0295 | | |
| 15 | 0.8225 | 0.8588 | 0.7946 | 0.7467 | F-SUB-Q | | | |
| | 2.1398 | 2.1028 | 2.2144 | 2.4207 | 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 | 1.1752 | 1.2543 | 1.6506 | 1.2893 | 1.6252 | 1.2430 | 1.5806 | 0.7711 |
| | 1.6515 | 1.5208 | 1.2041 | 1.4759 | 1.2226 | 1.5279 | 1.2530 | 2.2399 |
| 9 | 1.2543 | 1.6285 | 1.2777 | 1.6695 | 1.3036 | 1.4011 | 1.5988 | 0.8028 |
| | 1.5208 | 1.2199 | 1.4926 | 1.1929 | 1.4627 | 1.3563 | 1.2398 | 2.2076 |
| 10 | 1.6506 | 1.2760 | 1.3515 | 1.4444 | 1.6889 | 1.3826 | 1.5915 | 0.7437 |
| | 1.2041 | 1.4952 | 1.4071 | 1.3289 | 1.1810 | 1.3672 | 1.2459 | 2.3219 |
| 11 | 1.2893 | 1.6661 | 1.4413 | 1.6849 | 1.4491 | 1.6351 | 1.5581 | 0.6972 |
| | 1.4759 | 1.1954 | 1.3315 | 1.1847 | 1.3044 | 1.2166 | 1.2713 | 2.5441 |
| 12 | 1.6252 | 1.3031 | 1.6875 | 1.4490 | 1.3343 | 1.5765 | 0.9409 | |
| | 1.2226 | 1.4636 | 1.1819 | 1.3046 | 1.4230 | 1.2593 | 1.8517 | |
| 13 | 1.2430 | 1.4005 | 1.3818 | 1.6349 | 1.5760 | 1.0009 | 0.5618 | |
| | 1.5279 | 1.3567 | 1.3679 | 1.2167 | 1.2596 | 1.9361 | 3.1571 | |
| 14 | 1.5806 | 1.5986 | 1.5913 | 1.5577 | 0.9400 | 0.5448 | | |
| | 1.2530 | 1.2399 | 1.2461 | 1.2716 | 1.8530 | 3.1746 | | |
| 15 | 0.7711 | 0.8028 | 0.7435 | 0.6969 | F-SUB-Q | | | |
| | 2.2399 | 2.2076 | 2.3222 | 2.5451 | 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 | 0.9789 | 1.0453 | 1.3564 | 1.0713 | 1.3360 | 1.0348 | 1.2934 | 0.6409 |
| | 1.9524 | 1.7962 | 1.4414 | 1.7481 | 1.4633 | 1.8061 | 1.5062 | 2.6561 |
| 9 | 1.0453 | 1.3555 | 1.0653 | 1.3973 | 1.0914 | 1.1591 | 1.3073 | 0.6646 |
| | 1.7962 | 1.4415 | 1.7619 | 1.4016 | 1.7187 | 1.6138 | 1.4912 | 2.6272 |
| 10 | 1.3564 | 1.0640 | 1.1305 | 1.2090 | 1.4125 | 1.1560 | 1.3003 | 0.6164 |
| | 1.4414 | 1.7648 | 1.6555 | 1.5617 | 1.3881 | 1.6093 | 1.4995 | 2.7597 |
| 11 | 1.0713 | 1.3948 | 1.2065 | 1.4086 | 1.2092 | 1.3360 | 1.2671 | 0.5757 |
| | 1.7481 | 1.4039 | 1.5646 | 1.3928 | 1.5372 | 1.4643 | 1.5381 | 3.0363 |
| 12 | 1.3360 | 1.0910 | 1.4115 | 1.2091 | 1.0935 | 1.2899 | 0.7820 | |
| | 1.4633 | 1.7196 | 1.3890 | 1.5375 | 1.7085 | 1.5135 | 2.1937 | |
| 13 | 1.0348 | 1.1586 | 1.1553 | 1.3358 | 1.2896 | 0.8144 | 0.4689 | |
| | 1.8061 | 1.6142 | 1.6101 | 1.4644 | 1.5139 | 2.3426 | 3.7298 | |
| 14 | 1.2934 | 1.3071 | 1.3001 | 1.2668 | 0.7811 | 0.4550 | | |
| | 1.5062 | 1.4913 | 1.4997 | 1.5384 | 2.1955 | 3.7476 | | |
| 15 | 0.6409 | 0.6646 | 0.6162 | 0.5755 | F-SUB-Q | | | |
| | 2.6561 | 2.6272 | 2.7603 | 3.0375 | 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 | 0.4600 | 0.4897 | 0.5873 | 0.5030 | 0.5799 | 0.4731 | 0.5262 | 0.2879 |
| | 4.1047 | 3.7872 | 3.2862 | 3.6762 | 3.3289 | 3.9047 | 3.6577 | 5.8508 |
| 9 | 0.4897 | 0.5713 | 0.4994 | 0.5968 | 0.5137 | 0.4979 | 0.5307 | 0.2954 |
| | 3.7872 | 3.3776 | 3.7111 | 3.2389 | 3.6048 | 3.7074 | 3.6286 | 5.8499 |
| 10 | 0.5873 | 0.4988 | 0.4994 | 0.5465 | 0.6033 | 0.5064 | 0.5272 | 0.2784 |
| | 3.2862 | 3.7171 | 3.6989 | 3.4090 | 3.2068 | 3.6234 | 3.6529 | 6.0465 |
| 11 | 0.5030 | 0.5958 | 0.5454 | 0.6017 | 0.5297 | 0.5740 | 0.5085 | 0.2552 |
| | 3.6762 | 3.2440 | 3.4150 | 3.2168 | 3.4619 | 3.3635 | 3.7866 | 6.7805 |
| 12 | 0.5799 | 0.5134 | 0.6028 | 0.5296 | 0.4715 | 0.5235 | 0.3513 | |
| | 3.3289 | 3.6072 | 3.2090 | 3.4628 | 3.9100 | 3.6832 | 4.8283 | |
| 13 | 0.4731 | 0.4978 | 0.5061 | 0.5739 | 0.5234 | 0.3745 | 0.2110 | |
| | 3.9047 | 3.7083 | 3.6254 | 3.3641 | 3.6843 | 5.0358 | 8.2068 | |
| 14 | 0.5262 | 0.5306 | 0.5271 | 0.5083 | 0.3509 | 0.2077 | | |
| | 3.6577 | 3.6291 | 3.6535 | 3.7878 | 4.8326 | 8.1322 | | |
| 15 | 0.2879 | 0.2954 | 0.2784 | 0.2551 | F-SUB-Q | | | |
| | 5.8508 | 5.8500 | 6.0469 | 6.7832 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.5291 | 0.6043 | 0.7029 | 0.6313 | 0.7071 | 0.6074 | 0.6439 | 0.3901 |
| | 2.9015 | 3.0442 | 2.8006 | 2.8359 | 2.7287 | 2.9193 | 2.9635 | 3.9882 |
| 9 | 0.6043 | 0.6833 | 0.6230 | 0.7141 | 0.6471 | 0.6245 | 0.6471 | 0.3986 |
| | 3.0442 | 2.9265 | 2.9301 | 2.7411 | 2.8005 | 2.8499 | 2.9643 | 4.0421 |
| 10 | 0.7029 | 0.6225 | 0.6351 | 0.6699 | 0.7164 | 0.6348 | 0.6433 | 0.3751 |
| | 2.8006 | 2.9331 | 2.8822 | 2.7491 | 2.7716 | 2.8547 | 3.0413 | 4.2266 |
| 11 | 0.6313 | 0.7135 | 0.6691 | 0.7111 | 0.6432 | 0.6848 | 0.6169 | 0.3501 |
| | 2.8359 | 2.7424 | 2.7524 | 2.7874 | 2.7808 | 2.8670 | 3.2244 | 4.8542 |
| 12 | 0.7071 | 0.6469 | 0.7160 | 0.6430 | 0.5347 | 0.6074 | 0.4476 | |
| | 2.7287 | 2.8020 | 2.7731 | 2.7817 | 2.8988 | 3.0082 | 3.5941 | |
| 13 | 0.6074 | 0.6243 | 0.6346 | 0.6846 | 0.6071 | 0.4546 | 0.3004 | |
| | 2.9193 | 2.8502 | 2.8554 | 2.8676 | 3.0090 | 3.7266 | 5.4346 | |
| 14 | 0.6439 | 0.6470 | 0.6432 | 0.6167 | 0.4473 | 0.2930 | | |
| | 2.9635 | 2.9644 | 3.0417 | 3.2255 | 3.5930 | 5.4278 | | |
| 15 | 0.3901 | 0.3986 | 0.3751 | 0.3499 | F-SUB-Q | | | |
| | 3.9882 | 4.0421 | 4.2266 | 4.8556 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0038 | 1.0771 | 1.2995 | 1.1149 | 1.3050 | 1.0986 | 1.2694 | 0.7408 |
| | 1.7972 | 1.7461 | 1.5531 | 1.6478 | 1.5163 | 1.6591 | 1.5429 | 2.1573 |
| 9 | 1.0771 | 1.3018 | 1.1024 | 1.3444 | 1.1418 | 1.1849 | 1.2768 | 0.7586 |
| | 1.7461 | 1.5598 | 1.6981 | 1.4920 | 1.6284 | 1.5390 | 1.5420 | 2.1867 |
| 10 | 1.2995 | 1.1014 | 1.1816 | 1.2136 | 1.3528 | 1.1946 | 1.2712 | 0.7092 |
| | 1.5531 | 1.7000 | 1.5895 | 1.5575 | 1.5033 | 1.5576 | 1.5777 | 2.3059 |
| 11 | 1.1149 | 1.3431 | 1.2123 | 1.3473 | 1.2194 | 1.2914 | 1.2355 | 0.6716 |
| | 1.6478 | 1.4930 | 1.5593 | 1.4958 | 1.5011 | 1.5497 | 1.6315 | 2.5954 |
| 12 | 1.3050 | 1.1414 | 1.3522 | 1.2191 | 1.0985 | 1.2422 | 0.8456 | |
| | 1.5163 | 1.6291 | 1.5038 | 1.5016 | 1.5740 | 1.5509 | 1.9417 | |
| 13 | 1.0986 | 1.1847 | 1.1944 | 1.2911 | 1.2418 | 0.8592 | 0.5736 | |
| | 1.6591 | 1.5391 | 1.5579 | 1.5499 | 1.5513 | 2.1005 | 2.9180 | |
| 14 | 1.2694 | 1.2767 | 1.2711 | 1.2351 | 0.8449 | 0.5597 | | |
| | 1.5429 | 1.5420 | 1.5778 | 1.6319 | 1.9413 | 2.9127 | | |
| 15 | 0.7408 | 0.7585 | 0.7091 | 0.6714 | F-SUB-Q | | | |
| | 2.1573 | 2.1867 | 2.3059 | 2.5960 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1687 | 1.2269 | 1.5060 | 1.2681 | 1.5052 | 1.2412 | 1.4684 | 0.8580 |
| | 1.6484 | 1.5612 | 1.3583 | 1.4684 | 1.3317 | 1.4878 | 1.3498 | 1.8874 |
| 9 | 1.2269 | 1.4860 | 1.2515 | 1.5296 | 1.2920 | 1.3516 | 1.4780 | 0.8860 |
| | 1.5612 | 1.3860 | 1.5168 | 1.3287 | 1.4601 | 1.3661 | 1.3482 | 1.8926 |
| 10 | 1.5060 | 1.2503 | 1.3339 | 1.3724 | 1.5421 | 1.3547 | 1.4720 | 0.8302 |
| | 1.3583 | 1.5186 | 1.4279 | 1.3968 | 1.3342 | 1.3905 | 1.3793 | 1.9863 |
| 11 | 1.2681 | 1.5281 | 1.3708 | 1.5378 | 1.3900 | 1.5011 | 1.4381 | 0.7871 |
| | 1.4684 | 1.3296 | 1.3984 | 1.3294 | 1.3397 | 1.3541 | 1.4171 | 2.2441 |
| 12 | 1.5052 | 1.2916 | 1.5414 | 1.3897 | 1.3128 | 1.4610 | 0.9908 | |
| | 1.3317 | 1.4607 | 1.3347 | 1.3401 | 1.4016 | 1.3607 | 1.6846 | |
| 13 | 1.2412 | 1.3514 | 1.3546 | 1.5008 | 1.4606 | 1.0392 | 0.6656 | |
| | 1.4878 | 1.3662 | 1.3907 | 1.3542 | 1.3611 | 1.8078 | 2.5670 | |
| 14 | 1.4684 | 1.4779 | 1.4719 | 1.4377 | 0.9902 | 0.6533 | | |
| | 1.3498 | 1.3483 | 1.3794 | 1.4175 | 1.6837 | 2.5478 | | |
| 15 | 0.8580 | 0.8860 | 0.8301 | 0.7869 | F-SUB-Q | | | |
| | 1.8874 | 1.8926 | 1.9863 | 2.2444 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2300 | 1.2930 | 1.6227 | 1.3370 | 1.6161 | 1.3011 | 1.5833 | 0.8921 |
| | 1.5990 | 1.5024 | 1.2736 | 1.4069 | 1.2519 | 1.4323 | 1.2626 | 1.8318 |
| 9 | 1.2930 | 1.6074 | 1.3192 | 1.6524 | 1.3592 | 1.4285 | 1.5939 | 0.9215 |
| | 1.5024 | 1.2990 | 1.4540 | 1.2412 | 1.4024 | 1.3040 | 1.2613 | 1.8364 |
| 10 | 1.6227 | 1.3177 | 1.4011 | 1.4491 | 1.6682 | 1.4295 | 1.5891 | 0.8578 |
| | 1.2736 | 1.4559 | 1.3735 | 1.3360 | 1.2471 | 1.3326 | 1.2885 | 1.9403 |
| 11 | 1.3370 | 1.6508 | 1.4474 | 1.6639 | 1.4711 | 1.6156 | 1.5567 | 0.8176 |
| | 1.4069 | 1.2418 | 1.3376 | 1.2443 | 1.2836 | 1.2747 | 1.3239 | 2.1803 |
| 12 | 1.6161 | 1.3588 | 1.6676 | 1.4707 | 1.3910 | 1.5851 | 1.0292 | |
| | 1.2519 | 1.4030 | 1.2475 | 1.2840 | 1.3490 | 1.2772 | 1.6457 | |
| 13 | 1.3011 | 1.4284 | 1.4293 | 1.6154 | 1.5848 | 1.0992 | 0.6876 | |
| | 1.4323 | 1.3040 | 1.3328 | 1.2749 | 1.2775 | 1.7453 | 2.5297 | |
| 14 | 1.5833 | 1.5938 | 1.5890 | 1.5564 | 1.0289 | 0.6751 | | |
| | 1.2626 | 1.2613 | 1.2886 | 1.3242 | 1.6444 | 2.5097 | | |
| 15 | 0.8921 | 0.9216 | 0.8577 | 0.8174 | F-SUB-Q | | | |
| | 1.8318 | 1.8362 | 1.9403 | 2.1808 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2316 | 1.2988 | 1.6424 | 1.3417 | 1.6313 | 1.3003 | 1.6008 | 0.8950 |
| | 1.6235 | 1.5163 | 1.2714 | 1.4166 | 1.2527 | 1.4440 | 1.2599 | 1.8437 |
| 9 | 1.2988 | 1.6283 | 1.3246 | 1.6753 | 1.3632 | 1.4321 | 1.6112 | 0.9265 |
| | 1.5163 | 1.2992 | 1.4631 | 1.2362 | 1.4124 | 1.3120 | 1.2586 | 1.8442 |
| 10 | 1.6424 | 1.3231 | 1.4011 | 1.4570 | 1.6910 | 1.4315 | 1.6070 | 0.8625 |
| | 1.2714 | 1.4650 | 1.3875 | 1.3421 | 1.2453 | 1.3444 | 1.2848 | 1.9480 |
| 11 | 1.3417 | 1.6737 | 1.4555 | 1.6867 | 1.4785 | 1.6323 | 1.5777 | 0.8221 |
| | 1.4166 | 1.2367 | 1.3436 | 1.2434 | 1.2947 | 1.2785 | 1.3227 | 2.1877 |
| 12 | 1.6313 | 1.3628 | 1.6904 | 1.4782 | 1.3940 | 1.6060 | 1.0376 | |
| | 1.2527 | 1.4130 | 1.2457 | 1.2952 | 1.3679 | 1.2801 | 1.6562 | |
| 13 | 1.3003 | 1.4320 | 1.4313 | 1.6322 | 1.6056 | 1.1104 | 0.6898 | |
| | 1.4440 | 1.3120 | 1.3443 | 1.2786 | 1.2804 | 1.7574 | 2.5654 | |
| 14 | 1.6008 | 1.6112 | 1.6070 | 1.5774 | 1.0375 | 0.6773 | | |
| | 1.2599 | 1.2586 | 1.2848 | 1.3229 | 1.6546 | 2.5448 | | |
| 15 | 0.8950 | 0.9266 | 0.8624 | 0.8220 | F-SUB-Q | | | |
| | 1.8437 | 1.8441 | 1.9479 | 2.1879 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2158 | 1.2849 | 1.6294 | 1.3254 | 1.6154 | 1.2809 | 1.5857 | 0.8872 |
| | 1.6600 | 1.5451 | 1.2952 | 1.4507 | 1.2794 | 1.4800 | 1.2850 | 1.8810 |
| 9 | 1.2849 | 1.6164 | 1.3092 | 1.6629 | 1.3464 | 1.4143 | 1.5958 | 0.9193 |
| | 1.5451 | 1.3192 | 1.4949 | 1.2587 | 1.4450 | 1.3423 | 1.2834 | 1.8791 |
| 10 | 1.6294 | 1.3077 | 1.3822 | 1.4421 | 1.6783 | 1.4106 | 1.5917 | 0.8589 |
| | 1.2952 | 1.4969 | 1.4197 | 1.3691 | 1.2652 | 1.3767 | 1.3085 | 1.9757 |
| 11 | 1.3254 | 1.6612 | 1.4406 | 1.6734 | 1.4612 | 1.6158 | 1.5641 | 0.8157 |
| | 1.4507 | 1.2593 | 1.3705 | 1.2656 | 1.3234 | 1.3051 | 1.3459 | 2.2236 |
| 12 | 1.6154 | 1.3461 | 1.6776 | 1.4609 | 1.3739 | 1.5919 | 1.0338 | |
| | 1.2794 | 1.4456 | 1.2656 | 1.3238 | 1.4069 | 1.3108 | 1.6841 | |
| 13 | 1.2809 | 1.4142 | 1.4104 | 1.6157 | 1.5915 | 1.1041 | 0.6847 | |
| | 1.4800 | 1.3423 | 1.3766 | 1.3051 | 1.3110 | 1.7985 | 2.6289 | |
| 14 | 1.5857 | 1.5958 | 1.5917 | 1.5639 | 1.0337 | 0.6722 | | |
| | 1.2850 | 1.2833 | 1.3085 | 1.3461 | 1.6825 | 2.6085 | | |
| 15 | 0.8872 | 0.9194 | 0.8588 | 0.8156 | F-SUB-Q | | | |
| | 1.8810 | 1.8789 | 1.9756 | 2.2238 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2046 | 1.2733 | 1.6253 | 1.3130 | 1.6085 | 1.2676 | 1.5810 | 0.8718 |
| | 1.6876 | 1.5648 | 1.3130 | 1.4847 | 1.3027 | 1.5154 | 1.3059 | 1.9402 |
| 9 | 1.2733 | 1.6141 | 1.2978 | 1.6606 | 1.3321 | 1.4021 | 1.5908 | 0.9037 |
| | 1.5648 | 1.3256 | 1.5274 | 1.2760 | 1.4785 | 1.3715 | 1.3037 | 1.9373 |
| 10 | 1.6253 | 1.2963 | 1.3676 | 1.4305 | 1.6749 | 1.3956 | 1.5867 | 0.8409 |
| | 1.3130 | 1.5294 | 1.4440 | 1.3891 | 1.2730 | 1.3985 | 1.3263 | 2.0424 |
| 11 | 1.3130 | 1.6590 | 1.4290 | 1.6701 | 1.4480 | 1.6078 | 1.5595 | 0.8010 |
| | 1.4847 | 1.2770 | 1.3906 | 1.2771 | 1.3459 | 1.3220 | 1.3567 | 2.2779 |
| 12 | 1.6085 | 1.3319 | 1.6744 | 1.4478 | 1.3595 | 1.5873 | 1.0158 | |
| | 1.3027 | 1.4791 | 1.2734 | 1.3462 | 1.4398 | 1.3305 | 1.7327 | |
| 13 | 1.2676 | 1.4020 | 1.3955 | 1.6078 | 1.5870 | 1.0892 | 0.6712 | |
| | 1.5154 | 1.3715 | 1.3986 | 1.3220 | 1.3308 | 1.8459 | 2.7163 | |
| 14 | 1.5810 | 1.5908 | 1.5867 | 1.5593 | 1.0158 | 0.6582 | | |
| | 1.3059 | 1.3037 | 1.3263 | 1.3568 | 1.7309 | 2.6982 | | |
| 15 | 0.8718 | 0.9038 | 0.8408 | 0.8009 | F-SUB-Q | | | |
| | 1.9402 | 1.9371 | 2.0423 | 2.2781 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1924 | 1.2612 | 1.6154 | 1.2992 | 1.5962 | 1.2537 | 1.5697 | 0.8602 |
| | 1.7245 | 1.6008 | 1.3351 | 1.5254 | 1.3349 | 1.5582 | 1.3367 | 1.9993 |
| 9 | 1.2612 | 1.6052 | 1.2849 | 1.6509 | 1.3171 | 1.3881 | 1.5791 | 0.8922 |
| | 1.6008 | 1.3504 | 1.5599 | 1.3012 | 1.5147 | 1.4075 | 1.3338 | 1.9945 |
| 10 | 1.6154 | 1.2835 | 1.3521 | 1.4170 | 1.6643 | 1.3794 | 1.5749 | 0.8291 |
| | 1.3351 | 1.5619 | 1.4777 | 1.4175 | 1.2963 | 1.4296 | 1.3510 | 2.1013 |
| 11 | 1.2992 | 1.6494 | 1.4155 | 1.6594 | 1.4328 | 1.5943 | 1.5485 | 0.7901 |
| | 1.5254 | 1.3023 | 1.4189 | 1.2989 | 1.3740 | 1.3460 | 1.3804 | 2.3279 |
| 12 | 1.5962 | 1.3169 | 1.6637 | 1.4327 | 1.3436 | 1.5758 | 1.0038 | |
| | 1.3349 | 1.5152 | 1.2967 | 1.3744 | 1.4691 | 1.3525 | 1.7676 | |
| 13 | 1.2537 | 1.3880 | 1.3792 | 1.5943 | 1.5756 | 1.0774 | 0.6618 | |
| | 1.5582 | 1.4076 | 1.4294 | 1.3460 | 1.3527 | 1.8865 | 2.7788 | |
| 14 | 1.5697 | 1.5791 | 1.5750 | 1.5484 | 1.0038 | 0.6484 | | |
| | 1.3367 | 1.3337 | 1.3509 | 1.3805 | 1.7656 | 2.7626 | | |
| 15 | 0.8602 | 0.8923 | 0.8290 | 0.7900 | F-SUB-Q | | | |
| | 1.9993 | 1.9944 | 2.1012 | 2.3281 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1857 | 1.2536 | 1.6135 | 1.2910 | 1.5922 | 1.2448 | 1.5663 | 0.8494 |
| | 1.7757 | 1.6403 | 1.3595 | 1.5674 | 1.3664 | 1.6022 | 1.3671 | 2.0667 |
| 9 | 1.2536 | 1.6046 | 1.2771 | 1.6494 | 1.3073 | 1.3800 | 1.5753 | 0.8802 |
| | 1.6403 | 1.3748 | 1.5969 | 1.3252 | 1.5524 | 1.4440 | 1.3633 | 2.0633 |
| 10 | 1.6135 | 1.2757 | 1.3425 | 1.4089 | 1.6618 | 1.3687 | 1.5711 | 0.8164 |
| | 1.3595 | 1.5989 | 1.5109 | 1.4474 | 1.3194 | 1.4608 | 1.3752 | 2.1727 |
| 11 | 1.2910 | 1.6479 | 1.4074 | 1.6569 | 1.4235 | 1.5887 | 1.5450 | 0.7786 |
| | 1.5674 | 1.3264 | 1.4489 | 1.3263 | 1.4103 | 1.3766 | 1.4071 | 2.3938 |
| 12 | 1.5922 | 1.3071 | 1.6613 | 1.4234 | 1.3338 | 1.5724 | 0.9912 | |
| | 1.3664 | 1.5529 | 1.3198 | 1.4105 | 1.5104 | 1.3812 | 1.8229 | |
| 13 | 1.2448 | 1.3799 | 1.3685 | 1.5887 | 1.5722 | 1.0671 | 0.6527 | |
| | 1.6022 | 1.4441 | 1.4606 | 1.3765 | 1.3814 | 1.9408 | 2.8675 | |
| 14 | 1.5663 | 1.5753 | 1.5712 | 1.5449 | 0.9913 | 0.6388 | | |
| | 1.3671 | 1.3633 | 1.3751 | 1.4072 | 1.8207 | 2.8538 | | |
| 15 | 0.8494 | 0.8803 | 0.8164 | 0.7784 | F-SUB-Q | | | |
| | 2.0667 | 2.0632 | 2.1726 | 2.3942 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1716 | 1.2406 | 1.5906 | 1.2751 | 1.5679 | 1.2279 | 1.5419 | 0.8506 |
| | 1.8380 | 1.6929 | 1.4128 | 1.6277 | 1.4239 | 1.6661 | 1.4241 | 2.1190 |
| 9 | 1.2406 | 1.5821 | 1.2630 | 1.6249 | 1.3019 | 1.3621 | 1.5504 | 0.8818 |
| | 1.6929 | 1.4242 | 1.6540 | 1.3782 | 1.5979 | 1.4996 | 1.4190 | 2.1116 |
| 10 | 1.5906 | 1.2616 | 1.3251 | 1.3930 | 1.6368 | 1.3498 | 1.5458 | 0.8232 |
| | 1.4128 | 1.6562 | 1.5656 | 1.4974 | 1.3675 | 1.5146 | 1.4286 | 2.2046 |
| 11 | 1.2751 | 1.6235 | 1.3916 | 1.6318 | 1.4054 | 1.5636 | 1.5209 | 0.7802 |
| | 1.6277 | 1.3794 | 1.4989 | 1.3738 | 1.4576 | 1.4267 | 1.4551 | 2.4376 |
| 12 | 1.5679 | 1.3013 | 1.6363 | 1.4054 | 1.3139 | 1.5472 | 0.9980 | |
| | 1.4239 | 1.5988 | 1.3679 | 1.4578 | 1.5738 | 1.4409 | 1.8499 | |
| 13 | 1.2279 | 1.3619 | 1.3496 | 1.5637 | 1.5469 | 1.0660 | 0.6557 | |
| | 1.6661 | 1.4997 | 1.5146 | 1.4266 | 1.4411 | 1.9959 | 2.9273 | |
| 14 | 1.5419 | 1.5504 | 1.5459 | 1.5208 | 0.9980 | 0.6413 | | |
| | 1.4241 | 1.4189 | 1.4285 | 1.4551 | 1.8479 | 2.9153 | | |
| 15 | 0.8506 | 0.8819 | 0.8232 | 0.7801 | F-SUB-Q | | | |
| | 2.1190 | 2.1115 | 2.2045 | 2.4377 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1755 | 1.2438 | 1.6088 | 1.2792 | 1.5837 | 1.2314 | 1.5589 | 0.8392 |
| | 1.8850 | 1.7405 | 1.4412 | 1.6754 | 1.4545 | 1.7134 | 1.4519 | 2.2110 |
| 9 | 1.2438 | 1.6018 | 1.2658 | 1.6449 | 1.2932 | 1.3680 | 1.5672 | 0.8720 |
| | 1.7405 | 1.4496 | 1.7027 | 1.4033 | 1.6563 | 1.5385 | 1.4462 | 2.2001 |
| 10 | 1.6088 | 1.2645 | 1.3282 | 1.3981 | 1.6559 | 1.3525 | 1.5628 | 0.8076 |
| | 1.4412 | 1.7049 | 1.6094 | 1.5370 | 1.3902 | 1.5544 | 1.4534 | 2.3113 |
| 11 | 1.2792 | 1.6434 | 1.3966 | 1.6507 | 1.4098 | 1.5777 | 1.5375 | 0.7701 |
| | 1.6754 | 1.4046 | 1.5386 | 1.3955 | 1.4927 | 1.4516 | 1.4778 | 2.5374 |
| 12 | 1.5837 | 1.2932 | 1.6554 | 1.4098 | 1.3181 | 1.5646 | 0.9830 | |
| | 1.4545 | 1.6566 | 1.3905 | 1.4929 | 1.6072 | 1.4584 | 1.9245 | |
| 13 | 1.2314 | 1.3678 | 1.3526 | 1.5778 | 1.5644 | 1.0585 | 0.6449 | |
| | 1.7134 | 1.5386 | 1.5543 | 1.4515 | 1.4586 | 2.0586 | 3.0408 | |
| 14 | 1.5589 | 1.5673 | 1.5629 | 1.5375 | 0.9831 | 0.6302 | | |
| | 1.4519 | 1.4461 | 1.4533 | 1.4778 | 1.9221 | 3.0305 | | |
| 15 | 0.8392 | 0.8720 | 0.8075 | 0.7700 | F-SUB-Q | | | |
| | 2.2110 | 2.1999 | 2.3111 | 2.5376 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1748 | 1.2434 | 1.6121 | 1.2780 | 1.5851 | 1.2290 | 1.5602 | 0.8374 |
| | 1.9563 | 1.8066 | 1.4918 | 1.7399 | 1.5072 | 1.7786 | 1.5023 | 2.2941 |
| 9 | 1.2434 | 1.6059 | 1.2651 | 1.6481 | 1.2920 | 1.3666 | 1.5682 | 0.8705 |
| | 1.8066 | 1.5000 | 1.7669 | 1.4513 | 1.7189 | 1.5947 | 1.4955 | 2.2811 |
| 10 | 1.6121 | 1.2638 | 1.3258 | 1.3974 | 1.6584 | 1.3496 | 1.5637 | 0.8064 |
| | 1.4918 | 1.7692 | 1.6712 | 1.5937 | 1.4373 | 1.6122 | 1.5010 | 2.3927 |
| 11 | 1.2780 | 1.6467 | 1.3959 | 1.6532 | 1.4078 | 1.5777 | 1.5389 | 0.7682 |
| | 1.7399 | 1.4525 | 1.5953 | 1.4424 | 1.5468 | 1.5011 | 1.5262 | 2.6252 |
| 12 | 1.5851 | 1.2914 | 1.6580 | 1.4079 | 1.3151 | 1.5659 | 0.9824 | |
| | 1.5072 | 1.7192 | 1.4376 | 1.5470 | 1.6645 | 1.5044 | 1.9884 | |
| 13 | 1.2290 | 1.3665 | 1.3497 | 1.5779 | 1.5657 | 1.0581 | 0.6435 | |
| | 1.7786 | 1.5948 | 1.6122 | 1.5009 | 1.5046 | 2.1243 | 3.1416 | |
| 14 | 1.5602 | 1.5684 | 1.5638 | 1.5389 | 0.9825 | 0.6285 | | |
| | 1.5023 | 1.4954 | 1.5008 | 1.5261 | 1.9859 | 3.1329 | | |
| 15 | 0.8374 | 0.8706 | 0.8064 | 0.7681 | F-SUB-Q | | | |
| | 2.2941 | 2.2810 | 2.3925 | 2.6253 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1712 | 1.2396 | 1.6027 | 1.2728 | 1.5741 | 1.2226 | 1.5492 | 0.8433 |
| | 1.9082 | 1.7606 | 1.4692 | 1.7043 | 1.4927 | 1.7722 | 1.5155 | 2.2708 |
| 9 | 1.2396 | 1.5968 | 1.2609 | 1.6375 | 1.2991 | 1.3593 | 1.5568 | 0.8754 |
| | 1.7606 | 1.4769 | 1.7262 | 1.4429 | 1.6841 | 1.5965 | 1.5111 | 2.2607 |
| 10 | 1.6027 | 1.2597 | 1.3185 | 1.3920 | 1.6473 | 1.3416 | 1.5519 | 0.8162 |
| | 1.4692 | 1.7277 | 1.6470 | 1.5788 | 1.4450 | 1.6127 | 1.5226 | 2.3617 |
| 11 | 1.2728 | 1.6361 | 1.3906 | 1.6421 | 1.4006 | 1.5660 | 1.5280 | 0.7727 |
| | 1.7043 | 1.4440 | 1.5803 | 1.4526 | 1.5529 | 1.5237 | 1.5554 | 2.6174 |
| 12 | 1.5741 | 1.2986 | 1.6469 | 1.4006 | 1.3058 | 1.5544 | 0.9933 | |
| | 1.4927 | 1.6850 | 1.4453 | 1.5530 | 1.6914 | 1.5435 | 1.9861 | |
| 13 | 1.2226 | 1.3592 | 1.3416 | 1.5662 | 1.5542 | 1.0631 | 0.6488 | |
| | 1.7722 | 1.5967 | 1.6126 | 1.5235 | 1.5436 | 2.1466 | 3.1470 | |
| 14 | 1.5492 | 1.5569 | 1.5520 | 1.5281 | 0.9934 | 0.6337 | | |
| | 1.5155 | 1.5110 | 1.5224 | 1.5553 | 1.9838 | 3.1382 | | |
| 15 | 0.8433 | 0.8754 | 0.8161 | 0.7726 | F-SUB-Q | | | |
| | 2.2708 | 2.2606 | 2.3615 | 2.6175 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1791 | 1.2490 | 1.6282 | 1.2824 | 1.5971 | 1.2315 | 1.5734 | 0.8362 |
| | 1.8300 | 1.6843 | 1.3939 | 1.6299 | 1.4179 | 1.6953 | 1.4380 | 2.2059 |
| 9 | 1.2490 | 1.6238 | 1.2701 | 1.6651 | 1.2959 | 1.3716 | 1.5810 | 0.8693 |
| | 1.6843 | 1.3999 | 1.6520 | 1.3675 | 1.6266 | 1.5247 | 1.4339 | 2.1943 |
| 10 | 1.6282 | 1.2689 | 1.3277 | 1.4038 | 1.6740 | 1.3510 | 1.5762 | 0.8048 |
| | 1.3939 | 1.6533 | 1.5763 | 1.5083 | 1.3694 | 1.5425 | 1.4434 | 2.3074 |
| 11 | 1.2824 | 1.6637 | 1.4023 | 1.6686 | 1.4115 | 1.5872 | 1.5519 | 0.7666 |
| | 1.6299 | 1.3685 | 1.5097 | 1.3769 | 1.4836 | 1.4470 | 1.4737 | 2.5394 |
| 12 | 1.5971 | 1.2955 | 1.6737 | 1.4116 | 1.3164 | 1.5790 | 0.9834 | |
| | 1.4179 | 1.6268 | 1.3697 | 1.4836 | 1.6154 | 1.4628 | 1.9299 | |
| 13 | 1.2315 | 1.3715 | 1.3510 | 1.5875 | 1.5788 | 1.0612 | 0.6419 | |
| | 1.6953 | 1.5249 | 1.5424 | 1.4468 | 1.4630 | 2.0693 | 3.0576 | |
| 14 | 1.5734 | 1.5812 | 1.5764 | 1.5521 | 0.9836 | 0.6261 | | |
| | 1.4380 | 1.4338 | 1.4432 | 1.4736 | 1.9273 | 3.0529 | | |
| 15 | 0.8362 | 0.8694 | 0.8048 | 0.7664 | F-SUB-Q | | | |
| | 2.2059 | 2.1941 | 2.3071 | 2.5398 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1865 | 1.2573 | 1.6447 | 1.2906 | 1.6114 | 1.2384 | 1.5880 | 0.8377 |
| | 1.7634 | 1.6221 | 1.3381 | 1.5701 | 1.3623 | 1.6336 | 1.3806 | 2.1323 |
| 9 | 1.2573 | 1.6411 | 1.2781 | 1.6823 | 1.3014 | 1.3805 | 1.5956 | 0.8686 |
| | 1.6221 | 1.3432 | 1.5912 | 1.3123 | 1.5684 | 1.4679 | 1.3766 | 2.1266 |
| 10 | 1.6447 | 1.2770 | 1.3345 | 1.4134 | 1.6907 | 1.3578 | 1.5906 | 0.8052 |
| | 1.3381 | 1.5926 | 1.5198 | 1.4519 | 1.3141 | 1.4868 | 1.3853 | 2.2324 |
| 11 | 1.2906 | 1.6809 | 1.4119 | 1.6850 | 1.4198 | 1.6001 | 1.5666 | 0.7651 |
| | 1.5701 | 1.3132 | 1.4533 | 1.3213 | 1.4289 | 1.3898 | 1.4131 | 2.4612 |
| 12 | 1.6114 | 1.3010 | 1.6904 | 1.4200 | 1.3232 | 1.5938 | 0.9854 | |
| | 1.3623 | 1.5685 | 1.3143 | 1.4288 | 1.5562 | 1.4025 | 1.8628 | |
| 13 | 1.2384 | 1.3803 | 1.3578 | 1.6004 | 1.5937 | 1.0658 | 0.6423 | |
| | 1.6336 | 1.4680 | 1.4868 | 1.3896 | 1.4026 | 1.9924 | 2.9515 | |
| 14 | 1.5880 | 1.5958 | 1.5909 | 1.5668 | 0.9857 | 0.6259 | | |
| | 1.3806 | 1.3765 | 1.3851 | 1.4130 | 1.8602 | 2.9496 | | |
| 15 | 0.8377 | 0.8687 | 0.8052 | 0.7649 | F-SUB-Q | | | |
| | 2.1323 | 2.1264 | 2.2322 | 2.4615 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1939 | 1.2660 | 1.6585 | 1.2990 | 1.6233 | 1.2457 | 1.5997 | 0.8439 |
| | 1.7045 | 1.5666 | 1.2900 | 1.5172 | 1.3143 | 1.5782 | 1.3309 | 2.0561 |
| 9 | 1.2660 | 1.6556 | 1.2869 | 1.6963 | 1.3141 | 1.3892 | 1.6070 | 0.8788 |
| | 1.5666 | 1.2945 | 1.5367 | 1.2645 | 1.5108 | 1.4169 | 1.3269 | 2.0417 |
| 10 | 1.6585 | 1.2859 | 1.3422 | 1.4234 | 1.7042 | 1.3652 | 1.6018 | 0.8130 |
| | 1.2900 | 1.5380 | 1.4686 | 1.4007 | 1.2658 | 1.4361 | 1.3349 | 2.1467 |
| 11 | 1.2990 | 1.6950 | 1.4219 | 1.6985 | 1.4286 | 1.6106 | 1.5780 | 0.7734 |
| | 1.5172 | 1.2654 | 1.4020 | 1.2726 | 1.3786 | 1.3394 | 1.3604 | 2.3625 |
| 12 | 1.6233 | 1.3138 | 1.7039 | 1.4288 | 1.3299 | 1.6055 | 0.9956 | |
| | 1.3143 | 1.5115 | 1.2660 | 1.3786 | 1.5024 | 1.3495 | 1.7875 | |
| 13 | 1.2457 | 1.3890 | 1.3652 | 1.6109 | 1.6053 | 1.0753 | 0.6476 | |
| | 1.5782 | 1.4170 | 1.4361 | 1.3391 | 1.3496 | 1.9139 | 2.8370 | |
| 14 | 1.5997 | 1.6072 | 1.6021 | 1.5782 | 0.9959 | 0.6310 | | |
| | 1.3309 | 1.3268 | 1.3347 | 1.3602 | 1.7850 | 2.8357 | | |
| 15 | 0.8439 | 0.8789 | 0.8131 | 0.7733 | F-SUB-Q | | | |
| | 2.0561 | 2.0415 | 2.1464 | 2.3626 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2056 | 1.2762 | 1.6676 | 1.3094 | 1.6308 | 1.2538 | 1.6062 | 0.8594 |
| | 1.7797 | 1.6415 | 1.3550 | 1.5902 | 1.3813 | 1.6545 | 1.3979 | 2.1312 |
| 9 | 1.2762 | 1.6643 | 1.2991 | 1.7045 | 1.3365 | 1.3976 | 1.6132 | 0.8934 |
| | 1.6415 | 1.3596 | 1.6099 | 1.3282 | 1.5680 | 1.4857 | 1.3935 | 2.1183 |
| 10 | 1.6676 | 1.2988 | 1.3513 | 1.4342 | 1.7121 | 1.3731 | 1.6076 | 0.8318 |
| | 1.3550 | 1.6106 | 1.5410 | 1.4670 | 1.3284 | 1.5059 | 1.4018 | 2.2123 |
| 11 | 1.3094 | 1.7031 | 1.4327 | 1.7063 | 1.4377 | 1.6173 | 1.5846 | 0.7864 |
| | 1.5902 | 1.3291 | 1.4684 | 1.3353 | 1.4438 | 1.4048 | 1.4263 | 2.4479 |
| 12 | 1.6308 | 1.3361 | 1.7118 | 1.4380 | 1.3360 | 1.6117 | 1.0173 | |
| | 1.3813 | 1.5686 | 1.3286 | 1.4437 | 1.5743 | 1.4138 | 1.8411 | |
| 13 | 1.2538 | 1.3974 | 1.3730 | 1.6177 | 1.6116 | 1.0920 | 0.6595 | |
| | 1.6545 | 1.4858 | 1.5059 | 1.4045 | 1.4139 | 1.9820 | 2.9307 | |
| 14 | 1.6062 | 1.6134 | 1.6079 | 1.5848 | 1.0175 | 0.6429 | | |
| | 1.3979 | 1.3934 | 1.4015 | 1.4261 | 1.8387 | 2.9279 | | |
| 15 | 0.8594 | 0.8935 | 0.8318 | 0.7864 | F-SUB-Q | | | |
| | 2.1312 | 2.1182 | 2.2120 | 2.4480 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2256 | 1.3003 | 1.7151 | 1.3340 | 1.6760 | 1.2780 | 1.6523 | 0.8608 |
| | 1.7151 | 1.5800 | 1.2925 | 1.5320 | 1.3197 | 1.5937 | 1.3335 | 2.0869 |
| 9 | 1.3003 | 1.7132 | 1.3216 | 1.7554 | 1.3471 | 1.4281 | 1.6596 | 0.8940 |
| | 1.5800 | 1.2952 | 1.5513 | 1.2656 | 1.5266 | 1.4271 | 1.3292 | 2.0777 |
| 10 | 1.7151 | 1.3206 | 1.3768 | 1.4641 | 1.7627 | 1.4003 | 1.6541 | 0.8277 |
| | 1.2925 | 1.5526 | 1.4836 | 1.4104 | 1.2658 | 1.4490 | 1.3358 | 2.1808 |
| 11 | 1.3340 | 1.7540 | 1.4625 | 1.7566 | 1.4672 | 1.6610 | 1.6301 | 0.7859 |
| | 1.5320 | 1.2665 | 1.4118 | 1.2721 | 1.3870 | 1.3400 | 1.3582 | 2.4010 |
| 12 | 1.6760 | 1.3468 | 1.7624 | 1.4676 | 1.3639 | 1.6587 | 1.0167 | |
| | 1.3197 | 1.5272 | 1.2659 | 1.3869 | 1.5068 | 1.3433 | 1.8035 | |
| 13 | 1.2780 | 1.4279 | 1.4003 | 1.6614 | 1.6586 | 1.1016 | 0.6592 | |
| | 1.5937 | 1.4272 | 1.4490 | 1.3397 | 1.3434 | 1.9202 | 2.8689 | |
| 14 | 1.6523 | 1.6599 | 1.6544 | 1.6304 | 1.0171 | 0.6414 | | |
| | 1.3335 | 1.3291 | 1.3355 | 1.3579 | 1.8008 | 2.8716 | | |
| 15 | 0.8608 | 0.8941 | 0.8278 | 0.7858 | F-SUB-Q | | | |
| | 2.0869 | 2.0775 | 2.1805 | 2.4012 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2451 | 1.3214 | 1.7474 | 1.3559 | 1.7069 | 1.2992 | 1.6836 | 0.8736 |
| | 1.6339 | 1.5090 | 1.2315 | 1.4639 | 1.2581 | 1.5247 | 1.2726 | 2.0034 |
| 9 | 1.3214 | 1.7455 | 1.3432 | 1.7892 | 1.3702 | 1.4534 | 1.6912 | 0.9077 |
| | 1.5090 | 1.2334 | 1.4822 | 1.2052 | 1.4568 | 1.3633 | 1.2683 | 1.9935 |
| 10 | 1.7474 | 1.3422 | 1.3995 | 1.4900 | 1.7969 | 1.4239 | 1.6854 | 0.8402 |
| | 1.2315 | 1.4834 | 1.4170 | 1.3447 | 1.2039 | 1.3837 | 1.2742 | 2.0925 |
| 11 | 1.3559 | 1.7877 | 1.4885 | 1.7907 | 1.4926 | 1.6918 | 1.6612 | 0.7974 |
| | 1.4639 | 1.2061 | 1.3460 | 1.2094 | 1.3218 | 1.2764 | 1.2946 | 2.3046 |
| 12 | 1.7069 | 1.3699 | 1.7967 | 1.4930 | 1.3863 | 1.6902 | 1.0334 | |
| | 1.2581 | 1.4573 | 1.2041 | 1.3217 | 1.4350 | 1.2782 | 1.7236 | |
| 13 | 1.2992 | 1.4532 | 1.4239 | 1.6922 | 1.6902 | 1.1198 | 0.6684 | |
| | 1.5247 | 1.3634 | 1.3837 | 1.2760 | 1.2782 | 1.8323 | 2.7542 | |
| 14 | 1.6836 | 1.6915 | 1.6857 | 1.6615 | 1.0338 | 0.6501 | | |
| | 1.2726 | 1.2682 | 1.2740 | 1.2944 | 1.7211 | 2.7579 | | |
| 15 | 0.8736 | 0.9077 | 0.8403 | 0.7973 | F-SUB-Q | | | |
| | 2.0034 | 1.9933 | 2.0921 | 2.3049 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2621 | 1.3352 | 1.7535 | 1.3726 | 1.7131 | 1.3120 | 1.6902 | 0.8965 |
| | 1.5734 | 1.4572 | 1.1971 | 1.4126 | 1.2232 | 1.4730 | 1.2361 | 1.9056 |
| 9 | 1.3352 | 1.7503 | 1.3614 | 1.7941 | 1.4027 | 1.4673 | 1.6979 | 0.9326 |
| | 1.4572 | 1.1996 | 1.4285 | 1.1719 | 1.3880 | 1.3171 | 1.2312 | 1.8930 |
| 10 | 1.7535 | 1.3611 | 1.4175 | 1.5060 | 1.8034 | 1.4387 | 1.6914 | 0.8682 |
| | 1.1971 | 1.4291 | 1.3661 | 1.2975 | 1.1688 | 1.3352 | 1.2371 | 1.9752 |
| 11 | 1.3726 | 1.7927 | 1.5043 | 1.7972 | 1.5089 | 1.7003 | 1.6679 | 0.8194 |
| | 1.4126 | 1.1728 | 1.2988 | 1.1738 | 1.2743 | 1.2363 | 1.2551 | 2.1863 |
| 12 | 1.7131 | 1.4023 | 1.8031 | 1.5090 | 1.3975 | 1.6960 | 1.0662 | |
| | 1.2232 | 1.3886 | 1.1690 | 1.2743 | 1.3851 | 1.2384 | 1.6262 | |
| 13 | 1.3120 | 1.4671 | 1.4386 | 1.7007 | 1.6959 | 1.1434 | 0.6870 | |
| | 1.4730 | 1.3173 | 1.3352 | 1.2360 | 1.2385 | 1.7451 | 2.6085 | |
| 14 | 1.6902 | 1.6981 | 1.6917 | 1.6682 | 1.0664 | 0.6681 | | |
| | 1.2361 | 1.2311 | 1.2369 | 1.2549 | 1.6241 | 2.6125 | | |
| 15 | 0.8965 | 0.9327 | 0.8682 | 0.8193 | F-SUB-Q | | | |
| | 1.9056 | 1.8928 | 1.9749 | 2.1864 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2701 | 1.3456 | 1.7769 | 1.3796 | 1.7376 | 1.3272 | 1.7170 | 0.8901 |
| | 1.5309 | 1.4169 | 1.1572 | 1.3763 | 1.1815 | 1.4268 | 1.1913 | 1.8799 |
| 9 | 1.3456 | 1.7746 | 1.3681 | 1.8206 | 1.4002 | 1.4881 | 1.7260 | 0.9274 |
| | 1.4169 | 1.1589 | 1.3921 | 1.1314 | 1.3622 | 1.2720 | 1.1862 | 1.8653 |
| 10 | 1.7769 | 1.3671 | 1.4323 | 1.5243 | 1.8310 | 1.4583 | 1.7189 | 0.8580 |
| | 1.1572 | 1.3933 | 1.3238 | 1.2556 | 1.1266 | 1.2900 | 1.1914 | 1.9579 |
| 11 | 1.3796 | 1.8190 | 1.5225 | 1.8249 | 1.5278 | 1.7276 | 1.6933 | 0.8137 |
| | 1.3763 | 1.1323 | 1.2569 | 1.1311 | 1.2313 | 1.1903 | 1.2091 | 2.1556 |
| 12 | 1.7376 | 1.3998 | 1.8307 | 1.5282 | 1.4177 | 1.7226 | 1.0577 | |
| | 1.1815 | 1.3628 | 1.1267 | 1.2312 | 1.3358 | 1.1919 | 1.6035 | |
| 13 | 1.3272 | 1.4879 | 1.4582 | 1.7280 | 1.7225 | 1.1411 | 0.6804 | |
| | 1.4268 | 1.2722 | 1.2900 | 1.1900 | 1.1920 | 1.7097 | 2.5773 | |
| 14 | 1.7170 | 1.7263 | 1.7192 | 1.6935 | 1.0579 | 0.6615 | | |
| | 1.1913 | 1.1861 | 1.1912 | 1.2090 | 1.6015 | 2.5821 | | |
| 15 | 0.8901 | 0.9275 | 0.8580 | 0.8136 | F-SUB-Q | | | |
| | 1.8799 | 1.8651 | 1.9576 | 2.1558 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2354 | 1.3040 | 1.7046 | 1.3353 | 1.6716 | 1.2916 | 1.6501 | 0.8587 |
| | 1.5485 | 1.4381 | 1.1857 | 1.3985 | 1.2074 | 1.4416 | 1.2176 | 1.9158 |
| 9 | 1.3040 | 1.7034 | 1.3247 | 1.7476 | 1.3509 | 1.4462 | 1.6604 | 0.8924 |
| | 1.4381 | 1.1867 | 1.4142 | 1.1581 | 1.3863 | 1.2864 | 1.2111 | 1.9057 |
| 10 | 1.7046 | 1.3236 | 1.3949 | 1.4800 | 1.7599 | 1.4202 | 1.6534 | 0.8274 |
| | 1.1857 | 1.4155 | 1.3366 | 1.2711 | 1.1509 | 1.3014 | 1.2163 | 1.9957 |
| 11 | 1.3353 | 1.7459 | 1.4783 | 1.7550 | 1.4847 | 1.6664 | 1.6257 | 0.7824 |
| | 1.3985 | 1.1592 | 1.2725 | 1.1550 | 1.2448 | 1.2114 | 1.2359 | 2.2033 |
| 12 | 1.6716 | 1.3511 | 1.7597 | 1.4851 | 1.3798 | 1.6541 | 1.0227 | |
| | 1.2074 | 1.3863 | 1.1511 | 1.2446 | 1.3481 | 1.2178 | 1.6284 | |
| 13 | 1.2916 | 1.4459 | 1.4200 | 1.6667 | 1.6539 | 1.0969 | 0.6571 | |
| | 1.4416 | 1.2866 | 1.3016 | 1.2112 | 1.2180 | 1.7461 | 2.6221 | |
| 14 | 1.6501 | 1.6606 | 1.6537 | 1.6259 | 1.0225 | 0.6382 | | |
| | 1.2176 | 1.2109 | 1.2161 | 1.2358 | 1.6269 | 2.6299 | | |
| 15 | 0.8587 | 0.8925 | 0.8274 | 0.7822 | F-SUB-Q | | | |
| | 1.9158 | 1.9055 | 1.9954 | 2.2036 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 500 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0807 | 1.1366 | 1.4471 | 1.1614 | 1.4257 | 1.1295 | 1.4039 | 0.7406 |
| | 1.7445 | 1.6256 | 1.3749 | 1.5842 | 1.3936 | 1.6235 | 1.4084 | 2.1890 |
| 9 | 1.1366 | 1.4628 | 1.1558 | 1.5048 | 1.1817 | 1.2570 | 1.4138 | 0.7639 |
| | 1.6256 | 1.3604 | 1.5968 | 1.3238 | 1.5610 | 1.4575 | 1.3994 | 2.1928 |
| 10 | 1.4471 | 1.1546 | 1.2244 | 1.2965 | 1.5177 | 1.2467 | 1.4075 | 0.7129 |
| | 1.3749 | 1.5987 | 1.5000 | 1.4288 | 1.3132 | 1.4598 | 1.4059 | 2.2810 |
| 11 | 1.1614 | 1.5034 | 1.2948 | 1.5134 | 1.2969 | 1.4241 | 1.3785 | 0.6694 |
| | 1.5842 | 1.3250 | 1.4305 | 1.3174 | 1.4026 | 1.3943 | 1.4341 | 2.5368 |
| 12 | 1.4257 | 1.1818 | 1.5174 | 1.2972 | 1.1896 | 1.4060 | 0.8788 | |
| | 1.3936 | 1.5611 | 1.3134 | 1.4025 | 1.5394 | 1.4094 | 1.8657 | |
| 13 | 1.1295 | 1.2568 | 1.2464 | 1.4243 | 1.4058 | 0.9260 | 0.5686 | |
| | 1.6235 | 1.4577 | 1.4601 | 1.3941 | 1.4095 | 2.0359 | 2.9865 | |
| 14 | 1.4039 | 1.4139 | 1.4077 | 1.3785 | 0.8780 | 0.5527 | | |
| | 1.4084 | 1.3993 | 1.4057 | 1.4340 | 1.8656 | 2.9925 | | |
| 15 | 0.7406 | 0.7639 | 0.7128 | 0.6693 | F-SUB-Q | | | |
| | 2.1890 | 2.1926 | 2.2809 | 2.5372 | M-SUB-Q | | | |

AT 100% POWER, 500 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.5525 | 0.5793 | 0.6857 | 0.5922 | 0.6777 | 0.5620 | 0.6282 | 0.3599 |
| | 3.3658 | 3.1440 | 2.8589 | 3.0619 | 2.8888 | 3.2207 | 3.0997 | 4.4463 |
| 9 | 0.5793 | 0.6712 | 0.5886 | 0.6958 | 0.6039 | 0.5919 | 0.6319 | 0.3681 |
| | 3.1440 | 2.9202 | 3.0902 | 2.8185 | 3.0088 | 3.0486 | 3.0825 | 4.4925 |
| 10 | 0.6857 | 0.5881 | 0.5900 | 0.6386 | 0.7018 | 0.5974 | 0.6284 | 0.3478 |
| | 2.8589 | 3.0933 | 3.0665 | 2.8565 | 2.7949 | 2.9996 | 3.1003 | 4.6175 |
| 11 | 0.5922 | 0.6951 | 0.6378 | 0.7001 | 0.6203 | 0.6731 | 0.6091 | 0.3218 |
| | 3.0619 | 2.8210 | 2.8600 | 2.8031 | 2.8861 | 2.9046 | 3.1984 | 5.2118 |
| 12 | 0.6777 | 0.6039 | 0.7016 | 0.6204 | 0.5619 | 0.6268 | 0.4289 | |
| | 2.8888 | 3.0094 | 2.7956 | 2.8862 | 3.2096 | 3.1124 | 3.7704 | |
| 13 | 0.5620 | 0.5918 | 0.5973 | 0.6732 | 0.6267 | 0.4612 | 0.2762 | |
| | 3.2207 | 3.0489 | 3.0002 | 2.9044 | 3.1130 | 4.0315 | 6.0758 | |
| 14 | 0.6282 | 0.6319 | 0.6285 | 0.6090 | 0.4284 | 0.2719 | | |
| | 3.0997 | 3.0823 | 3.1001 | 3.1986 | 3.7702 | 6.0111 | | |
| 15 | 0.3599 | 0.3681 | 0.3478 | 0.3218 | F-SUB-Q | | | |
| | 4.4463 | 4.4922 | 4.6168 | 5.2126 | 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 | 0.3980 | 0.5095 | 0.6273 | 0.5745 | 0.6672 | 0.5692 | 0.5941 | 0.3275 |
| | 4.1362 | 4.0037 | 3.2261 | 3.4996 | 3.0118 | 3.5433 | 3.4412 | 5.6432 |
| 9 | 0.5095 | 0.5851 | 0.5478 | 0.6485 | 0.5867 | 0.5763 | 0.5948 | 0.3358 |
| | 4.0037 | 3.5082 | 3.7128 | 3.1131 | 3.4255 | 3.5086 | 3.4377 | 5.5408 |
| 10 | 0.6273 | 0.5468 | 0.5503 | 0.5957 | 0.6415 | 0.5653 | 0.5659 | 0.3064 |
| | 3.2261 | 3.7167 | 3.7579 | 3.4073 | 3.1420 | 3.5503 | 3.5373 | 5.9231 |
| 11 | 0.5745 | 0.6472 | 0.5943 | 0.6139 | 0.5485 | 0.5691 | 0.5089 | 0.2654 |
| | 3.4996 | 3.1174 | 3.4147 | 3.3319 | 3.6974 | 3.5149 | 3.9202 | 6.7853 |
| 12 | 0.6672 | 0.5864 | 0.6406 | 0.5479 | 0.4091 | 0.4401 | 0.3397 | |
| | 3.0118 | 3.4273 | 3.1459 | 3.7010 | 4.1284 | 3.8947 | 5.0826 | |
| 13 | 0.5692 | 0.5761 | 0.5648 | 0.5687 | 0.4396 | 0.2894 | 0.1724 | |
| | 3.5433 | 3.5103 | 3.5532 | 3.5173 | 3.8974 | 5.2345 | 9.1937 | |
| 14 | 0.5941 | 0.5947 | 0.5655 | 0.5085 | 0.3392 | 0.1676 | | |
| | 3.4412 | 3.4388 | 3.5394 | 3.9234 | 5.0890 | 9.3710 | | |
| 15 | 0.3275 | 0.3357 | 0.3062 | 0.2651 | F-SUB-Q | | | |
| | 5.6432 | 5.5418 | 5.9266 | 6.7915 | 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 | 0.8377 | 1.0544 | 1.3928 | 1.1922 | 1.4941 | 1.2406 | 1.4494 | 0.7283 |
| | 2.0280 | 1.9906 | 1.4954 | 1.7394 | 1.3865 | 1.6743 | 1.4504 | 2.6162 |
| 9 | 1.0544 | 1.3457 | 1.1358 | 1.4239 | 1.2222 | 1.3403 | 1.4558 | 0.7474 |
| | 1.9906 | 1.5644 | 1.8395 | 1.4614 | 1.6958 | 1.5522 | 1.4307 | 2.5438 |
| 10 | 1.3928 | 1.1338 | 1.2476 | 1.2811 | 1.4016 | 1.2867 | 1.3957 | 0.6802 |
| | 1.4954 | 1.8427 | 1.6998 | 1.6281 | 1.4829 | 1.6090 | 1.4763 | 2.7427 |
| 11 | 1.1922 | 1.4212 | 1.2780 | 1.3447 | 1.1977 | 1.3239 | 1.2476 | 0.6045 |
| | 1.7394 | 1.4633 | 1.6320 | 1.5575 | 1.7033 | 1.5390 | 1.6473 | 3.0745 |
| 12 | 1.4941 | 1.2217 | 1.3999 | 1.1965 | 0.9032 | 1.0721 | 0.7545 | |
| | 1.3865 | 1.6965 | 1.4846 | 1.7043 | 1.8011 | 1.6133 | 2.3379 | |
| 13 | 1.2406 | 1.3398 | 1.2859 | 1.3229 | 1.0710 | 0.6212 | 0.3856 | |
| | 1.6743 | 1.5528 | 1.6101 | 1.5399 | 1.6144 | 2.4804 | 4.2021 | |
| 14 | 1.4494 | 1.4554 | 1.3950 | 1.2467 | 0.7533 | 0.3744 | | |
| | 1.4504 | 1.4311 | 1.4771 | 1.6487 | 2.3410 | 4.2895 | | |
| 15 | 0.7283 | 0.7473 | 0.6799 | 0.6040 | F-SUB-Q | | | |
| | 2.6162 | 2.5445 | 2.7443 | 3.0770 | 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 | 0.9724 | 1.1573 | 1.2685 | 1.3088 | 1.4449 | 1.4321 | 1.4864 | 0.8026 |
| | 1.7797 | 1.7972 | 1.6794 | 1.6216 | 1.4665 | 1.4791 | 1.4241 | 2.3856 |
| 9 | 1.1573 | 1.4182 | 1.2954 | 1.4656 | 1.3879 | 1.5406 | 1.4996 | 0.8267 |
| | 1.7972 | 1.5145 | 1.6530 | 1.4543 | 1.5274 | 1.3735 | 1.4087 | 2.3294 |
| 10 | 1.2685 | 1.2897 | 1.4525 | 1.4233 | 1.4885 | 1.4891 | 1.4865 | 0.7673 |
| | 1.6794 | 1.6604 | 1.4776 | 1.4985 | 1.4254 | 1.4236 | 1.4200 | 2.4821 |
| 11 | 1.3088 | 1.4628 | 1.4197 | 1.4393 | 1.3317 | 1.3652 | 1.3851 | 0.6939 |
| | 1.6216 | 1.4570 | 1.5023 | 1.4892 | 1.5340 | 1.5531 | 1.5243 | 2.7473 |
| 12 | 1.4449 | 1.3874 | 1.4874 | 1.3305 | 1.0505 | 1.1410 | 0.8350 | |
| | 1.4665 | 1.5280 | 1.4265 | 1.5344 | 1.5380 | 1.5505 | 2.1610 | |
| 13 | 1.4321 | 1.5400 | 1.4883 | 1.3643 | 1.1399 | 0.7100 | 0.4425 | |
| | 1.4791 | 1.3739 | 1.4244 | 1.5544 | 1.5514 | 2.2221 | 3.7603 | |
| 14 | 1.4864 | 1.4991 | 1.4858 | 1.3840 | 0.8340 | 0.4329 | | |
| | 1.4241 | 1.4092 | 1.4207 | 1.5256 | 2.1631 | 3.8099 | | |
| 15 | 0.8026 | 0.8266 | 0.7668 | 0.6933 | F-SUB-Q | | | |
| | 2.3856 | 2.3297 | 2.4836 | 2.7495 | 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 | 1.0348 | 1.2078 | 1.3182 | 1.3491 | 1.5511 | 1.5231 | 1.6016 | 0.8145 |
| | 1.7152 | 1.7492 | 1.4954 | 1.6188 | 1.3865 | 1.4254 | 1.3519 | 2.3856 |
| 9 | 1.2078 | 1.5243 | 1.3638 | 1.5525 | 1.4638 | 1.6620 | 1.6190 | 0.8413 |
| | 1.7492 | 1.4530 | 1.6163 | 1.4147 | 1.4876 | 1.3041 | 1.3368 | 2.3294 |
| 10 | 1.3182 | 1.3571 | 1.5542 | 1.4993 | 1.6034 | 1.6014 | 1.6133 | 0.7847 |
| | 1.4954 | 1.6244 | 1.4205 | 1.4660 | 1.3626 | 1.3616 | 1.3452 | 2.4821 |
| 11 | 1.3491 | 1.5493 | 1.4952 | 1.5458 | 1.4157 | 1.4831 | 1.5008 | 0.7175 |
| | 1.6188 | 1.4176 | 1.4701 | 1.4305 | 1.4733 | 1.4778 | 1.4534 | 2.7424 |
| 12 | 1.5511 | 1.4633 | 1.6022 | 1.4144 | 1.1234 | 1.2358 | 0.8603 | |
| | 1.3865 | 1.4881 | 1.3637 | 1.4737 | 1.4669 | 1.4759 | 2.1610 | |
| 13 | 1.5231 | 1.6614 | 1.6006 | 1.4819 | 1.2346 | 0.7582 | 0.4602 | |
| | 1.4254 | 1.3045 | 1.3623 | 1.4788 | 1.4767 | 2.1758 | 3.7603 | |
| 14 | 1.6016 | 1.6185 | 1.6125 | 1.4995 | 0.8596 | 0.4500 | | |
| | 1.3519 | 1.3373 | 1.3459 | 1.4547 | 2.1631 | 3.8099 | | |
| 15 | 0.8145 | 0.8412 | 0.7841 | 0.7169 | F-SUB-Q | | | |
| | 2.3856 | 2.3297 | 2.4836 | 2.7448 | 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 | 1.0774 | 1.2346 | 1.3424 | 1.3571 | 1.5885 | 1.5491 | 1.6498 | 0.8212 |
| | 1.7524 | 1.7898 | 1.7093 | 1.6648 | 1.4130 | 1.4465 | 1.3552 | 2.4595 |
| 9 | 1.2346 | 1.5634 | 1.3803 | 1.5902 | 1.4818 | 1.7054 | 1.6710 | 0.8521 |
| | 1.7898 | 1.4791 | 1.6624 | 1.4326 | 1.5170 | 1.3125 | 1.3385 | 2.3875 |
| 10 | 1.3424 | 1.3729 | 1.5828 | 1.5292 | 1.6504 | 1.6433 | 1.6713 | 0.7976 |
| | 1.7093 | 1.6715 | 1.4524 | 1.4930 | 1.3692 | 1.3687 | 1.3413 | 2.5354 |
| 11 | 1.3571 | 1.5867 | 1.5249 | 1.5907 | 1.4660 | 1.5485 | 1.5686 | 0.7339 |
| | 1.6648 | 1.4358 | 1.4975 | 1.4500 | 1.4893 | 1.4730 | 1.4447 | 2.7718 |
| 12 | 1.5885 | 1.4812 | 1.6490 | 1.4646 | 1.1830 | 1.3150 | 0.8947 | |
| | 1.4130 | 1.5175 | 1.3703 | 1.4897 | 1.4828 | 1.4765 | 2.2052 | |
| 13 | 1.5491 | 1.7048 | 1.6424 | 1.5473 | 1.3137 | 0.8123 | 0.4801 | |
| | 1.4465 | 1.3130 | 1.3694 | 1.4743 | 1.4774 | 2.1975 | 3.8642 | |
| 14 | 1.6498 | 1.6704 | 1.6704 | 1.5673 | 0.8941 | 0.4696 | | |
| | 1.3552 | 1.3391 | 1.3421 | 1.4461 | 2.2064 | 3.9170 | | |
| 15 | 0.8212 | 0.8520 | 0.7970 | 0.7331 | F-SUB-Q | | | |
| | 2.4595 | 2.3879 | 2.5376 | 2.7743 | 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 | 1.1682 | 1.2668 | 1.3563 | 1.3590 | 1.6022 | 1.5588 | 1.6716 | 0.8263 |
| | 1.8130 | 1.8522 | 1.7662 | 1.7245 | 1.4477 | 1.4810 | 1.3779 | 2.5191 |
| 9 | 1.2668 | 1.5852 | 1.3880 | 1.6103 | 1.4894 | 1.7254 | 1.6973 | 0.8592 |
| | 1.8522 | 1.5272 | 1.7212 | 1.4725 | 1.5650 | 1.3374 | 1.3596 | 2.4407 |
| 10 | 1.3563 | 1.3828 | 1.5973 | 1.5492 | 1.6751 | 1.6683 | 1.7039 | 0.8084 |
| | 1.7662 | 1.7311 | 1.4987 | 1.5373 | 1.4038 | 1.4003 | 1.3654 | 2.5952 |
| 11 | 1.3590 | 1.6065 | 1.5446 | 1.6184 | 1.5182 | 1.5991 | 1.6189 | 0.7481 |
| | 1.7245 | 1.4760 | 1.5423 | 1.4906 | 1.5295 | 1.5049 | 1.4730 | 2.8425 |
| 12 | 1.6022 | 1.4883 | 1.6735 | 1.5167 | 1.2922 | 1.4231 | 0.9364 | |
| | 1.4477 | 1.5656 | 1.4051 | 1.5299 | 1.5245 | 1.5096 | 2.2502 | |
| 13 | 1.5588 | 1.7246 | 1.6672 | 1.5977 | 1.4220 | 0.9023 | 0.5078 | |
| | 1.4810 | 1.3380 | 1.4012 | 1.5063 | 1.5106 | 2.2581 | 3.9848 | |
| 14 | 1.6716 | 1.6965 | 1.7028 | 1.6173 | 0.9357 | 0.4963 | | |
| | 1.3779 | 1.3602 | 1.3663 | 1.4745 | 2.2515 | 4.0417 | | |
| 15 | 0.8263 | 0.8590 | 0.8076 | 0.7473 | F-SUB-Q | | | |
| | 2.5191 | 2.4411 | 2.5975 | 2.8453 | 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 | 1.3037 | 1.3124 | 1.3896 | 1.3708 | 1.6297 | 1.5789 | 1.7059 | 0.8271 |
| | 1.8666 | 1.9057 | 1.8269 | 1.7915 | 1.4866 | 1.5211 | 1.4062 | 2.6174 |
| 9 | 1.3124 | 1.6233 | 1.4082 | 1.6441 | 1.5087 | 1.7560 | 1.7363 | 0.8612 |
| | 1.9057 | 1.5776 | 1.7883 | 1.5171 | 1.6206 | 1.3706 | 1.3882 | 2.5341 |
| 10 | 1.3896 | 1.4047 | 1.6254 | 1.5806 | 1.7139 | 1.7053 | 1.7493 | 0.8144 |
| | 1.8269 | 1.7992 | 1.5525 | 1.5892 | 1.4423 | 1.4382 | 1.3948 | 2.6997 |
| 11 | 1.3708 | 1.6400 | 1.5756 | 1.6617 | 1.5879 | 1.6649 | 1.6808 | 0.7570 |
| | 1.7915 | 1.5209 | 1.5947 | 1.5262 | 1.5626 | 1.5183 | 1.5067 | 2.9636 |
| 12 | 1.6297 | 1.5075 | 1.7122 | 1.5865 | 1.5185 | 1.5630 | 0.9714 | |
| | 1.4866 | 1.6213 | 1.4438 | 1.5631 | 1.5596 | 1.5358 | 2.3184 | |
| 13 | 1.5789 | 1.7551 | 1.7041 | 1.6634 | 1.5618 | 1.0024 | 0.5334 | |
| | 1.5211 | 1.3713 | 1.4393 | 1.5197 | 1.5369 | 2.3248 | 4.1389 | |
| 14 | 1.7059 | 1.7353 | 1.7481 | 1.6791 | 0.9708 | 0.5207 | | |
| | 1.4062 | 1.3889 | 1.3958 | 1.5082 | 2.3197 | 4.2041 | | |
| 15 | 0.8271 | 0.8611 | 0.8136 | 0.7561 | F-SUB-Q | | | |
| | 2.6174 | 2.5346 | 2.7023 | 2.9667 | 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 | 1.3766 | 1.3588 | 1.4099 | 1.3764 | 1.6445 | 1.5928 | 1.7262 | 0.8282 |
| | 1.9342 | 1.9772 | 1.9201 | 1.8859 | 1.5530 | 1.5868 | 1.4618 | 2.7467 |
| 9 | 1.3588 | 1.6478 | 1.4224 | 1.6647 | 1.5204 | 1.7754 | 1.7607 | 0.8632 |
| | 1.9772 | 1.6551 | 1.8840 | 1.5890 | 1.7015 | 1.4275 | 1.4433 | 2.6581 |
| 10 | 1.4099 | 1.4188 | 1.6436 | 1.6018 | 1.7382 | 1.7313 | 1.7793 | 0.8201 |
| | 1.9201 | 1.8958 | 1.6320 | 1.6669 | 1.5069 | 1.5000 | 1.4503 | 2.8331 |
| 11 | 1.3764 | 1.6604 | 1.5965 | 1.6902 | 1.6377 | 1.7125 | 1.7255 | 0.7655 |
| | 1.8859 | 1.5932 | 1.6727 | 1.5636 | 1.6045 | 1.5564 | 1.5433 | 3.1130 |
| 12 | 1.6445 | 1.5191 | 1.7363 | 1.6366 | 1.6201 | 1.6533 | 1.0015 | |
| | 1.5530 | 1.7023 | 1.5086 | 1.6050 | 1.6004 | 1.5702 | 2.3871 | |
| 13 | 1.5928 | 1.7745 | 1.7299 | 1.7107 | 1.6520 | 1.0676 | 0.5549 | |
| | 1.5868 | 1.4283 | 1.5013 | 1.5579 | 1.5714 | 2.3975 | 4.2745 | |
| 14 | 1.7262 | 1.7596 | 1.7779 | 1.7236 | 1.0008 | 0.5410 | | |
| | 1.4618 | 1.4441 | 1.4515 | 1.5450 | 2.3884 | 4.3469 | | |
| 15 | 0.8282 | 0.8629 | 0.8193 | 0.7645 | F-SUB-Q | | | |
| | 2.7467 | 2.6588 | 2.8361 | 3.1165 | 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 | 1.4084 | 1.3835 | 1.4289 | 1.3835 | 1.6632 | 1.6079 | 1.7491 | 0.8280 |
| | 2.0295 | 2.0722 | 2.0083 | 1.9958 | 1.6301 | 1.6666 | 1.5287 | 2.9085 |
| 9 | 1.3835 | 1.6721 | 1.4355 | 1.6867 | 1.5328 | 1.7967 | 1.7887 | 0.8621 |
| | 2.0722 | 1.7155 | 1.9949 | 1.6718 | 1.7965 | 1.4962 | 1.5098 | 2.8180 |
| 10 | 1.4289 | 1.4317 | 1.6619 | 1.6221 | 1.7644 | 1.7565 | 1.8098 | 0.8234 |
| | 2.0083 | 2.0024 | 1.7171 | 1.7550 | 1.5820 | 1.5743 | 1.5169 | 2.9994 |
| 11 | 1.3835 | 1.6822 | 1.6166 | 1.7319 | 1.6823 | 1.7540 | 1.7651 | 0.7694 |
| | 1.9958 | 1.6764 | 1.7610 | 1.6195 | 1.6668 | 1.6079 | 1.5893 | 3.3035 |
| 12 | 1.6632 | 1.5314 | 1.7624 | 1.6818 | 1.6734 | 1.7109 | 1.0192 | |
| | 1.6301 | 1.7974 | 1.5839 | 1.6673 | 1.6643 | 1.6245 | 2.4950 | |
| 13 | 1.6079 | 1.7956 | 1.7547 | 1.7522 | 1.7095 | 1.1006 | 0.5676 | |
| | 1.6666 | 1.4972 | 1.5759 | 1.6096 | 1.6257 | 2.5031 | 4.4725 | |
| 14 | 1.7491 | 1.7872 | 1.8082 | 1.7630 | 1.0186 | 0.5527 | | |
| | 1.5287 | 1.5107 | 1.5182 | 1.5912 | 2.4964 | 4.5539 | | |
| 15 | 0.8280 | 0.8619 | 0.8225 | 0.7684 | F-SUB-Q | | | |
| | 2.9084 | 2.8188 | 3.0027 | 3.3074 | 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 | 1.4020 | 1.3753 | 1.4119 | 1.3685 | 1.6428 | 1.5966 | 1.7317 | 0.8298 |
| | 2.1633 | 2.2038 | 2.1376 | 2.1568 | 1.7619 | 1.7908 | 1.6464 | 3.0920 |
| 9 | 1.3753 | 1.6538 | 1.4227 | 1.6698 | 1.5203 | 1.7848 | 1.7754 | 0.8666 |
| | 2.2038 | 1.8242 | 2.1210 | 1.7944 | 1.9383 | 1.6075 | 1.6248 | 2.9867 |
| 10 | 1.4119 | 1.4189 | 1.6485 | 1.6119 | 1.7570 | 1.7481 | 1.7972 | 0.8282 |
| | 2.1376 | 2.1267 | 1.8221 | 1.8590 | 1.6918 | 1.6923 | 1.6329 | 3.1847 |
| 11 | 1.3685 | 1.6652 | 1.6063 | 1.7300 | 1.6837 | 1.7474 | 1.7602 | 0.7775 |
| | 2.1568 | 1.7993 | 1.8655 | 1.7225 | 1.7694 | 1.6964 | 1.6756 | 3.4452 |
| 12 | 1.6428 | 1.5188 | 1.7549 | 1.6832 | 1.6781 | 1.7133 | 1.0385 | |
| | 1.7619 | 1.9392 | 1.6937 | 1.7699 | 1.7725 | 1.7302 | 2.5933 | |
| 13 | 1.5966 | 1.7835 | 1.7461 | 1.7454 | 1.7120 | 1.1180 | 0.5791 | |
| | 1.7908 | 1.6086 | 1.6942 | 1.6984 | 1.7316 | 2.6380 | 4.6836 | |
| 14 | 1.7317 | 1.7737 | 1.7954 | 1.7580 | 1.0376 | 0.5641 | | |
| | 1.6464 | 1.6259 | 1.6345 | 1.6776 | 2.5952 | 4.7674 | | |
| 15 | 0.8298 | 0.8664 | 0.8272 | 0.7764 | F-SUB-Q | | | |
| | 3.0920 | 2.9876 | 3.1881 | 3.4496 | 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 | 1.4162 | 1.3871 | 1.4316 | 1.3777 | 1.6703 | 1.6162 | 1.7643 | 0.8239 |
| | 2.2627 | 2.3089 | 2.2287 | 2.2946 | 1.8556 | 1.8939 | 1.7288 | 3.3266 |
| 9 | 1.3871 | 1.6789 | 1.4346 | 1.6960 | 1.5337 | 1.8123 | 1.8105 | 0.8596 |
| | 2.3089 | 1.8997 | 2.2250 | 1.8683 | 2.0590 | 1.6949 | 1.7069 | 3.2172 |
| 10 | 1.4316 | 1.4306 | 1.6672 | 1.6320 | 1.7928 | 1.7753 | 1.8341 | 0.8241 |
| | 2.2287 | 2.2312 | 1.9058 | 1.9422 | 1.7522 | 1.7632 | 1.7023 | 3.4223 |
| 11 | 1.3777 | 1.6912 | 1.6261 | 1.7671 | 1.7121 | 1.7861 | 1.7981 | 0.7730 |
| | 2.2946 | 1.8735 | 1.9492 | 1.7802 | 1.8376 | 1.7542 | 1.7338 | 3.6617 |
| 12 | 1.6703 | 1.5322 | 1.7906 | 1.7115 | 1.7084 | 1.7529 | 1.0346 | |
| | 1.8556 | 2.0604 | 1.7543 | 1.8381 | 1.8377 | 1.7849 | 2.7483 | |
| 13 | 1.6162 | 1.8109 | 1.7730 | 1.7840 | 1.7514 | 1.1244 | 0.5768 | |
| | 1.8939 | 1.6962 | 1.7654 | 1.7563 | 1.7863 | 2.7744 | 4.9566 | |
| 14 | 1.7643 | 1.8087 | 1.8321 | 1.7957 | 1.0337 | 0.5608 | | |
| | 1.7288 | 1.7081 | 1.7041 | 1.7361 | 2.7500 | 5.0549 | | |
| 15 | 0.8239 | 0.8593 | 0.8230 | 0.7718 | F-SUB-Q | | | |
| | 3.3266 | 3.2182 | 3.4265 | 3.6666 | 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 | 1.4106 | 1.3805 | 1.4268 | 1.3708 | 1.6696 | 1.6160 | 1.7673 | 0.8199 |
| | 2.3700 | 2.4139 | 2.3233 | 2.4100 | 1.9779 | 2.0297 | 1.8483 | 3.5750 |
| 9 | 1.3805 | 1.6748 | 1.4282 | 1.6943 | 1.5290 | 1.8152 | 1.8154 | 0.8563 |
| | 2.4139 | 1.9830 | 2.3231 | 1.9564 | 2.1643 | 1.8131 | 1.8236 | 3.4535 |
| 10 | 1.4268 | 1.4242 | 1.6627 | 1.6303 | 1.7972 | 1.7779 | 1.8396 | 0.8216 |
| | 2.3233 | 2.3297 | 1.9983 | 2.0359 | 1.8515 | 1.8653 | 1.8000 | 3.6456 |
| 11 | 1.3708 | 1.6893 | 1.6242 | 1.7717 | 1.7145 | 1.7925 | 1.8056 | 0.7713 |
| | 2.4100 | 1.9622 | 2.0435 | 1.8840 | 1.9476 | 1.8556 | 1.8332 | 3.8880 |
| 12 | 1.6696 | 1.5274 | 1.7948 | 1.7139 | 1.7120 | 1.7601 | 1.0349 | |
| | 1.9779 | 2.1665 | 1.8540 | 1.9482 | 1.9460 | 1.8859 | 2.9144 | |
| 13 | 1.6160 | 1.8136 | 1.7753 | 1.7902 | 1.7586 | 1.1258 | 0.5764 | |
| | 2.0297 | 1.8146 | 1.8679 | 1.8579 | 1.8874 | 2.9374 | 5.2542 | |
| 14 | 1.7673 | 1.8133 | 1.8374 | 1.8030 | 1.0340 | 0.5599 | | |
| | 1.8483 | 1.8256 | 1.8020 | 1.8357 | 2.9162 | 5.3629 | | |
| 15 | 0.8199 | 0.8559 | 0.8204 | 0.7701 | F-SUB-Q | | | |
| | 3.5750 | 3.4547 | 3.6503 | 3.8935 | 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 | 1.3887 | 1.3585 | 1.4009 | 1.3496 | 1.6438 | 1.5986 | 1.7445 | 0.8166 |
| | 2.3634 | 2.4077 | 2.3217 | 2.3998 | 1.9696 | 2.0246 | 1.8559 | 3.5935 |
| 9 | 1.3585 | 1.6457 | 1.4064 | 1.6684 | 1.5086 | 1.7965 | 1.7940 | 0.8546 |
| | 2.4077 | 1.9806 | 2.3148 | 1.9500 | 2.1519 | 1.8054 | 1.8111 | 3.4576 |
| 10 | 1.4009 | 1.4022 | 1.6388 | 1.6097 | 1.7752 | 1.7593 | 1.8179 | 0.8197 |
| | 2.3217 | 2.3215 | 1.9905 | 2.0243 | 1.8423 | 1.8505 | 1.7891 | 3.5976 |
| 11 | 1.3496 | 1.6633 | 1.6035 | 1.7499 | 1.6960 | 1.7713 | 1.7864 | 0.7706 |
| | 2.3998 | 1.9559 | 2.0321 | 1.8804 | 1.9410 | 1.8465 | 1.8288 | 3.8431 |
| 12 | 1.6438 | 1.5069 | 1.7727 | 1.6954 | 1.6944 | 1.7404 | 1.0384 | |
| | 1.9696 | 2.1542 | 1.8449 | 1.9416 | 1.9502 | 1.8927 | 2.8758 | |
| 13 | 1.5986 | 1.7948 | 1.7566 | 1.7688 | 1.7389 | 1.1233 | 0.5773 | |
| | 2.0246 | 1.8071 | 1.8534 | 1.8491 | 1.8945 | 2.9357 | 5.2473 | |
| 14 | 1.7445 | 1.7918 | 1.8156 | 1.7837 | 1.0374 | 0.5608 | | |
| | 1.8559 | 1.8133 | 1.7914 | 1.8316 | 2.8784 | 5.3549 | | |
| 15 | 0.8166 | 0.8543 | 0.8185 | 0.7693 | F-SUB-Q | | | |
| | 3.5935 | 3.4591 | 3.6028 | 3.8493 | 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 | 1.3891 | 1.3573 | 1.4080 | 1.3489 | 1.6596 | 1.6081 | 1.7658 | 0.8058 |
| | 2.2965 | 2.3349 | 2.2313 | 2.3227 | 1.8930 | 1.9481 | 1.7754 | 3.4964 |
| 9 | 1.3573 | 1.6563 | 1.4066 | 1.6809 | 1.5104 | 1.8122 | 1.8163 | 0.8422 |
| | 2.3349 | 1.9089 | 2.2443 | 1.8825 | 2.0891 | 1.7408 | 1.7421 | 3.3730 |
| 10 | 1.4080 | 1.4023 | 1.6434 | 1.6164 | 1.7943 | 1.7732 | 1.8414 | 0.8099 |
| | 2.2313 | 2.2508 | 1.9333 | 1.9634 | 1.7835 | 1.7910 | 1.7216 | 3.5233 |
| 11 | 1.3489 | 1.6756 | 1.6100 | 1.7681 | 1.7060 | 1.7938 | 1.8081 | 0.7597 |
| | 2.3227 | 1.8882 | 1.9712 | 1.8251 | 1.8928 | 1.7853 | 1.7675 | 3.7762 |
| 12 | 1.6596 | 1.5087 | 1.7917 | 1.7055 | 1.7058 | 1.7601 | 1.0239 | |
| | 1.8930 | 2.0914 | 1.7860 | 1.8934 | 1.9018 | 1.8354 | 2.8432 | |
| 13 | 1.6081 | 1.8104 | 1.7702 | 1.7911 | 1.7585 | 1.1159 | 0.5681 | |
| | 1.9481 | 1.7425 | 1.7940 | 1.7879 | 1.8371 | 2.8832 | 5.1379 | |
| 14 | 1.7658 | 1.8139 | 1.8388 | 1.8052 | 1.0230 | 0.5509 | | |
| | 1.7754 | 1.7443 | 1.7239 | 1.7703 | 2.8453 | 5.2528 | | |
| 15 | 0.8058 | 0.8418 | 0.8086 | 0.7584 | F-SUB-Q | | | |
| | 3.4964 | 3.3745 | 3.5287 | 3.7825 | 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 | 1.3781 | 1.3456 | 1.3992 | 1.3380 | 1.6553 | 1.6041 | 1.7659 | 0.7970 |
| | 2.1155 | 2.1535 | 2.0580 | 2.1535 | 1.7546 | 1.8116 | 1.6468 | 3.2626 |
| 9 | 1.3456 | 1.6476 | 1.3957 | 1.6744 | 1.5005 | 1.8107 | 1.8173 | 0.8332 |
| | 2.1535 | 1.7580 | 2.0728 | 1.7392 | 1.9424 | 1.6176 | 1.6144 | 3.1458 |
| 10 | 1.3992 | 1.3913 | 1.6333 | 1.6089 | 1.7924 | 1.7704 | 1.8429 | 0.8022 |
| | 2.0580 | 2.0789 | 1.7889 | 1.8158 | 1.6453 | 1.6631 | 1.5940 | 3.2714 |
| 11 | 1.3380 | 1.6689 | 1.6022 | 1.7653 | 1.7003 | 1.7946 | 1.8094 | 0.7510 |
| | 2.1535 | 1.7445 | 1.8229 | 1.6827 | 1.7497 | 1.6462 | 1.6282 | 3.5064 |
| 12 | 1.6553 | 1.4987 | 1.7897 | 1.6998 | 1.7010 | 1.7592 | 1.0148 | |
| | 1.7546 | 1.9445 | 1.6477 | 1.7501 | 1.7602 | 1.6906 | 2.6302 | |
| 13 | 1.6041 | 1.8087 | 1.7671 | 1.7918 | 1.7575 | 1.1070 | 0.5617 | |
| | 1.8116 | 1.6193 | 1.6659 | 1.6487 | 1.6922 | 2.6678 | 4.7748 | |
| 14 | 1.7659 | 1.8148 | 1.8402 | 1.8064 | 1.0138 | 0.5441 | | |
| | 1.6468 | 1.6165 | 1.5961 | 1.6308 | 2.6321 | 4.8869 | | |
| 15 | 0.7970 | 0.8328 | 0.8008 | 0.7496 | F-SUB-Q | | | |
| | 3.2626 | 3.1473 | 3.2765 | 3.5126 | 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 | 1.3625 | 1.3297 | 1.3840 | 1.3228 | 1.6418 | 1.5927 | 1.7550 | 0.7905 |
| | 1.9737 | 2.0111 | 1.9233 | 2.0119 | 1.6308 | 1.6833 | 1.5291 | 3.0402 |
| 9 | 1.3297 | 1.6309 | 1.3801 | 1.6596 | 1.4856 | 1.8001 | 1.8068 | 0.8275 |
| | 2.0111 | 1.6408 | 1.9371 | 1.6229 | 1.8143 | 1.4996 | 1.4996 | 2.9263 |
| 10 | 1.3840 | 1.3757 | 1.6172 | 1.5951 | 1.7802 | 1.7587 | 1.8325 | 0.7963 |
| | 1.9233 | 1.9430 | 1.6696 | 1.6930 | 1.5302 | 1.5478 | 1.4825 | 3.0484 |
| 11 | 1.3228 | 1.6541 | 1.5883 | 1.7528 | 1.6872 | 1.7836 | 1.7991 | 0.7470 |
| | 2.0119 | 1.6280 | 1.6998 | 1.5639 | 1.6267 | 1.5293 | 1.5121 | 3.2617 |
| 12 | 1.6418 | 1.4838 | 1.7774 | 1.6867 | 1.6883 | 1.7479 | 1.0094 | |
| | 1.6308 | 1.8164 | 1.5325 | 1.6272 | 1.6355 | 1.5690 | 2.4406 | |
| 13 | 1.5927 | 1.7980 | 1.7552 | 1.7807 | 1.7461 | 1.1006 | 0.5576 | |
| | 1.6833 | 1.5012 | 1.5507 | 1.5317 | 1.5705 | 2.4747 | 4.4396 | |
| 14 | 1.7550 | 1.8041 | 1.8296 | 1.7959 | 1.0084 | 0.5400 | | |
| | 1.5291 | 1.5014 | 1.4847 | 1.5147 | 2.4426 | 4.5452 | | |
| 15 | 0.7905 | 0.8271 | 0.7949 | 0.7455 | F-SUB-Q | | | |
| | 3.0402 | 2.9278 | 3.0535 | 3.2677 | 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 | 1.3408 | 1.3082 | 1.3589 | 1.3021 | 1.6149 | 1.5729 | 1.7294 | 0.7865 |
| | 2.0129 | 2.0524 | 1.9678 | 2.0477 | 1.6631 | 1.7105 | 1.5573 | 3.0722 |
| 9 | 1.3082 | 1.6020 | 1.3584 | 1.6325 | 1.4641 | 1.7782 | 1.7815 | 0.8252 |
| | 2.0524 | 1.6776 | 1.9753 | 1.6550 | 1.8425 | 1.5219 | 1.5235 | 2.9493 |
| 10 | 1.3589 | 1.3540 | 1.5924 | 1.5727 | 1.7536 | 1.7363 | 1.8067 | 0.7928 |
| | 1.9678 | 1.9814 | 1.7027 | 1.7235 | 1.5615 | 1.5699 | 1.5052 | 3.0664 |
| 11 | 1.3021 | 1.6269 | 1.5659 | 1.7261 | 1.6642 | 1.7578 | 1.7747 | 0.7446 |
| | 2.0477 | 1.6604 | 1.7307 | 1.5946 | 1.6555 | 1.5590 | 1.5398 | 3.2854 |
| 12 | 1.6149 | 1.4622 | 1.7508 | 1.6637 | 1.6654 | 1.7225 | 1.0092 | |
| | 1.6631 | 1.8447 | 1.5639 | 1.6560 | 1.6632 | 1.5974 | 2.4525 | |
| 13 | 1.5729 | 1.7761 | 1.7328 | 1.7548 | 1.7207 | 1.0942 | 0.5562 | |
| | 1.7105 | 1.5236 | 1.5730 | 1.5615 | 1.5990 | 2.4977 | 4.4740 | |
| 14 | 1.7294 | 1.7788 | 1.8037 | 1.7715 | 1.0080 | 0.5389 | | |
| | 1.5573 | 1.5256 | 1.5075 | 1.5425 | 2.4549 | 4.5783 | | |
| 15 | 0.7865 | 0.8247 | 0.7914 | 0.7430 | F-SUB-Q | | | |
| | 3.0722 | 2.9509 | 3.0716 | 3.2917 | 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 | 1.3448 | 1.3108 | 1.3703 | 1.3045 | 1.6335 | 1.5828 | 1.7517 | 0.7752 |
| | 1.8640 | 1.9076 | 1.8204 | 1.9129 | 1.5399 | 1.5922 | 1.4403 | 2.9247 |
| 9 | 1.3108 | 1.6174 | 1.3622 | 1.6481 | 1.4677 | 1.7946 | 1.8041 | 0.8117 |
| | 1.9076 | 1.5496 | 1.8375 | 1.5316 | 1.7187 | 1.4115 | 1.4065 | 2.8129 |
| 10 | 1.3703 | 1.3576 | 1.6003 | 1.5817 | 1.7729 | 1.7498 | 1.8301 | 0.7818 |
| | 1.8204 | 1.8434 | 1.5805 | 1.5993 | 1.4406 | 1.4547 | 1.3882 | 2.9098 |
| 11 | 1.3045 | 1.6424 | 1.5747 | 1.7445 | 1.6741 | 1.7799 | 1.7949 | 0.7312 |
| | 1.9129 | 1.5367 | 1.6061 | 1.4738 | 1.5368 | 1.4353 | 1.4192 | 3.1235 |
| 12 | 1.6335 | 1.4658 | 1.7700 | 1.6736 | 1.6758 | 1.7408 | 0.9914 | |
| | 1.5399 | 1.7207 | 1.4429 | 1.5373 | 1.5399 | 1.4759 | 2.3327 | |
| 13 | 1.5828 | 1.7924 | 1.7460 | 1.7768 | 1.7390 | 1.0833 | 0.5456 | |
| | 1.5922 | 1.4131 | 1.4577 | 1.4377 | 1.4774 | 2.3567 | 4.2676 | |
| 14 | 1.7518 | 1.8012 | 1.8270 | 1.7916 | 0.9904 | 0.5275 | | |
| | 1.4403 | 1.4087 | 1.3904 | 1.4218 | 2.3345 | 4.3762 | | |
| 15 | 0.7752 | 0.8112 | 0.7803 | 0.7296 | F-SUB-Q | | | |
| | 2.9247 | 2.8144 | 2.9149 | 3.1296 | 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 | 1.3381 | 1.3034 | 1.3636 | 1.2972 | 1.6277 | 1.5773 | 1.7463 | 0.7689 |
| | 1.7580 | 1.8042 | 1.7255 | 1.8179 | 1.4605 | 1.5101 | 1.3654 | 2.7913 |
| 9 | 1.3034 | 1.6107 | 1.3556 | 1.6415 | 1.4604 | 1.7905 | 1.7986 | 0.8054 |
| | 1.8042 | 1.4665 | 1.7414 | 1.4512 | 1.6310 | 1.3361 | 1.3315 | 2.6831 |
| 10 | 1.3636 | 1.3510 | 1.5942 | 1.5759 | 1.7660 | 1.7441 | 1.8244 | 0.7755 |
| | 1.7255 | 1.7471 | 1.4957 | 1.5135 | 1.3613 | 1.3763 | 1.3134 | 2.7716 |
| 11 | 1.2972 | 1.6357 | 1.5688 | 1.7379 | 1.6672 | 1.7735 | 1.7871 | 0.7248 |
| | 1.8179 | 1.4561 | 1.5201 | 1.3889 | 1.4484 | 1.3552 | 1.3412 | 2.9730 |
| 12 | 1.6277 | 1.4585 | 1.7629 | 1.6667 | 1.6688 | 1.7330 | 0.9836 | |
| | 1.4605 | 1.6330 | 1.3635 | 1.4488 | 1.4489 | 1.3909 | 2.2097 | |
| 13 | 1.5773 | 1.7882 | 1.7402 | 1.7703 | 1.7311 | 1.0753 | 0.5406 | |
| | 1.5101 | 1.3377 | 1.3792 | 1.3575 | 1.3923 | 2.2278 | 4.0464 | |
| 14 | 1.7463 | 1.7957 | 1.8212 | 1.7837 | 0.9826 | 0.5225 | | |
| | 1.3654 | 1.3336 | 1.3156 | 1.3437 | 2.2115 | 4.1510 | | |
| 15 | 0.7689 | 0.8049 | 0.7741 | 0.7232 | F-SUB-Q | | | |
| | 2.7913 | 2.6847 | 2.7766 | 2.9790 | 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 | 1.3178 | 1.2836 | 1.3345 | 1.2789 | 1.5917 | 1.5528 | 1.7057 | 0.7684 |
| | 1.6979 | 1.7434 | 1.6801 | 1.7588 | 1.4243 | 1.4627 | 1.3328 | 2.6682 |
| 9 | 1.2836 | 1.5764 | 1.3364 | 1.6073 | 1.4401 | 1.7601 | 1.7574 | 0.8067 |
| | 1.7434 | 1.4271 | 1.6829 | 1.4123 | 1.5765 | 1.2949 | 1.2978 | 2.5582 |
| 10 | 1.3345 | 1.3319 | 1.5714 | 1.5522 | 1.7260 | 1.7147 | 1.7818 | 0.7743 |
| | 1.6801 | 1.6884 | 1.4450 | 1.4634 | 1.3249 | 1.3325 | 1.2802 | 2.6481 |
| 11 | 1.2789 | 1.6016 | 1.5452 | 1.6999 | 1.6401 | 1.7308 | 1.7436 | 0.7257 |
| | 1.7588 | 1.4171 | 1.4698 | 1.3489 | 1.3985 | 1.3200 | 1.3069 | 2.8302 |
| 12 | 1.5917 | 1.4383 | 1.7230 | 1.6396 | 1.6407 | 1.6921 | 0.9860 | |
| | 1.4243 | 1.5784 | 1.3270 | 1.3988 | 1.3987 | 1.3521 | 2.0955 | |
| 13 | 1.5528 | 1.7579 | 1.7109 | 1.7277 | 1.6903 | 1.0689 | 0.5418 | |
| | 1.4627 | 1.2965 | 1.3353 | 1.3223 | 1.3535 | 2.1273 | 3.8392 | |
| 14 | 1.7057 | 1.7545 | 1.7786 | 1.7402 | 0.9847 | 0.5244 | | |
| | 1.3328 | 1.2999 | 1.2824 | 1.3093 | 2.0978 | 3.9322 | | |
| 15 | 0.7684 | 0.8062 | 0.7728 | 0.7241 | F-SUB-Q | | | |
| | 2.6682 | 2.5596 | 2.6528 | 2.8359 | 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 | 1.3202 | 1.2867 | 1.3425 | 1.2894 | 1.5956 | 1.5552 | 1.7053 | 0.7605 |
| | 1.6292 | 1.6722 | 1.6065 | 1.6783 | 1.3666 | 1.4042 | 1.2818 | 2.5963 |
| 9 | 1.2867 | 1.5813 | 1.3425 | 1.6132 | 1.4456 | 1.7620 | 1.7550 | 0.7964 |
| | 1.6722 | 1.3678 | 1.6110 | 1.3528 | 1.5102 | 1.2429 | 1.2486 | 2.4958 |
| 10 | 1.3425 | 1.3380 | 1.5789 | 1.5601 | 1.7256 | 1.7173 | 1.7797 | 0.7643 |
| | 1.6065 | 1.6162 | 1.3822 | 1.3991 | 1.2724 | 1.2777 | 1.2310 | 2.5818 |
| 11 | 1.2894 | 1.6077 | 1.5532 | 1.6998 | 1.6435 | 1.7298 | 1.7367 | 0.7135 |
| | 1.6783 | 1.3573 | 1.4052 | 1.2947 | 1.3389 | 1.2675 | 1.2593 | 2.7693 |
| 12 | 1.5956 | 1.4437 | 1.7227 | 1.6430 | 1.6429 | 1.6876 | 0.9679 | |
| | 1.3666 | 1.5120 | 1.2745 | 1.3393 | 1.3398 | 1.3004 | 2.0499 | |
| 13 | 1.5552 | 1.7597 | 1.7135 | 1.7267 | 1.6858 | 1.0531 | 0.5326 | |
| | 1.4042 | 1.2444 | 1.2804 | 1.2697 | 1.3017 | 2.0725 | 3.7534 | |
| 14 | 1.7053 | 1.7522 | 1.7765 | 1.7333 | 0.9667 | 0.5149 | | |
| | 1.2818 | 1.2505 | 1.2331 | 1.2616 | 2.0521 | 3.8494 | | |
| 15 | 0.7605 | 0.7959 | 0.7629 | 0.7119 | F-SUB-Q | | | |
| | 2.5963 | 2.4972 | 2.5864 | 2.7749 | 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 | 1.2689 | 1.2511 | 1.3295 | 1.2867 | 1.5399 | 1.5081 | 1.6474 | 0.7584 |
| | 1.6445 | 1.6682 | 1.4199 | 1.6309 | 1.3105 | 1.4037 | 1.2856 | 2.5280 |
| 9 | 1.2511 | 1.5338 | 1.3072 | 1.5809 | 1.4108 | 1.6967 | 1.6895 | 0.7923 |
| | 1.6682 | 1.3672 | 1.6040 | 1.3378 | 1.5002 | 1.2499 | 1.2563 | 2.4358 |
| 10 | 1.3295 | 1.3038 | 1.5246 | 1.5338 | 1.6732 | 1.6580 | 1.7122 | 0.7554 |
| | 1.4199 | 1.6080 | 1.3876 | 1.3789 | 1.2706 | 1.2815 | 1.2391 | 2.5362 |
| 11 | 1.2867 | 1.5756 | 1.5273 | 1.6376 | 1.5947 | 1.6714 | 1.6809 | 0.6989 |
| | 1.6309 | 1.3421 | 1.3847 | 1.3011 | 1.3357 | 1.2513 | 1.2591 | 2.7448 |
| 12 | 1.5399 | 1.4091 | 1.6704 | 1.5942 | 1.5811 | 1.6303 | 0.9611 | |
| | 1.3105 | 1.5020 | 1.2727 | 1.3360 | 1.3476 | 1.3028 | 2.0010 | |
| 13 | 1.5081 | 1.6947 | 1.6544 | 1.6686 | 1.6286 | 1.0244 | 0.5224 | |
| | 1.4037 | 1.2514 | 1.2842 | 1.2532 | 1.3042 | 2.0646 | 3.7160 | |
| 14 | 1.6474 | 1.6868 | 1.7093 | 1.6777 | 0.9597 | 0.5047 | | |
| | 1.2856 | 1.2582 | 1.2412 | 1.2614 | 2.0036 | 3.8134 | | |
| 15 | 0.7584 | 0.7919 | 0.7540 | 0.6974 | F-SUB-Q | | | |
| | 2.5280 | 2.4371 | 2.5406 | 2.7503 | 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 | 1.0669 | 1.1118 | 1.4378 | 1.1676 | 1.5695 | 1.2898 | 1.5960 | 0.7016 |
| | 1.9108 | 1.8342 | 1.4199 | 1.7556 | 1.3105 | 1.6013 | 1.2924 | 2.6738 |
| 9 | 1.1118 | 1.4598 | 1.1343 | 1.5023 | 1.2370 | 1.4649 | 1.6281 | 0.7311 |
| | 1.8342 | 1.4011 | 1.8049 | 1.3705 | 1.6658 | 1.4113 | 1.2686 | 2.5824 |
| 10 | 1.4378 | 1.1302 | 1.2961 | 1.3704 | 1.5803 | 1.4147 | 1.6099 | 0.6767 |
| | 1.4199 | 1.8076 | 1.5925 | 1.5056 | 1.3103 | 1.4647 | 1.2834 | 2.7696 |
| 11 | 1.1676 | 1.4949 | 1.3648 | 1.5664 | 1.4089 | 1.6523 | 1.5196 | 0.6212 |
| | 1.7556 | 1.3770 | 1.5116 | 1.3228 | 1.4722 | 1.2513 | 1.3580 | 3.0214 |
| 12 | 1.5695 | 1.2348 | 1.5774 | 1.4077 | 1.3116 | 1.5328 | 0.8910 | |
| | 1.3105 | 1.6686 | 1.3126 | 1.4735 | 1.5837 | 1.3489 | 2.1089 | |
| 13 | 1.2898 | 1.4631 | 1.4117 | 1.6497 | 1.5309 | 0.9100 | 0.4644 | |
| | 1.6013 | 1.4130 | 1.4677 | 1.2532 | 1.3505 | 2.2704 | 4.0931 | |
| 14 | 1.5960 | 1.6259 | 1.6072 | 1.5168 | 0.8889 | 0.4492 | | |
| | 1.2924 | 1.2703 | 1.2855 | 1.3605 | 2.1137 | 4.1953 | | |
| 15 | 0.7016 | 0.7305 | 0.6755 | 0.6199 | F-SUB-Q | | | |
| | 2.6738 | 2.5846 | 2.7744 | 3.0273 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.4678 | 0.5024 | 0.6000 | 0.5328 | 0.6399 | 0.5472 | 0.5987 | 0.3089 |
| | 4.2698 | 3.9774 | 3.3294 | 3.7688 | 3.1416 | 3.6872 | 3.3714 | 5.9593 |
| 9 | 0.5024 | 0.5856 | 0.5154 | 0.6286 | 0.5614 | 0.5833 | 0.6058 | 0.3180 |
| | 3.9774 | 3.4126 | 3.8895 | 3.2023 | 3.5930 | 3.4658 | 3.3334 | 5.8248 |
| 10 | 0.6000 | 0.5141 | 0.5338 | 0.5920 | 0.6575 | 0.5803 | 0.5975 | 0.2989 |
| | 3.3294 | 3.8993 | 3.7784 | 3.4083 | 3.0729 | 3.4877 | 3.3830 | 6.1536 |
| 11 | 0.5328 | 0.6266 | 0.5898 | 0.6528 | 0.5882 | 0.6514 | 0.5612 | 0.2672 |
| | 3.7688 | 3.2126 | 3.4206 | 3.0977 | 3.4428 | 3.1057 | 3.6005 | 6.8955 |
| 12 | 0.6399 | 0.5603 | 0.6562 | 0.5875 | 0.5268 | 0.5741 | 0.3889 | |
| | 3.1416 | 3.5997 | 3.0788 | 3.4468 | 3.8513 | 3.5245 | 4.7360 | |
| 13 | 0.5472 | 0.5826 | 0.5791 | 0.6503 | 0.5734 | 0.4049 | 0.2042 | |
| | 3.6872 | 3.4697 | 3.4946 | 3.1105 | 3.5287 | 4.9983 | 9.1467 | |
| 14 | 0.5987 | 0.6053 | 0.5965 | 0.5602 | 0.3879 | 0.2008 | | |
| | 3.3714 | 3.3363 | 3.3885 | 3.6071 | 4.7475 | 9.2227 | | |
| 15 | 0.3089 | 0.3178 | 0.2984 | 0.2666 | F-SUB-Q | | | |
| | 5.9593 | 5.8278 | 6.1623 | 6.9087 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3187 | 0.4027 | 0.5031 | 0.4602 | 0.5347 | 0.4553 | 0.4824 | 0.2669 |
| | 5.0637 | 4.9631 | 3.9396 | 4.2794 | 3.6806 | 4.3399 | 4.1496 | 6.7632 |
| 9 | 0.4027 | 0.4695 | 0.4379 | 0.5231 | 0.4703 | 0.4659 | 0.4831 | 0.2742 |
| | 4.9631 | 4.2888 | 4.5473 | 3.7802 | 4.1882 | 4.2648 | 4.1408 | 6.6273 |
| 10 | 0.5031 | 0.4372 | 0.4409 | 0.4795 | 0.5196 | 0.4575 | 0.4623 | 0.2509 |
| | 3.9396 | 4.5546 | 4.5954 | 4.1469 | 3.8011 | 4.2999 | 4.2407 | 7.0625 |
| 11 | 0.4602 | 0.5222 | 0.4783 | 0.4966 | 0.4401 | 0.4651 | 0.4191 | 0.2191 |
| | 4.2794 | 3.7845 | 4.1558 | 4.0426 | 4.4809 | 4.1725 | 4.6710 | 8.0496 |
| 12 | 0.5347 | 0.4698 | 0.5189 | 0.4397 | 0.3319 | 0.3622 | 0.2779 | |
| | 3.6806 | 4.1906 | 3.8060 | 4.4835 | 4.9010 | 4.5887 | 6.0077 | |
| 13 | 0.4553 | 0.4658 | 0.4571 | 0.4647 | 0.3618 | 0.2383 | 0.1439 | |
| | 4.3399 | 4.2669 | 4.3035 | 4.1753 | 4.5918 | 6.1947 | *10.6785 | |
| 14 | 0.4824 | 0.4830 | 0.4620 | 0.4188 | 0.2775 | 0.1399 | | |
| | 4.1496 | 4.1426 | 4.2433 | 4.6749 | 6.0153 | *10.8688 | | |
| 15 | 0.2669 | 0.2742 | 0.2507 | 0.2189 | F-SUB-Q | | | |
| | 6.7632 | 6.6285 | 7.0667 | 8.0568 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.6923 | 0.8737 | 1.1594 | 0.9941 | 1.2341 | 1.0283 | 1.2098 | 0.6177 |
| | 2.4358 | 2.3563 | 1.7632 | 2.0459 | 1.6467 | 1.9784 | 1.7015 | 3.0078 |
| 9 | 0.8737 | 1.1128 | 0.9449 | 1.1951 | 1.0169 | 1.1166 | 1.2149 | 0.6345 |
| | 2.3563 | 1.8540 | 2.1677 | 1.7101 | 1.9988 | 1.8249 | 1.6800 | 2.9289 |
| 10 | 1.1594 | 0.9432 | 1.0291 | 1.0671 | 1.1805 | 1.0749 | 1.1706 | 0.5786 |
| | 1.7632 | 2.1714 | 2.0186 | 1.9174 | 1.7280 | 1.8897 | 1.7273 | 3.1512 |
| 11 | 0.9941 | 1.1928 | 1.0646 | 1.1299 | 1.0009 | 1.1110 | 1.0561 | 0.5170 |
| | 2.0459 | 1.7132 | 1.9217 | 1.8055 | 1.9767 | 1.7875 | 1.9102 | 3.5219 |
| 12 | 1.2341 | 1.0164 | 1.1791 | 1.0001 | 0.7616 | 0.9110 | 0.6403 | |
| | 1.6467 | 1.9997 | 1.7300 | 1.9778 | 2.0843 | 1.8600 | 2.6742 | |
| 13 | 1.0283 | 1.1162 | 1.0741 | 1.1102 | 0.9101 | 0.5288 | 0.3334 | |
| | 1.9784 | 1.8256 | 1.8911 | 1.7886 | 1.8612 | 2.8519 | 4.7282 | |
| 14 | 1.2098 | 1.2146 | 1.1700 | 1.0552 | 0.6393 | 0.3239 | | |
| | 1.7015 | 1.6805 | 1.7282 | 1.9118 | 2.6777 | 4.8182 | | |
| 15 | 0.6177 | 0.6345 | 0.5783 | 0.5166 | F-SUB-Q | | | |
| | 3.0078 | 2.9297 | 3.1530 | 3.5248 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8427 | 1.0227 | 1.1945 | 1.1687 | 1.3265 | 1.2460 | 1.3406 | 0.7294 |
| | 2.0655 | 2.0457 | 1.7551 | 1.7857 | 1.5693 | 1.6695 | 1.5496 | 2.5689 |
| 9 | 1.0227 | 1.2522 | 1.1214 | 1.3210 | 1.2092 | 1.3555 | 1.3550 | 0.7519 |
| | 2.0457 | 1.6856 | 1.8742 | 1.5853 | 1.7222 | 1.5334 | 1.5322 | 2.5068 |
| 10 | 1.1945 | 1.1168 | 1.2477 | 1.2558 | 1.3271 | 1.3060 | 1.3291 | 0.6953 |
| | 1.7551 | 1.8818 | 1.6890 | 1.6691 | 1.5727 | 1.5944 | 1.5609 | 2.6824 |
| 11 | 1.1687 | 1.3187 | 1.2526 | 1.2732 | 1.1851 | 1.2407 | 1.2548 | 0.6286 |
| | 1.7857 | 1.5863 | 1.6735 | 1.6552 | 1.7005 | 1.6393 | 1.6544 | 2.9754 |
| 12 | 1.3265 | 1.2088 | 1.3260 | 1.1841 | 0.9306 | 1.0560 | 0.7605 | |
| | 1.5693 | 1.7228 | 1.5739 | 1.7015 | 1.7154 | 1.6698 | 2.3111 | |
| 13 | 1.2460 | 1.3550 | 1.3053 | 1.2398 | 1.0550 | 0.6438 | 0.4028 | |
| | 1.6695 | 1.5340 | 1.5952 | 1.6404 | 1.6707 | 2.4100 | 4.0293 | |
| 14 | 1.3406 | 1.3545 | 1.3284 | 1.2538 | 0.7592 | 0.3942 | | |
| | 1.5496 | 1.5327 | 1.5617 | 1.6557 | 2.3144 | 4.0760 | | |
| 15 | 0.7294 | 0.7518 | 0.6949 | 0.6280 | F-SUB-Q | | | |
| | 2.5689 | 2.5072 | 2.6840 | 2.9778 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9298 | 1.1162 | 1.3193 | 1.2714 | 1.4864 | 1.3792 | 1.5178 | 0.7823 |
| | 1.9322 | 1.9304 | 1.6415 | 1.6931 | 1.4415 | 1.5494 | 1.4036 | 2.4547 |
| 9 | 1.1162 | 1.4025 | 1.2286 | 1.4717 | 1.3282 | 1.5214 | 1.5368 | 0.8085 |
| | 1.9304 | 1.5548 | 1.7651 | 1.4692 | 1.6151 | 1.4036 | 1.3875 | 2.3915 |
| 10 | 1.3193 | 1.2227 | 1.3816 | 1.3814 | 1.4943 | 1.4614 | 1.5133 | 0.7485 |
| | 1.6415 | 1.7732 | 1.5725 | 1.5669 | 1.4411 | 1.4653 | 1.4124 | 2.5658 |
| 11 | 1.2714 | 1.4689 | 1.3778 | 1.4265 | 1.3154 | 1.4171 | 1.4325 | 0.6827 |
| | 1.6931 | 1.4721 | 1.5712 | 1.5259 | 1.5759 | 1.4834 | 1.4966 | 2.8292 |
| 12 | 1.4864 | 1.3277 | 1.4931 | 1.3142 | 1.0338 | 1.2068 | 0.8261 | |
| | 1.4415 | 1.6157 | 1.4423 | 1.5764 | 1.5832 | 1.5182 | 2.2098 | |
| 13 | 1.3792 | 1.5208 | 1.4607 | 1.4159 | 1.2056 | 0.7192 | 0.4373 | |
| | 1.5494 | 1.4041 | 1.4661 | 1.4846 | 1.5191 | 2.2567 | 3.8763 | |
| 14 | 1.5178 | 1.5363 | 1.5125 | 1.4313 | 0.8254 | 0.4279 | | |
| | 1.4036 | 1.3881 | 1.4132 | 1.4979 | 2.2112 | 3.9213 | | |
| 15 | 0.7823 | 0.8083 | 0.7480 | 0.6821 | F-SUB-Q | | | |
| | 2.4547 | 2.3919 | 2.5675 | 2.8316 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9892 | 1.1750 | 1.3964 | 1.3279 | 1.5781 | 1.4503 | 1.6185 | 0.8204 |
| | 1.9247 | 1.9196 | 1.6150 | 1.6805 | 1.4053 | 1.5244 | 1.3629 | 2.4244 |
| 9 | 1.1750 | 1.4870 | 1.2836 | 1.5608 | 1.3892 | 1.6115 | 1.6421 | 0.8514 |
| | 1.9196 | 1.5329 | 1.7603 | 1.4388 | 1.5986 | 1.3723 | 1.3454 | 2.3530 |
| 10 | 1.3964 | 1.2773 | 1.4485 | 1.4560 | 1.5892 | 1.5499 | 1.6224 | 0.7889 |
| | 1.6150 | 1.7689 | 1.5636 | 1.5463 | 1.4046 | 1.4307 | 1.3640 | 2.5223 |
| 11 | 1.3279 | 1.5575 | 1.4519 | 1.5145 | 1.4021 | 1.5298 | 1.5491 | 0.7245 |
| | 1.6805 | 1.4418 | 1.5507 | 1.4915 | 1.5495 | 1.4334 | 1.4384 | 2.7630 |
| 12 | 1.5781 | 1.3887 | 1.5878 | 1.4007 | 1.1128 | 1.3213 | 0.8886 | |
| | 1.4053 | 1.5992 | 1.4059 | 1.5499 | 1.5572 | 1.4709 | 2.1642 | |
| 13 | 1.4503 | 1.6109 | 1.5491 | 1.5286 | 1.3199 | 0.7868 | 0.4703 | |
| | 1.5244 | 1.3729 | 1.4315 | 1.4346 | 1.4719 | 2.2092 | 3.8370 | |
| 14 | 1.6185 | 1.6415 | 1.6215 | 1.5478 | 0.8880 | 0.4601 | | |
| | 1.3629 | 1.3460 | 1.3648 | 1.4397 | 2.1655 | 3.8829 | | |
| 15 | 0.8204 | 0.8513 | 0.7884 | 0.7238 | F-SUB-Q | | | |
| | 2.4244 | 2.3534 | 2.5242 | 2.7655 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0647 | 1.2278 | 1.4494 | 1.3670 | 1.6359 | 1.4999 | 1.6835 | 0.8499 |
| | 1.9533 | 1.9427 | 1.6269 | 1.7013 | 1.4085 | 1.5263 | 1.3566 | 2.4234 |
| 9 | 1.2278 | 1.5477 | 1.3229 | 1.6222 | 1.4298 | 1.6719 | 1.7121 | 0.8837 |
| | 1.9427 | 1.5472 | 1.7843 | 1.4467 | 1.6163 | 1.3709 | 1.3377 | 2.3478 |
| 10 | 1.4494 | 1.3161 | 1.4963 | 1.5118 | 1.6543 | 1.6137 | 1.6983 | 0.8222 |
| | 1.6269 | 1.7934 | 1.5828 | 1.5592 | 1.4100 | 1.4344 | 1.3587 | 2.5167 |
| 11 | 1.3670 | 1.6184 | 1.5074 | 1.5843 | 1.4813 | 1.6261 | 1.6397 | 0.7593 |
| | 1.7013 | 1.4498 | 1.5638 | 1.4954 | 1.5597 | 1.4256 | 1.4320 | 2.7648 |
| 12 | 1.6359 | 1.4292 | 1.6527 | 1.4798 | 1.2127 | 1.4364 | 0.9526 | |
| | 1.4085 | 1.6170 | 1.4114 | 1.5602 | 1.5689 | 1.4692 | 2.1559 | |
| 13 | 1.4999 | 1.6711 | 1.6126 | 1.6246 | 1.4349 | 0.8744 | 0.5082 | |
| | 1.5263 | 1.3716 | 1.4354 | 1.4269 | 1.4702 | 2.2180 | 3.8614 | |
| 14 | 1.6835 | 1.7113 | 1.6972 | 1.6381 | 0.9518 | 0.4969 | | |
| | 1.3566 | 1.3383 | 1.3596 | 1.4334 | 2.1573 | 3.9098 | | |
| 15 | 0.8499 | 0.8836 | 0.8215 | 0.7585 | F-SUB-Q | | | |
| | 2.4234 | 2.3483 | 2.5186 | 2.7674 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1858 | 1.2916 | 1.5072 | 1.4070 | 1.6963 | 1.5499 | 1.7525 | 0.8696 |
| | 1.9834 | 1.9640 | 1.6545 | 1.7403 | 1.4262 | 1.5473 | 1.3639 | 2.4766 |
| 9 | 1.2916 | 1.6180 | 1.3648 | 1.6894 | 1.4736 | 1.7340 | 1.7870 | 0.9054 |
| | 1.9640 | 1.5749 | 1.8287 | 1.4678 | 1.6518 | 1.3857 | 1.3454 | 2.3980 |
| 10 | 1.5072 | 1.3576 | 1.5488 | 1.5717 | 1.7253 | 1.6803 | 1.7790 | 0.8443 |
| | 1.6545 | 1.8385 | 1.6194 | 1.5885 | 1.4281 | 1.4535 | 1.3673 | 2.5775 |
| 11 | 1.4070 | 1.6853 | 1.5668 | 1.6767 | 1.5747 | 1.7405 | 1.7377 | 0.7849 |
| | 1.7403 | 1.4711 | 1.5934 | 1.5012 | 1.5677 | 1.4182 | 1.4394 | 2.8332 |
| 12 | 1.6963 | 1.4723 | 1.7235 | 1.5732 | 1.3572 | 1.5918 | 1.0089 | |
| | 1.4262 | 1.6525 | 1.4296 | 1.5690 | 1.5853 | 1.4728 | 2.1857 | |
| 13 | 1.5499 | 1.7331 | 1.6790 | 1.7388 | 1.5903 | 0.9944 | 0.5448 | |
| | 1.5473 | 1.3865 | 1.4547 | 1.4195 | 1.4739 | 2.2505 | 3.9488 | |
| 14 | 1.7525 | 1.7860 | 1.7777 | 1.7359 | 1.0081 | 0.5319 | | |
| | 1.3639 | 1.3461 | 1.3684 | 1.4408 | 2.1870 | 4.0042 | | |
| 15 | 0.8696 | 0.9052 | 0.8435 | 0.7840 | F-SUB-Q | | | |
| | 2.4766 | 2.3985 | 2.5796 | 2.8361 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2962 | 1.3427 | 1.5474 | 1.4351 | 1.7373 | 1.5860 | 1.8006 | 0.8857 |
| | 2.0431 | 2.0238 | 1.7196 | 1.8136 | 1.4764 | 1.6005 | 1.4039 | 2.5695 |
| 9 | 1.3427 | 1.6709 | 1.3954 | 1.7376 | 1.5073 | 1.7791 | 1.8408 | 0.9231 |
| | 2.0238 | 1.6379 | 1.9090 | 1.5217 | 1.7195 | 1.4305 | 1.3848 | 2.4865 |
| 10 | 1.5474 | 1.3891 | 1.5879 | 1.6170 | 1.8015 | 1.7307 | 1.8407 | 0.8647 |
| | 1.7196 | 1.9195 | 1.6885 | 1.6500 | 1.4780 | 1.5028 | 1.4076 | 2.6745 |
| 11 | 1.4351 | 1.7332 | 1.6119 | 1.7489 | 1.6528 | 1.8328 | 1.8165 | 0.8074 |
| | 1.8136 | 1.5253 | 1.6554 | 1.5266 | 1.5999 | 1.4391 | 1.4602 | 2.9412 |
| 12 | 1.7373 | 1.5059 | 1.7996 | 1.6513 | 1.5836 | 1.7192 | 1.0607 | |
| | 1.4764 | 1.7203 | 1.4796 | 1.6012 | 1.6154 | 1.4921 | 2.2286 | |
| 13 | 1.5860 | 1.7781 | 1.7292 | 1.8310 | 1.7178 | 1.0943 | 0.5787 | |
| | 1.6005 | 1.4313 | 1.5042 | 1.4405 | 1.4932 | 2.2988 | 4.0373 | |
| 14 | 1.8006 | 1.8396 | 1.8392 | 1.8145 | 1.0600 | 0.5644 | | |
| | 1.4039 | 1.3855 | 1.4087 | 1.4617 | 2.2299 | 4.0986 | | |
| 15 | 0.8857 | 0.9229 | 0.8638 | 0.8065 | F-SUB-Q | | | |
| | 2.5695 | 2.4871 | 2.6769 | 2.9445 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3502 | 1.3794 | 1.5833 | 1.4589 | 1.7756 | 1.6176 | 1.8454 | 0.8967 |
| | 2.1370 | 2.0980 | 1.8032 | 1.9087 | 1.5429 | 1.6732 | 1.4601 | 2.7024 |
| 9 | 1.3794 | 1.7163 | 1.4214 | 1.7814 | 1.5365 | 1.8198 | 1.8904 | 0.9334 |
| | 2.0980 | 1.6820 | 2.0117 | 1.5919 | 1.8075 | 1.4922 | 1.4401 | 2.6191 |
| 10 | 1.5833 | 1.4174 | 1.6221 | 1.6562 | 1.8668 | 1.7749 | 1.8975 | 0.8793 |
| | 1.8032 | 2.0231 | 1.7709 | 1.7293 | 1.5198 | 1.5701 | 1.4639 | 2.8145 |
| 11 | 1.4589 | 1.7767 | 1.6508 | 1.8097 | 1.7130 | 1.9095 | 1.8846 | 0.8223 |
| | 1.9087 | 1.5958 | 1.7349 | 1.5748 | 1.6551 | 1.4785 | 1.4908 | 3.1001 |
| 12 | 1.7756 | 1.5350 | 1.8647 | 1.7115 | 1.6679 | 1.8124 | 1.0967 | |
| | 1.5429 | 1.8083 | 1.5214 | 1.6565 | 1.6750 | 1.5361 | 2.3155 | |
| 13 | 1.6176 | 1.8187 | 1.7731 | 1.9075 | 1.8109 | 1.1537 | 0.6023 | |
| | 1.6732 | 1.4931 | 1.5718 | 1.4800 | 1.5373 | 2.3863 | 4.2011 | |
| 14 | 1.8454 | 1.8890 | 1.8957 | 1.8825 | 1.0959 | 0.5867 | | |
| | 1.4601 | 1.4410 | 1.4653 | 1.4925 | 2.3169 | 4.2700 | | |
| 15 | 0.8967 | 0.9332 | 0.8783 | 0.8212 | F-SUB-Q | | | |
| | 2.7024 | 2.6198 | 2.8171 | 3.1038 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3584 | 1.3824 | 1.5772 | 1.4563 | 1.7701 | 1.6195 | 1.8428 | 0.9081 |
| | 2.2597 | 2.2182 | 1.9370 | 2.0553 | 1.6631 | 1.7939 | 1.5687 | 2.8621 |
| 9 | 1.3824 | 1.7127 | 1.4203 | 1.7794 | 1.5370 | 1.8230 | 1.8920 | 0.9480 |
| | 2.2182 | 1.7861 | 2.1519 | 1.7071 | 1.9466 | 1.5996 | 1.5456 | 2.7643 |
| 10 | 1.5772 | 1.4173 | 1.6227 | 1.6601 | 1.8783 | 1.7823 | 1.9038 | 0.8934 |
| | 1.9370 | 2.1597 | 1.8764 | 1.8289 | 1.6004 | 1.6814 | 1.5694 | 2.9658 |
| 11 | 1.4563 | 1.7747 | 1.6546 | 1.8179 | 1.7281 | 1.9265 | 1.9007 | 0.8399 |
| | 2.0553 | 1.7116 | 1.8349 | 1.6636 | 1.7394 | 1.5534 | 1.5670 | 3.2157 |
| 12 | 1.7701 | 1.5355 | 1.8761 | 1.7265 | 1.6928 | 1.8386 | 1.1310 | |
| | 1.6631 | 1.9475 | 1.6022 | 1.7409 | 1.7730 | 1.6239 | 2.3913 | |
| 13 | 1.6195 | 1.8217 | 1.7802 | 1.9244 | 1.8371 | 1.1872 | 0.6225 | |
| | 1.7939 | 1.6007 | 1.6833 | 1.5551 | 1.6254 | 2.5083 | 4.3751 | |
| 14 | 1.8428 | 1.8905 | 1.9018 | 1.8984 | 1.1300 | 0.6066 | | |
| | 1.5687 | 1.5466 | 1.5710 | 1.5689 | 2.3932 | 4.4455 | | |
| 15 | 0.9081 | 0.9477 | 0.8924 | 0.8388 | F-SUB-Q | | | |
| | 2.8621 | 2.7651 | 2.9686 | 3.2197 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3779 | 1.4000 | 1.6067 | 1.4731 | 1.8061 | 1.6461 | 1.8879 | 0.9068 |
| | 2.3711 | 2.3314 | 2.0225 | 2.1915 | 1.7566 | 1.9008 | 1.6488 | 3.0786 |
| 9 | 1.4000 | 1.7473 | 1.4374 | 1.8171 | 1.5575 | 1.8593 | 1.9399 | 0.9464 |
| | 2.3314 | 1.8631 | 2.2638 | 1.7790 | 2.0685 | 1.6896 | 1.6248 | 2.9773 |
| 10 | 1.6067 | 1.4343 | 1.6467 | 1.6889 | 1.9286 | 1.8180 | 1.9556 | 0.8950 |
| | 2.0225 | 2.2716 | 1.9685 | 1.9141 | 1.6599 | 1.7539 | 1.6264 | 3.1998 |
| 11 | 1.4730 | 1.8121 | 1.6831 | 1.8628 | 1.7648 | 1.9840 | 1.9558 | 0.8407 |
| | 2.1915 | 1.7838 | 1.9207 | 1.7236 | 1.8141 | 1.6074 | 1.6224 | 3.4184 |
| 12 | 1.8061 | 1.5559 | 1.9262 | 1.7632 | 1.7327 | 1.8948 | 1.1360 | |
| | 1.7566 | 2.0705 | 1.6618 | 1.8157 | 1.8441 | 1.6773 | 2.5348 | |
| 13 | 1.6461 | 1.8578 | 1.8157 | 1.9817 | 1.8931 | 1.2044 | 0.6250 | |
| | 1.9008 | 1.6908 | 1.7561 | 1.6092 | 1.6791 | 2.6307 | 4.6313 | |
| 14 | 1.8879 | 1.9382 | 1.9533 | 1.9532 | 1.1351 | 0.6079 | | |
| | 1.6488 | 1.6259 | 1.6281 | 1.6244 | 2.5365 | 4.7148 | | |
| 15 | 0.9068 | 0.9461 | 0.8939 | 0.8395 | F-SUB-Q | | | |
| | 3.0786 | 2.9782 | 3.2031 | 3.4228 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3751 | 1.3964 | 1.6054 | 1.4698 | 1.8094 | 1.6499 | 1.8973 | 0.9062 |
| | 2.4495 | 2.4008 | 2.0812 | 2.2685 | 1.8419 | 2.0199 | 1.7566 | 3.3142 |
| 9 | 1.3964 | 1.7472 | 1.4340 | 1.8207 | 1.5564 | 1.8667 | 1.9514 | 0.9470 |
| | 2.4008 | 1.9177 | 2.3333 | 1.8390 | 2.1484 | 1.7888 | 1.7131 | 3.2011 |
| 10 | 1.6054 | 1.4308 | 1.6453 | 1.6913 | 1.9406 | 1.8256 | 1.9694 | 0.8963 |
| | 2.0812 | 2.3394 | 2.0373 | 1.9814 | 1.7326 | 1.8352 | 1.7018 | 3.3811 |
| 11 | 1.4698 | 1.8155 | 1.6853 | 1.8708 | 1.7721 | 2.0006 | 1.9732 | 0.8430 |
| | 2.2685 | 1.8442 | 1.9884 | 1.7971 | 1.9011 | 1.6831 | 1.7039 | 3.6138 |
| 12 | 1.8094 | 1.5547 | 1.9381 | 1.7704 | 1.7418 | 1.9118 | 1.1424 | |
| | 1.8420 | 2.1507 | 1.7348 | 1.9029 | 1.9370 | 1.7650 | 2.6777 | |
| 13 | 1.6499 | 1.8651 | 1.8230 | 1.9981 | 1.9100 | 1.2119 | 0.6278 | |
| | 2.0199 | 1.7904 | 1.8378 | 1.6852 | 1.7667 | 2.7859 | 4.9189 | |
| 14 | 1.8973 | 1.9496 | 1.9670 | 1.9704 | 1.1414 | 0.6100 | | |
| | 1.7566 | 1.7147 | 1.7039 | 1.7063 | 2.6798 | 5.0117 | | |
| 15 | 0.9062 | 0.9466 | 0.8951 | 0.8417 | F-SUB-Q | | | |
| | 3.3142 | 3.2021 | 3.3857 | 3.6192 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3537 | 1.3746 | 1.5768 | 1.4489 | 1.7832 | 1.6331 | 1.8752 | 0.9057 |
| | 2.4476 | 2.3985 | 2.0838 | 2.2605 | 1.8349 | 2.0018 | 1.7440 | 3.2677 |
| 9 | 1.3746 | 1.7169 | 1.4124 | 1.7940 | 1.5362 | 1.8486 | 1.9305 | 0.9473 |
| | 2.3985 | 1.9193 | 2.3289 | 1.8361 | 2.1405 | 1.7746 | 1.7030 | 3.1458 |
| 10 | 1.5768 | 1.4093 | 1.6219 | 1.6706 | 1.9197 | 1.8085 | 1.9497 | 0.8963 |
| | 2.0838 | 2.3355 | 2.0338 | 1.9740 | 1.7259 | 1.8232 | 1.6921 | 3.3252 |
| 11 | 1.4489 | 1.7887 | 1.6645 | 1.8495 | 1.7543 | 1.9813 | 1.9572 | 0.8444 |
| | 2.2605 | 1.8415 | 1.9812 | 1.7934 | 1.8930 | 1.6754 | 1.6929 | 3.5505 |
| 12 | 1.7832 | 1.5345 | 1.9172 | 1.7526 | 1.7259 | 1.8955 | 1.1496 | |
| | 1.8349 | 2.1429 | 1.7282 | 1.8949 | 1.9374 | 1.7597 | 2.6241 | |
| 13 | 1.6331 | 1.8469 | 1.8058 | 1.9787 | 1.8936 | 1.2116 | 0.6305 | |
| | 2.0018 | 1.7762 | 1.8260 | 1.6776 | 1.7618 | 2.7580 | 4.8586 | |
| 14 | 1.8752 | 1.9286 | 1.9472 | 1.9543 | 1.1484 | 0.6128 | | |
| | 1.7440 | 1.7047 | 1.6943 | 1.6954 | 2.6266 | 4.9492 | | |
| 15 | 0.9057 | 0.9469 | 0.8950 | 0.8430 | F-SUB-Q | | | |
| | 3.2677 | 3.1471 | 3.3299 | 3.5561 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3485 | 1.3685 | 1.5799 | 1.4436 | 1.7927 | 1.6376 | 1.8943 | 0.8920 |
| | 2.3516 | 2.2983 | 1.9862 | 2.1764 | 1.7638 | 1.9291 | 1.6681 | 3.1766 |
| 9 | 1.3685 | 1.7226 | 1.4070 | 1.8030 | 1.5331 | 1.8593 | 1.9513 | 0.9329 |
| | 2.2983 | 1.8296 | 2.2367 | 1.7607 | 2.0701 | 1.7130 | 1.6351 | 3.0639 |
| 10 | 1.5799 | 1.4037 | 1.6195 | 1.6727 | 1.9370 | 1.8172 | 1.9727 | 0.8852 |
| | 1.9862 | 2.2404 | 1.9606 | 1.9033 | 1.6655 | 1.7656 | 1.6281 | 3.2313 |
| 11 | 1.4436 | 1.7976 | 1.6664 | 1.8641 | 1.7592 | 2.0034 | 1.9799 | 0.8319 |
| | 2.1764 | 1.7657 | 1.9102 | 1.7275 | 1.8407 | 1.6197 | 1.6325 | 3.4617 |
| 12 | 1.7927 | 1.5313 | 1.9343 | 1.7575 | 1.7320 | 1.9152 | 1.1337 | |
| | 1.7638 | 2.0724 | 1.6678 | 1.8420 | 1.8894 | 1.7003 | 2.5798 | |
| 13 | 1.6376 | 1.8575 | 1.8141 | 2.0007 | 1.9131 | 1.2035 | 0.6200 | |
| | 1.9291 | 1.7146 | 1.7683 | 1.6218 | 1.7023 | 2.6934 | 4.7441 | |
| 14 | 1.8943 | 1.9492 | 1.9699 | 1.9769 | 1.1326 | 0.6014 | | |
| | 1.6681 | 1.6368 | 1.6302 | 1.6349 | 2.5817 | 4.8416 | | |
| 15 | 0.8920 | 0.9325 | 0.8838 | 0.8304 | F-SUB-Q | | | |
| | 3.1766 | 3.0652 | 3.2360 | 3.4672 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3291 | 1.3488 | 1.5609 | 1.4246 | 1.7774 | 1.6251 | 1.8861 | 0.8794 |
| | 2.1977 | 2.1507 | 1.8514 | 2.0179 | 1.6247 | 1.7803 | 1.5351 | 2.9434 |
| 9 | 1.3488 | 1.7036 | 1.3875 | 1.7869 | 1.5147 | 1.8479 | 1.9439 | 0.9195 |
| | 2.1507 | 1.7075 | 2.0898 | 1.6394 | 1.9272 | 1.5783 | 1.5052 | 2.8378 |
| 10 | 1.5609 | 1.3841 | 1.5994 | 1.6558 | 1.9266 | 1.8049 | 1.9668 | 0.8737 |
| | 1.8514 | 2.0978 | 1.8334 | 1.7757 | 1.5448 | 1.6409 | 1.5088 | 3.0054 |
| 11 | 1.4246 | 1.7813 | 1.6493 | 1.8520 | 1.7440 | 1.9959 | 1.9749 | 0.8196 |
| | 2.0179 | 1.6442 | 1.7824 | 1.6059 | 1.7114 | 1.4975 | 1.5088 | 3.2469 |
| 12 | 1.7774 | 1.5128 | 1.9238 | 1.7422 | 1.7180 | 1.9083 | 1.1203 | |
| | 1.6247 | 1.9295 | 1.5469 | 1.7131 | 1.7553 | 1.5723 | 2.4036 | |
| 13 | 1.6251 | 1.8459 | 1.8016 | 1.9931 | 1.9059 | 1.1910 | 0.6108 | |
| | 1.7803 | 1.5798 | 1.6437 | 1.4995 | 1.5742 | 2.5089 | 4.4379 | |
| 14 | 1.8861 | 1.9416 | 1.9638 | 1.9717 | 1.1193 | 0.5919 | | |
| | 1.5351 | 1.5068 | 1.5109 | 1.5111 | 2.4055 | 4.5337 | | |
| 15 | 0.8794 | 0.9191 | 0.8723 | 0.8181 | F-SUB-Q | | | |
| | 2.9434 | 2.8391 | 3.0100 | 3.2524 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3021 | 1.3208 | 1.5297 | 1.3963 | 1.7477 | 1.6003 | 1.8600 | 0.8659 |
| | 2.0666 | 2.0127 | 1.7233 | 1.8853 | 1.5151 | 1.6594 | 1.4291 | 2.7488 |
| 9 | 1.3208 | 1.6710 | 1.3597 | 1.7560 | 1.4867 | 1.8220 | 1.9178 | 0.9070 |
| | 2.0127 | 1.5898 | 1.9451 | 1.5224 | 1.7946 | 1.4676 | 1.3972 | 2.6440 |
| 10 | 1.5297 | 1.3562 | 1.5692 | 1.6272 | 1.8987 | 1.7786 | 1.9412 | 0.8612 |
| | 1.7233 | 1.9508 | 1.7057 | 1.6496 | 1.4429 | 1.5197 | 1.3948 | 2.7905 |
| 11 | 1.3963 | 1.7504 | 1.6207 | 1.8241 | 1.7158 | 1.9689 | 1.9501 | 0.8097 |
| | 1.8853 | 1.5270 | 1.6559 | 1.5028 | 1.6074 | 1.4018 | 1.4047 | 3.0000 |
| 12 | 1.7477 | 1.4849 | 1.8958 | 1.7139 | 1.6912 | 1.8830 | 1.1068 | |
| | 1.5151 | 1.7966 | 1.4450 | 1.6090 | 1.6521 | 1.4754 | 2.2499 | |
| 13 | 1.6003 | 1.8200 | 1.7752 | 1.9660 | 1.8805 | 1.1746 | 0.6020 | |
| | 1.6594 | 1.4692 | 1.5224 | 1.4038 | 1.4772 | 2.3584 | 4.1777 | |
| 14 | 1.8600 | 1.9155 | 1.9381 | 1.9468 | 1.1057 | 0.5832 | | |
| | 1.4291 | 1.3988 | 1.3969 | 1.4070 | 2.2519 | 4.2692 | | |
| 15 | 0.8659 | 0.9066 | 0.8597 | 0.8082 | F-SUB-Q | | | |
| | 2.7488 | 2.6453 | 2.7949 | 3.0053 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2650 | 1.2829 | 1.4820 | 1.3585 | 1.6986 | 1.5618 | 1.8121 | 0.8533 |
| | 2.0908 | 2.0463 | 1.7694 | 1.9328 | 1.5558 | 1.6979 | 1.4654 | 2.7922 |
| 9 | 1.2829 | 1.6201 | 1.3217 | 1.7057 | 1.4471 | 1.7785 | 1.8690 | 0.8945 |
| | 2.0463 | 1.6250 | 1.9887 | 1.5590 | 1.8361 | 1.4998 | 1.4289 | 2.6811 |
| 10 | 1.4820 | 1.3182 | 1.5259 | 1.5842 | 1.8487 | 1.7356 | 1.8921 | 0.8479 |
| | 1.7694 | 1.9926 | 1.7421 | 1.6828 | 1.4646 | 1.5484 | 1.4216 | 2.8247 |
| 11 | 1.3585 | 1.7002 | 1.5778 | 1.7751 | 1.6721 | 1.9183 | 1.9028 | 0.7982 |
| | 1.9328 | 1.5638 | 1.6893 | 1.5276 | 1.6256 | 1.4171 | 1.4223 | 3.0234 |
| 12 | 1.6986 | 1.4452 | 1.8458 | 1.6703 | 1.6489 | 1.8357 | 1.0944 | |
| | 1.5558 | 1.8383 | 1.4668 | 1.6273 | 1.6702 | 1.4910 | 2.2417 | |
| 13 | 1.5618 | 1.7765 | 1.7322 | 1.9154 | 1.8333 | 1.1540 | 0.5938 | |
| | 1.6979 | 1.5015 | 1.5514 | 1.4192 | 1.4930 | 2.3695 | 4.1779 | |
| 14 | 1.8121 | 1.8666 | 1.8889 | 1.8994 | 1.0932 | 0.5755 | | |
| | 1.4654 | 1.4306 | 1.4238 | 1.4246 | 2.2440 | 4.2674 | | |
| 15 | 0.8533 | 0.8940 | 0.8465 | 0.7967 | F-SUB-Q | | | |
| | 2.7922 | 2.6824 | 2.8293 | 3.0289 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2446 | 1.2611 | 1.4657 | 1.3349 | 1.6844 | 1.5432 | 1.8036 | 0.8256 |
| | 1.9587 | 1.9301 | 1.6646 | 1.8324 | 1.4623 | 1.6022 | 1.3723 | 2.6930 |
| 9 | 1.2611 | 1.6054 | 1.2996 | 1.6912 | 1.4242 | 1.7624 | 1.8605 | 0.8649 |
| | 1.9301 | 1.5226 | 1.8786 | 1.4627 | 1.7364 | 1.4100 | 1.3362 | 2.5890 |
| 10 | 1.4657 | 1.2963 | 1.5040 | 1.5642 | 1.8368 | 1.7175 | 1.8844 | 0.8223 |
| | 1.6646 | 1.8831 | 1.6423 | 1.5839 | 1.3657 | 1.4546 | 1.3263 | 2.7130 |
| 11 | 1.3349 | 1.6856 | 1.5577 | 1.7622 | 1.6506 | 1.9082 | 1.8929 | 0.7707 |
| | 1.8324 | 1.4674 | 1.5902 | 1.4267 | 1.5225 | 1.3167 | 1.3235 | 2.9108 |
| 12 | 1.6844 | 1.4223 | 1.8338 | 1.6488 | 1.6287 | 1.8243 | 1.0581 | |
| | 1.4623 | 1.7385 | 1.3678 | 1.5241 | 1.5525 | 1.3815 | 2.1413 | |
| 13 | 1.5432 | 1.7603 | 1.7138 | 1.9052 | 1.8218 | 1.1253 | 0.5725 | |
| | 1.6022 | 1.4116 | 1.4575 | 1.3187 | 1.3833 | 2.2314 | 3.9926 | |
| 14 | 1.8036 | 1.8581 | 1.8811 | 1.8895 | 1.0570 | 0.5538 | | |
| | 1.3723 | 1.3379 | 1.3284 | 1.3257 | 2.1432 | 4.0865 | | |
| 15 | 0.8256 | 0.8644 | 0.8208 | 0.7691 | F-SUB-Q | | | |
| | 2.6930 | 2.5903 | 2.7176 | 2.9163 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2088 | 1.2237 | 1.4218 | 1.2953 | 1.6375 | 1.5017 | 1.7564 | 0.8000 |
| | 1.8872 | 1.8672 | 1.6137 | 1.7771 | 1.4152 | 1.5496 | 1.3262 | 2.6201 |
| 9 | 1.2237 | 1.5602 | 1.2620 | 1.6442 | 1.3832 | 1.7173 | 1.8123 | 0.8384 |
| | 1.8672 | 1.4714 | 1.8177 | 1.4140 | 1.6811 | 1.3607 | 1.2895 | 2.5174 |
| 10 | 1.4218 | 1.2588 | 1.4625 | 1.5212 | 1.7872 | 1.6721 | 1.8352 | 0.7970 |
| | 1.6137 | 1.8222 | 1.5865 | 1.5297 | 1.3156 | 1.4030 | 1.2784 | 2.6341 |
| 11 | 1.2953 | 1.6386 | 1.5147 | 1.7147 | 1.6043 | 1.8567 | 1.8422 | 0.7466 |
| | 1.7771 | 1.4186 | 1.5359 | 1.3749 | 1.4667 | 1.2665 | 1.2738 | 2.8243 |
| 12 | 1.6375 | 1.3814 | 1.7843 | 1.6026 | 1.5841 | 1.7742 | 1.0260 | |
| | 1.4152 | 1.6832 | 1.3177 | 1.4683 | 1.4893 | 1.3267 | 2.0672 | |
| 13 | 1.5017 | 1.7152 | 1.6685 | 1.8537 | 1.7717 | 1.0915 | 0.5541 | |
| | 1.5496 | 1.3623 | 1.4058 | 1.2684 | 1.3285 | 2.1471 | 3.8597 | |
| 14 | 1.7564 | 1.8098 | 1.8319 | 1.8388 | 1.0249 | 0.5357 | | |
| | 1.3262 | 1.2911 | 1.2805 | 1.2760 | 2.0690 | 3.9521 | | |
| 15 | 0.8000 | 0.8379 | 0.7956 | 0.7450 | F-SUB-Q | | | |
| | 2.6201 | 2.5188 | 2.6386 | 2.8298 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1555 | 1.1684 | 1.3460 | 1.2373 | 1.5518 | 1.4333 | 1.6633 | 0.7754 |
| | 1.8729 | 1.8565 | 1.6193 | 1.7685 | 1.4185 | 1.5421 | 1.3309 | 2.5732 |
| 9 | 1.1684 | 1.4792 | 1.2067 | 1.5593 | 1.3218 | 1.6375 | 1.7165 | 0.8134 |
| | 1.8565 | 1.4732 | 1.8054 | 1.4155 | 1.6706 | 1.3546 | 1.2921 | 2.4688 |
| 10 | 1.3460 | 1.2037 | 1.3989 | 1.4517 | 1.6930 | 1.5950 | 1.7363 | 0.7707 |
| | 1.6193 | 1.8098 | 1.5742 | 1.5209 | 1.3162 | 1.3948 | 1.2807 | 2.5892 |
| 11 | 1.2373 | 1.5540 | 1.4456 | 1.6264 | 1.5295 | 1.7557 | 1.7421 | 0.7243 |
| | 1.7685 | 1.4201 | 1.5271 | 1.3724 | 1.4570 | 1.2677 | 1.2755 | 2.7650 |
| 12 | 1.5518 | 1.3201 | 1.6901 | 1.5278 | 1.5113 | 1.6779 | 0.9962 | |
| | 1.4185 | 1.6726 | 1.3183 | 1.4586 | 1.4768 | 1.3268 | 2.0169 | |
| 13 | 1.4333 | 1.6355 | 1.5916 | 1.7529 | 1.6758 | 1.0503 | 0.5380 | |
| | 1.5421 | 1.3562 | 1.3977 | 1.2697 | 1.3287 | 2.1114 | 3.7687 | |
| 14 | 1.6633 | 1.7140 | 1.7331 | 1.7389 | 0.9949 | 0.5210 | | |
| | 1.3309 | 1.2938 | 1.2829 | 1.2778 | 2.0192 | 3.8529 | | |
| 15 | 0.7755 | 0.8129 | 0.7693 | 0.7228 | F-SUB-Q | | | |
| | 2.5732 | 2.4702 | 2.5937 | 2.7704 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1133 | 1.1250 | 1.2941 | 1.1908 | 1.4871 | 1.3765 | 1.5930 | 0.7319 |
| | 1.8640 | 1.8490 | 1.6154 | 1.7617 | 1.4192 | 1.5391 | 1.3318 | 2.6166 |
| 9 | 1.1250 | 1.4234 | 1.1638 | 1.4991 | 1.2721 | 1.5726 | 1.6431 | 0.7671 |
| | 1.8490 | 1.4679 | 1.7961 | 1.4110 | 1.6639 | 1.3513 | 1.2930 | 2.5137 |
| 10 | 1.2941 | 1.1603 | 1.3510 | 1.3989 | 1.6215 | 1.5322 | 1.6611 | 0.7277 |
| | 1.6154 | 1.8005 | 1.5620 | 1.5120 | 1.3154 | 1.3902 | 1.2817 | 2.6317 |
| 11 | 1.1908 | 1.4941 | 1.3930 | 1.5602 | 1.4704 | 1.6774 | 1.6608 | 0.6811 |
| | 1.7617 | 1.4156 | 1.5182 | 1.3689 | 1.4500 | 1.2691 | 1.2803 | 2.8213 |
| 12 | 1.4871 | 1.2705 | 1.6188 | 1.4691 | 1.4520 | 1.6016 | 0.9354 | |
| | 1.4192 | 1.6659 | 1.3175 | 1.4513 | 1.4703 | 1.3303 | 2.0570 | |
| 13 | 1.3765 | 1.5706 | 1.5289 | 1.6747 | 1.5997 | 0.9926 | 0.5064 | |
| | 1.5391 | 1.3529 | 1.3931 | 1.2711 | 1.3318 | 2.1384 | 3.8390 | |
| 14 | 1.5930 | 1.6408 | 1.6581 | 1.6577 | 0.9342 | 0.4897 | | |
| | 1.3318 | 1.2947 | 1.2838 | 1.2825 | 2.0593 | 3.9301 | | |
| 15 | 0.7319 | 0.7667 | 0.7264 | 0.6796 | F-SUB-Q | | | |
| | 2.6166 | 2.5150 | 2.6362 | 2.8269 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0247 | 1.0497 | 1.2052 | 1.1150 | 1.3630 | 1.2673 | 1.4484 | 0.6831 |
| | 1.9614 | 1.9182 | 1.6782 | 1.8205 | 1.4977 | 1.6169 | 1.4165 | 2.7171 |
| 9 | 1.0497 | 1.3079 | 1.0830 | 1.3834 | 1.1810 | 1.4386 | 1.4908 | 0.7143 |
| | 1.9182 | 1.5459 | 1.8724 | 1.4785 | 1.7335 | 1.4279 | 1.3775 | 2.6162 |
| 10 | 1.2052 | 1.0764 | 1.2478 | 1.3026 | 1.4801 | 1.4038 | 1.5051 | 0.6753 |
| | 1.6782 | 1.8786 | 1.6360 | 1.5697 | 1.3923 | 1.4662 | 1.3668 | 2.7476 |
| 11 | 1.1150 | 1.3790 | 1.2973 | 1.4284 | 1.3627 | 1.5235 | 1.5060 | 0.6277 |
| | 1.8205 | 1.4830 | 1.5759 | 1.4400 | 1.5111 | 1.3495 | 1.3642 | 2.9659 |
| 12 | 1.3630 | 1.1796 | 1.4777 | 1.3615 | 1.3307 | 1.4556 | 0.8688 | |
| | 1.4977 | 1.7355 | 1.3945 | 1.5124 | 1.5500 | 1.4139 | 2.1423 | |
| 13 | 1.2673 | 1.4369 | 1.4009 | 1.5211 | 1.4540 | 0.9108 | 0.4693 | |
| | 1.6169 | 1.4296 | 1.4691 | 1.3515 | 1.4154 | 2.2540 | 4.0143 | |
| 14 | 1.4484 | 1.4889 | 1.5025 | 1.5033 | 0.8675 | 0.4535 | | |
| | 1.4165 | 1.3792 | 1.3691 | 1.3665 | 2.1452 | 4.1126 | | |
| 15 | 0.6831 | 0.7139 | 0.6742 | 0.6265 | F-SUB-Q | | | |
| | 2.7171 | 2.6175 | 2.7522 | 2.9715 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8260 | 0.8795 | 1.1618 | 0.9384 | 1.2501 | 1.0268 | 1.2920 | 0.5825 |
| | 2.3764 | 2.2351 | 1.6973 | 2.1105 | 1.5913 | 1.9458 | 1.5473 | 3.1137 |
| 9 | 0.8795 | 1.1569 | 0.9030 | 1.2163 | 0.9889 | 1.1638 | 1.3187 | 0.6070 |
| | 2.2351 | 1.7046 | 2.1863 | 1.6350 | 2.0141 | 1.7189 | 1.5182 | 3.0083 |
| 10 | 1.1618 | 0.9006 | 1.0154 | 1.0924 | 1.2908 | 1.1320 | 1.3099 | 0.5637 |
| | 1.6973 | 2.1920 | 1.9604 | 1.8246 | 1.5522 | 1.7715 | 1.5293 | 3.2168 |
| 11 | 0.9384 | 1.2122 | 1.0883 | 1.2746 | 1.1331 | 1.3410 | 1.2562 | 0.5209 |
| | 2.1105 | 1.6403 | 1.8313 | 1.5725 | 1.7696 | 1.4939 | 1.5937 | 3.4934 |
| 12 | 1.2501 | 0.9873 | 1.2887 | 1.1322 | 1.0515 | 1.2602 | 0.7391 | |
| | 1.5913 | 2.0172 | 1.5546 | 1.7710 | 1.9104 | 1.5902 | 2.4584 | |
| 13 | 1.0268 | 1.1625 | 1.1299 | 1.3391 | 1.2588 | 0.7504 | 0.3923 | |
| | 1.9458 | 1.7208 | 1.7748 | 1.4959 | 1.5920 | 2.6701 | 4.6954 | |
| 14 | 1.2920 | 1.3170 | 1.3079 | 1.2540 | 0.7373 | 0.3796 | | |
| | 1.5473 | 1.5200 | 1.5316 | 1.5964 | 2.4640 | 4.8053 | | |
| 15 | 0.5825 | 0.6067 | 0.5627 | 0.5199 | F-SUB-Q | | | |
| | 3.1137 | 3.0097 | 3.2219 | 3.4998 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3539 | 0.3835 | 0.4648 | 0.4114 | 0.4939 | 0.4210 | 0.4705 | 0.2456 |
| | 5.4393 | 5.0268 | 4.1528 | 4.7171 | 3.9381 | 4.6445 | 4.1578 | 7.2488 |
| 9 | 0.3835 | 0.4488 | 0.3965 | 0.4898 | 0.4335 | 0.4501 | 0.4771 | 0.2528 |
| | 5.0268 | 4.2968 | 4.8820 | 3.9719 | 4.4994 | 4.3486 | 4.1052 | 7.0868 |
| 10 | 0.4648 | 0.3955 | 0.4081 | 0.4566 | 0.5155 | 0.4511 | 0.4728 | 0.2385 |
| | 4.1528 | 4.8934 | 4.7745 | 4.2725 | 3.7976 | 4.3452 | 4.1450 | 7.4619 |
| 11 | 0.4114 | 0.4884 | 0.4552 | 0.5095 | 0.4565 | 0.5137 | 0.4490 | 0.2152 |
| | 4.7171 | 3.9837 | 4.2860 | 3.8408 | 4.2917 | 3.8151 | 4.3659 | 8.3014 |
| 12 | 0.4939 | 0.4327 | 0.5147 | 0.4561 | 0.4098 | 0.4572 | 0.3091 | |
| | 3.9381 | 4.5069 | 3.8036 | 4.2961 | 4.7907 | 4.2909 | 5.7654 | |
| 13 | 0.4210 | 0.4496 | 0.4503 | 0.5130 | 0.4567 | 0.3211 | 0.1659 | |
| | 4.6445 | 4.3530 | 4.3527 | 3.8205 | 4.2956 | 6.1162 | *10.9050 | |
| 14 | 0.4705 | 0.4765 | 0.4721 | 0.4483 | 0.3083 | 0.1632 | | |
| | 4.1578 | 4.1100 | 4.1510 | 4.3733 | 5.7787 | *10.9796 | | |
| 15 | 0.2456 | 0.2527 | 0.2382 | 0.2148 | F-SUB-Q | | | |
| | 7.2488 | 7.0901 | 7.4715 | 8.3161 | 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 | 0.3024 | 0.3801 | 0.4774 | 0.4349 | 0.5037 | 0.4286 | 0.4569 | 0.2532 |
| | 5.3330 | 5.2623 | 4.1585 | 4.5358 | 3.9142 | 4.6166 | 4.3857 | 7.1179 |
| 9 | 0.3801 | 0.4459 | 0.4146 | 0.4962 | 0.4444 | 0.4400 | 0.4577 | 0.2603 |
| | 5.2623 | 4.5201 | 4.8092 | 3.9915 | 4.4432 | 4.5236 | 4.3743 | 6.9721 |
| 10 | 0.4774 | 0.4140 | 0.4176 | 0.4535 | 0.4926 | 0.4324 | 0.4392 | 0.2383 |
| | 4.1585 | 4.8166 | 4.8536 | 4.3898 | 4.0152 | 4.5542 | 4.4716 | 7.4241 |
| 11 | 0.4349 | 0.4953 | 0.4525 | 0.4712 | 0.4148 | 0.4417 | 0.3989 | 0.2089 |
| | 4.5358 | 3.9958 | 4.3989 | 4.2531 | 4.7169 | 4.3813 | 4.9144 | 8.4389 |
| 12 | 0.5037 | 0.4440 | 0.4920 | 0.4144 | 0.3141 | 0.3445 | 0.2631 | |
| | 3.9142 | 4.4460 | 4.0201 | 4.7194 | 5.1381 | 4.8022 | 6.3107 | |
| 13 | 0.4286 | 0.4398 | 0.4320 | 0.4414 | 0.3442 | 0.2266 | 0.1384 | |
| | 4.6166 | 4.5257 | 4.5578 | 4.3842 | 4.8053 | 6.5022 | *11.0324 | |
| 14 | 0.4569 | 0.4575 | 0.4389 | 0.3986 | 0.2628 | 0.1346 | | |
| | 4.3857 | 4.3762 | 4.4741 | 4.9182 | 6.3185 | *11.2297 | | |
| 15 | 0.2532 | 0.2602 | 0.2382 | 0.2087 | F-SUB-Q | | | |
| | 7.1179 | 6.9733 | 7.4282 | 8.4459 | 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 | 0.6586 | 0.8320 | 1.1025 | 0.9456 | 1.1654 | 0.9716 | 1.1441 | 0.5902 |
| | 2.5706 | 2.4760 | 1.8559 | 2.1542 | 1.7467 | 2.0964 | 1.8009 | 3.1428 |
| 9 | 0.8320 | 1.0570 | 0.9011 | 1.1400 | 0.9655 | 1.0558 | 1.1487 | 0.6063 |
| | 2.4760 | 1.9526 | 2.2752 | 1.7952 | 2.1082 | 1.9329 | 1.7789 | 3.0627 |
| 10 | 1.1025 | 0.8996 | 0.9757 | 1.0146 | 1.1251 | 1.0190 | 1.1089 | 0.5530 |
| | 1.8559 | 2.2790 | 2.1295 | 2.0185 | 1.8146 | 1.9955 | 1.8251 | 3.2912 |
| 11 | 0.9456 | 1.1379 | 1.0123 | 1.0774 | 0.9533 | 1.0525 | 1.0043 | 0.4954 |
| | 2.1542 | 1.7983 | 2.0229 | 1.8897 | 2.0713 | 1.8821 | 2.0092 | 3.6726 |
| 12 | 1.1654 | 0.9650 | 1.1238 | 0.9525 | 0.7253 | 0.8661 | 0.6097 | |
| | 1.7467 | 2.1091 | 1.8167 | 2.0725 | 2.1862 | 1.9510 | 2.7932 | |
| 13 | 0.9716 | 1.0554 | 1.0183 | 1.0518 | 0.8653 | 0.5052 | 0.3224 | |
| | 2.0964 | 1.9336 | 1.9969 | 1.8832 | 1.9522 | 2.9821 | 4.8599 | |
| 14 | 1.1441 | 1.1484 | 1.1084 | 1.0035 | 0.6089 | 0.3133 | | |
| | 1.8009 | 1.7793 | 1.8261 | 2.0108 | 2.7968 | 4.9519 | | |
| 15 | 0.5902 | 0.6063 | 0.5527 | 0.4950 | F-SUB-Q | | | |
| | 3.1428 | 3.0635 | 3.2930 | 3.6753 | 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 | 0.8136 | 0.9981 | 1.2105 | 1.1394 | 1.3109 | 1.1938 | 1.3071 | 0.7138 |
| | 2.1590 | 2.1089 | 1.7326 | 1.8338 | 1.5891 | 1.7443 | 1.5908 | 2.6209 |
| 9 | 0.9981 | 1.2193 | 1.0837 | 1.2921 | 1.1624 | 1.3030 | 1.3174 | 0.7360 |
| | 2.1089 | 1.7311 | 1.9399 | 1.6189 | 1.7942 | 1.5971 | 1.5769 | 2.5569 |
| 10 | 1.2105 | 1.0802 | 1.1965 | 1.2168 | 1.2893 | 1.2544 | 1.2853 | 0.6789 |
| | 1.7326 | 1.9440 | 1.7609 | 1.7234 | 1.6253 | 1.6616 | 1.6128 | 2.7411 |
| 11 | 1.1394 | 1.2913 | 1.2139 | 1.2349 | 1.1502 | 1.2196 | 1.2174 | 0.6131 |
| | 1.8338 | 1.6198 | 1.7275 | 1.7061 | 1.7508 | 1.6592 | 1.7043 | 3.0448 |
| 12 | 1.3109 | 1.1619 | 1.2872 | 1.1492 | 0.8994 | 1.0347 | 0.7410 | |
| | 1.5891 | 1.7947 | 1.6269 | 1.7519 | 1.7817 | 1.7129 | 2.3571 | |
| 13 | 1.1938 | 1.3026 | 1.2537 | 1.2187 | 1.0338 | 0.6277 | 0.3957 | |
| | 1.7443 | 1.5977 | 1.6625 | 1.6603 | 1.7139 | 2.4682 | 4.0724 | |
| 14 | 1.3071 | 1.3170 | 1.2846 | 1.2165 | 0.7399 | 0.3872 | | |
| | 1.5908 | 1.5773 | 1.6137 | 1.7056 | 2.3603 | 4.1204 | | |
| 15 | 0.7138 | 0.7359 | 0.6786 | 0.6126 | F-SUB-Q | | | |
| | 2.6209 | 2.5572 | 2.7426 | 3.0471 | 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 | 0.9065 | 1.1061 | 1.3682 | 1.2605 | 1.4987 | 1.3336 | 1.5040 | 0.7780 |
| | 2.0015 | 1.9609 | 1.5813 | 1.7083 | 1.4294 | 1.6023 | 1.4159 | 2.4630 |
| 9 | 1.1061 | 1.3847 | 1.2015 | 1.4619 | 1.2905 | 1.4764 | 1.5180 | 0.8039 |
| | 1.9609 | 1.5726 | 1.8031 | 1.4745 | 1.6626 | 1.4467 | 1.4032 | 2.3997 |
| 10 | 1.3682 | 1.1962 | 1.3363 | 1.3567 | 1.4635 | 1.4149 | 1.4872 | 0.7413 |
| | 1.5813 | 1.8110 | 1.6236 | 1.5939 | 1.4702 | 1.5125 | 1.4339 | 2.5822 |
| 11 | 1.2605 | 1.4606 | 1.3532 | 1.4006 | 1.2906 | 1.4132 | 1.4052 | 0.6741 |
| | 1.7083 | 1.4754 | 1.5980 | 1.5507 | 1.6094 | 1.4799 | 1.5212 | 2.8553 |
| 12 | 1.4987 | 1.2901 | 1.4624 | 1.2895 | 1.0074 | 1.1975 | 0.8157 | |
| | 1.4294 | 1.6631 | 1.4714 | 1.6105 | 1.6291 | 1.5356 | 2.2188 | |
| 13 | 1.3336 | 1.4759 | 1.4142 | 1.4121 | 1.1964 | 0.7081 | 0.4337 | |
| | 1.6023 | 1.4472 | 1.5133 | 1.4809 | 1.5366 | 2.2811 | 3.8676 | |
| 14 | 1.5040 | 1.5176 | 1.4864 | 1.4042 | 0.8151 | 0.4245 | | |
| | 1.4159 | 1.4036 | 1.4347 | 1.5224 | 2.2202 | 3.9123 | | |
| 15 | 0.7780 | 0.8038 | 0.7408 | 0.6735 | F-SUB-Q | | | |
| | 2.4630 | 2.4000 | 2.5838 | 2.8576 | 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 | 0.9686 | 1.1736 | 1.4667 | 1.3295 | 1.6054 | 1.4111 | 1.6195 | 0.8228 |
| | 1.9783 | 1.9310 | 1.5339 | 1.6771 | 1.3799 | 1.5658 | 1.3596 | 2.4094 |
| 9 | 1.1736 | 1.4801 | 1.2659 | 1.5637 | 1.3596 | 1.5712 | 1.6363 | 0.8536 |
| | 1.9310 | 1.5345 | 1.7799 | 1.4306 | 1.6322 | 1.4065 | 1.3468 | 2.3390 |
| 10 | 1.4667 | 1.2610 | 1.4092 | 1.4409 | 1.5663 | 1.5067 | 1.6093 | 0.7872 |
| | 1.5339 | 1.7854 | 1.6019 | 1.5578 | 1.4219 | 1.4688 | 1.3698 | 2.5163 |
| 11 | 1.3295 | 1.5606 | 1.4370 | 1.4997 | 1.3808 | 1.5384 | 1.5260 | 0.7199 |
| | 1.6771 | 1.4314 | 1.5620 | 1.5009 | 1.5715 | 1.4201 | 1.4523 | 2.7664 |
| 12 | 1.6054 | 1.3592 | 1.5649 | 1.3795 | 1.0861 | 1.3134 | 0.8809 | |
| | 1.3799 | 1.6327 | 1.4231 | 1.5727 | 1.5937 | 1.4746 | 2.1561 | |
| 13 | 1.4111 | 1.5706 | 1.5059 | 1.5371 | 1.3122 | 0.7737 | 0.4677 | |
| | 1.5658 | 1.4071 | 1.4696 | 1.4212 | 1.4757 | 2.2179 | 3.7970 | |
| 14 | 1.6195 | 1.6358 | 1.6083 | 1.5248 | 0.8803 | 0.4576 | | |
| | 1.3596 | 1.3472 | 1.3706 | 1.4535 | 2.1573 | 3.8420 | | |
| 15 | 0.8228 | 0.8535 | 0.7867 | 0.7192 | F-SUB-Q | | | |
| | 2.4094 | 2.3393 | 2.5180 | 2.7686 | 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 | 1.0318 | 1.2292 | 1.5341 | 1.3768 | 1.6725 | 1.4636 | 1.6942 | 0.8562 |
| | 1.9963 | 1.9414 | 1.5319 | 1.6863 | 1.3756 | 1.5620 | 1.3449 | 2.3969 |
| 9 | 1.2292 | 1.5482 | 1.3115 | 1.6330 | 1.4089 | 1.6340 | 1.7147 | 0.8900 |
| | 1.9414 | 1.5379 | 1.7930 | 1.4310 | 1.6427 | 1.4011 | 1.3311 | 2.3226 |
| 10 | 1.5341 | 1.3085 | 1.4611 | 1.5024 | 1.6358 | 1.5714 | 1.6931 | 0.8235 |
| | 1.5319 | 1.7971 | 1.6137 | 1.5620 | 1.4211 | 1.4683 | 1.3560 | 2.4990 |
| 11 | 1.3768 | 1.6296 | 1.4982 | 1.5830 | 1.4581 | 1.6381 | 1.6166 | 0.7569 |
| | 1.6863 | 1.4318 | 1.5664 | 1.4949 | 1.5726 | 1.4070 | 1.4399 | 2.7551 |
| 12 | 1.6725 | 1.4072 | 1.6344 | 1.4567 | 1.1689 | 1.4204 | 0.9440 | |
| | 1.3756 | 1.6432 | 1.4224 | 1.5738 | 1.6007 | 1.4649 | 2.1390 | |
| 13 | 1.4636 | 1.6333 | 1.5705 | 1.6367 | 1.4190 | 0.8484 | 0.5044 | |
| | 1.5620 | 1.4017 | 1.4692 | 1.4082 | 1.4660 | 2.2172 | 3.8025 | |
| 14 | 1.6942 | 1.7138 | 1.6920 | 1.6153 | 0.9433 | 0.4933 | | |
| | 1.3449 | 1.3316 | 1.3569 | 1.4413 | 2.1403 | 3.8500 | | |
| 15 | 0.8562 | 0.8899 | 0.8230 | 0.7562 | F-SUB-Q | | | |
| | 2.3969 | 2.3230 | 2.5007 | 2.7575 | 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 | 1.1397 | 1.2916 | 1.6045 | 1.4218 | 1.7410 | 1.5147 | 1.7700 | 0.8783 |
| | 2.0194 | 1.9544 | 1.5488 | 1.7188 | 1.3874 | 1.5806 | 1.3466 | 2.4429 |
| 9 | 1.2916 | 1.6247 | 1.3592 | 1.7054 | 1.4590 | 1.6961 | 1.7967 | 0.9142 |
| | 1.9544 | 1.5588 | 1.8290 | 1.4476 | 1.6745 | 1.4148 | 1.3329 | 2.3655 |
| 10 | 1.6045 | 1.3560 | 1.5159 | 1.5659 | 1.7112 | 1.6374 | 1.7803 | 0.8473 |
| | 1.5488 | 1.8334 | 1.6464 | 1.5861 | 1.4361 | 1.4860 | 1.3587 | 2.5524 |
| 11 | 1.4218 | 1.7018 | 1.5614 | 1.6773 | 1.5494 | 1.7514 | 1.7153 | 0.7837 |
| | 1.7188 | 1.4484 | 1.5908 | 1.4898 | 1.5774 | 1.3962 | 1.4440 | 2.8164 |
| 12 | 1.7410 | 1.4572 | 1.7097 | 1.5479 | 1.2995 | 1.5620 | 1.0000 | |
| | 1.3874 | 1.6751 | 1.4374 | 1.5787 | 1.6163 | 1.4639 | 2.1647 | |
| 13 | 1.5147 | 1.6953 | 1.6363 | 1.7498 | 1.5606 | 0.9567 | 0.5405 | |
| | 1.5806 | 1.4154 | 1.4871 | 1.3974 | 1.4651 | 2.2455 | 3.8799 | |
| 14 | 1.7700 | 1.7957 | 1.7791 | 1.7137 | 0.9993 | 0.5278 | | |
| | 1.3466 | 1.3334 | 1.3597 | 1.4454 | 2.1659 | 3.9339 | | |
| 15 | 0.8783 | 0.9140 | 0.8467 | 0.7829 | F-SUB-Q | | | |
| | 2.4429 | 2.3659 | 2.5542 | 2.8189 | 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 | 1.2480 | 1.3460 | 1.6551 | 1.4540 | 1.7877 | 1.5511 | 1.8226 | 0.8960 |
| | 2.0769 | 2.0095 | 1.6035 | 1.7866 | 1.4329 | 1.6333 | 1.3824 | 2.5302 |
| 9 | 1.3460 | 1.6837 | 1.3949 | 1.7582 | 1.4959 | 1.7407 | 1.8555 | 0.9338 |
| | 2.0095 | 1.6165 | 1.9032 | 1.4974 | 1.7411 | 1.4598 | 1.3683 | 2.4480 |
| 10 | 1.6551 | 1.3915 | 1.5574 | 1.6147 | 1.7911 | 1.6874 | 1.8445 | 0.8678 |
| | 1.6035 | 1.9078 | 1.7137 | 1.6443 | 1.4780 | 1.5357 | 1.3955 | 2.6443 |
| 11 | 1.4540 | 1.7541 | 1.6099 | 1.7548 | 1.6309 | 1.8465 | 1.7946 | 0.8074 |
| | 1.7865 | 1.4991 | 1.6493 | 1.5178 | 1.6098 | 1.4160 | 1.4655 | 2.9200 |
| 12 | 1.7877 | 1.4939 | 1.7894 | 1.6295 | 1.5110 | 1.7023 | 1.0546 | |
| | 1.4329 | 1.7416 | 1.4794 | 1.6110 | 1.6471 | 1.4813 | 2.2059 | |
| 13 | 1.5511 | 1.7398 | 1.6860 | 1.8448 | 1.7008 | 1.0682 | 0.5769 | |
| | 1.6333 | 1.4606 | 1.5370 | 1.4172 | 1.4825 | 2.2924 | 3.9641 | |
| 14 | 1.8226 | 1.8544 | 1.8431 | 1.7929 | 1.0539 | 0.5628 | | |
| | 1.3824 | 1.3689 | 1.3966 | 1.4670 | 2.2071 | 4.0237 | | |
| 15 | 0.8960 | 0.9336 | 0.8671 | 0.8065 | F-SUB-Q | | | |
| | 2.5302 | 2.4485 | 2.6463 | 2.9228 | 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 | 1.3234 | 1.3892 | 1.7007 | 1.4811 | 1.8310 | 1.5823 | 1.8708 | 0.9079 |
| | 2.1698 | 2.0766 | 1.6771 | 1.8782 | 1.4952 | 1.7079 | 1.4356 | 2.6593 |
| 9 | 1.3892 | 1.7357 | 1.4249 | 1.8063 | 1.5277 | 1.7803 | 1.9091 | 0.9450 |
| | 2.0766 | 1.6601 | 2.0022 | 1.5644 | 1.8299 | 1.5236 | 1.4211 | 2.5774 |
| 10 | 1.7007 | 1.4214 | 1.5942 | 1.6572 | 1.8611 | 1.7313 | 1.9030 | 0.8818 |
| | 1.6771 | 2.0072 | 1.7980 | 1.7233 | 1.5150 | 1.6050 | 1.4496 | 2.7812 |
| 11 | 1.4811 | 1.8020 | 1.6521 | 1.8219 | 1.6978 | 1.9292 | 1.8652 | 0.8232 |
| | 1.8782 | 1.5675 | 1.7287 | 1.5586 | 1.6654 | 1.4527 | 1.4946 | 3.0770 |
| 12 | 1.8310 | 1.5257 | 1.8593 | 1.6964 | 1.6175 | 1.8068 | 1.0949 | |
| | 1.4952 | 1.8305 | 1.5165 | 1.6667 | 1.7090 | 1.5241 | 2.2923 | |
| 13 | 1.5823 | 1.7793 | 1.7297 | 1.9273 | 1.8051 | 1.1415 | 0.6041 | |
| | 1.7079 | 1.5245 | 1.6065 | 1.4541 | 1.5254 | 2.3799 | 4.1248 | |
| 14 | 1.8708 | 1.9078 | 1.9014 | 1.8633 | 1.0942 | 0.5887 | | |
| | 1.4356 | 1.4217 | 1.4508 | 1.4961 | 2.2935 | 4.1916 | | |
| 15 | 0.9079 | 0.9448 | 0.8811 | 0.8223 | F-SUB-Q | | | |
| | 2.6593 | 2.5780 | 2.7835 | 3.0801 | 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 | 1.3404 | 1.3984 | 1.6998 | 1.4829 | 1.8270 | 1.5850 | 1.8712 | 0.9212 |
| | 2.2896 | 2.1949 | 1.7995 | 2.0202 | 1.6120 | 1.8315 | 1.5407 | 2.8149 |
| 9 | 1.3984 | 1.7388 | 1.4281 | 1.8089 | 1.5312 | 1.7842 | 1.9131 | 0.9611 |
| | 2.1949 | 1.7614 | 2.1448 | 1.6789 | 1.9703 | 1.6339 | 1.5249 | 2.7185 |
| 10 | 1.6998 | 1.4249 | 1.5985 | 1.6650 | 1.8782 | 1.7397 | 1.9106 | 0.8992 |
| | 1.7995 | 2.1502 | 1.9048 | 1.8225 | 1.5958 | 1.7197 | 1.5558 | 2.9324 |
| 11 | 1.4829 | 1.8044 | 1.6598 | 1.8363 | 1.7182 | 1.9504 | 1.8834 | 0.8423 |
| | 2.0202 | 1.6830 | 1.8282 | 1.6434 | 1.7499 | 1.5286 | 1.5735 | 3.1921 |
| 12 | 1.8270 | 1.5291 | 1.8762 | 1.7168 | 1.6507 | 1.8415 | 1.1330 | |
| | 1.6120 | 1.9710 | 1.5975 | 1.7512 | 1.8091 | 1.6098 | 2.3678 | |
| 13 | 1.5850 | 1.7831 | 1.7379 | 1.9484 | 1.8398 | 1.1824 | 0.6277 | |
| | 1.8315 | 1.6349 | 1.7214 | 1.5300 | 1.6113 | 2.5007 | 4.2937 | |
| 14 | 1.8712 | 1.9117 | 1.9089 | 1.8814 | 1.1320 | 0.6118 | | |
| | 1.5407 | 1.5256 | 1.5572 | 1.5752 | 2.3697 | 4.3623 | | |
| 15 | 0.9212 | 0.9608 | 0.8984 | 0.8413 | F-SUB-Q | | | |
| | 2.8149 | 2.7192 | 2.9348 | 3.1955 | 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 | 1.3637 | 1.4198 | 1.7377 | 1.5010 | 1.8677 | 1.6106 | 1.9183 | 0.9199 |
| | 2.4046 | 2.3080 | 1.8765 | 2.1550 | 1.7019 | 1.9433 | 1.6184 | 3.0294 |
| 9 | 1.4198 | 1.7780 | 1.4476 | 1.8499 | 1.5531 | 1.8186 | 1.9644 | 0.9600 |
| | 2.3080 | 1.8384 | 2.2558 | 1.7503 | 2.0831 | 1.7288 | 1.6026 | 2.9295 |
| 10 | 1.7377 | 1.4456 | 1.6239 | 1.6960 | 1.9324 | 1.7746 | 1.9646 | 0.8990 |
| | 1.8765 | 2.2615 | 2.0005 | 1.9091 | 1.6562 | 1.7965 | 1.6140 | 3.1631 |
| 11 | 1.5010 | 1.8451 | 1.6905 | 1.8849 | 1.7571 | 2.0123 | 1.9408 | 0.8439 |
| | 2.1550 | 1.7546 | 1.9152 | 1.7088 | 1.8272 | 1.5831 | 1.6298 | 3.3971 |
| 12 | 1.8677 | 1.5510 | 1.9303 | 1.7557 | 1.6925 | 1.9029 | 1.1405 | |
| | 1.7019 | 2.0859 | 1.6579 | 1.8286 | 1.8856 | 1.6653 | 2.5127 | |
| 13 | 1.6106 | 1.8173 | 1.7725 | 2.0102 | 1.9011 | 1.2031 | 0.6320 | |
| | 1.9433 | 1.7299 | 1.7985 | 1.5847 | 1.6668 | 2.6265 | 4.5511 | |
| 14 | 1.9183 | 1.9628 | 1.9626 | 1.9386 | 1.1397 | 0.6149 | | |
| | 1.6184 | 1.6034 | 1.6155 | 1.6316 | 2.5142 | 4.6318 | | |
| 15 | 0.9199 | 0.9597 | 0.8981 | 0.8428 | F-SUB-Q | | | |
| | 3.0294 | 2.9302 | 3.1659 | 3.4010 | 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 | 1.3644 | 1.4197 | 1.7411 | 1.5002 | 1.8731 | 1.6145 | 1.9299 | 0.9200 |
| | 2.4675 | 2.3608 | 1.9202 | 2.2239 | 1.7810 | 2.0659 | 1.7296 | 3.2628 |
| 9 | 1.4197 | 1.7820 | 1.4473 | 1.8562 | 1.5535 | 1.8255 | 1.9780 | 0.9614 |
| | 2.3608 | 1.8804 | 2.3104 | 1.8049 | 2.1539 | 1.8306 | 1.6924 | 3.1510 |
| 10 | 1.7411 | 1.4453 | 1.6246 | 1.7006 | 1.9472 | 1.7821 | 1.9799 | 0.9010 |
| | 1.9202 | 2.3160 | 2.0634 | 1.9713 | 1.7277 | 1.8813 | 1.6934 | 3.3576 |
| 11 | 1.5002 | 1.8514 | 1.6950 | 1.8960 | 1.7656 | 2.0312 | 1.9596 | 0.8470 |
| | 2.2239 | 1.8096 | 1.9778 | 1.7736 | 1.9076 | 1.6579 | 1.7164 | 3.5953 |
| 12 | 1.8731 | 1.5513 | 1.9450 | 1.7642 | 1.7033 | 1.9235 | 1.1485 | |
| | 1.7810 | 2.1569 | 1.7296 | 1.9091 | 1.9804 | 1.7538 | 2.6573 | |
| 13 | 1.6145 | 1.8241 | 1.7799 | 2.0290 | 1.9216 | 1.2129 | 0.6361 | |
| | 2.0659 | 1.8320 | 1.8836 | 1.6597 | 1.7555 | 2.7822 | 4.8379 | |
| 14 | 1.9299 | 1.9763 | 1.9778 | 1.9573 | 1.1477 | 0.6183 | | |
| | 1.7296 | 1.6938 | 1.6952 | 1.7185 | 2.6590 | 4.9282 | | |
| 15 | 0.9200 | 0.9611 | 0.9000 | 0.8459 | F-SUB-Q | | | |
| | 3.2628 | 3.1518 | 3.3614 | 3.5999 | 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 | 1.3466 | 1.4010 | 1.7140 | 1.4822 | 1.8470 | 1.5989 | 1.9094 | 0.9212 |
| | 2.4630 | 2.3559 | 1.9214 | 2.2136 | 1.7752 | 2.0484 | 1.7171 | 3.2141 |
| 9 | 1.4010 | 1.7557 | 1.4286 | 1.8322 | 1.5354 | 1.8083 | 1.9584 | 0.9629 |
| | 2.3559 | 1.8799 | 2.3057 | 1.8016 | 2.1472 | 1.8173 | 1.6836 | 3.0952 |
| 10 | 1.7140 | 1.4266 | 1.6042 | 1.6821 | 1.9282 | 1.7659 | 1.9614 | 0.9030 |
| | 1.9214 | 2.3106 | 2.0595 | 1.9641 | 1.7221 | 1.8710 | 1.6848 | 3.2941 |
| 11 | 1.4822 | 1.8273 | 1.6764 | 1.8750 | 1.7489 | 2.0129 | 1.9445 | 0.8494 |
| | 2.2136 | 1.8065 | 1.9707 | 1.7698 | 1.9012 | 1.6519 | 1.7076 | 3.5339 |
| 12 | 1.8470 | 1.5331 | 1.9259 | 1.7475 | 1.6892 | 1.9101 | 1.1573 | |
| | 1.7752 | 2.1505 | 1.7241 | 1.9027 | 1.9820 | 1.7493 | 2.6052 | |
| 13 | 1.5989 | 1.8068 | 1.7635 | 2.0106 | 1.9082 | 1.2146 | 0.6399 | |
| | 2.0484 | 1.8188 | 1.8735 | 1.6538 | 1.7511 | 2.7566 | 4.7796 | |
| 14 | 1.9094 | 1.9566 | 1.9592 | 1.9421 | 1.1563 | 0.6222 | | |
| | 1.7171 | 1.6852 | 1.6867 | 1.7098 | 2.6073 | 4.8676 | | |
| 15 | 0.9212 | 0.9625 | 0.9021 | 0.8482 | F-SUB-Q | | | |
| | 3.2141 | 3.0963 | 3.2975 | 3.5386 | 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 | 1.3430 | 1.3972 | 1.7220 | 1.4778 | 1.8594 | 1.6030 | 1.9314 | 0.9072 |
| | 2.3664 | 2.2583 | 1.8328 | 2.1353 | 1.7069 | 1.9752 | 1.6429 | 3.1261 |
| 9 | 1.3972 | 1.7639 | 1.4250 | 1.8429 | 1.5321 | 1.8177 | 1.9817 | 0.9487 |
| | 2.2583 | 1.7930 | 2.2127 | 1.7291 | 2.0744 | 1.7556 | 1.6168 | 3.0154 |
| 10 | 1.7220 | 1.4230 | 1.6025 | 1.6854 | 1.9469 | 1.7737 | 1.9856 | 0.8913 |
| | 1.8328 | 2.2156 | 1.9859 | 1.8948 | 1.6624 | 1.8122 | 1.6206 | 3.2127 |
| 11 | 1.4778 | 1.8378 | 1.6795 | 1.8889 | 1.7541 | 2.0372 | 1.9696 | 0.8373 |
| | 2.1353 | 1.7336 | 1.9011 | 1.7059 | 1.8468 | 1.5973 | 1.6462 | 3.4479 |
| 12 | 1.8594 | 1.5298 | 1.9445 | 1.7527 | 1.6948 | 1.9317 | 1.1425 | |
| | 1.7069 | 2.0773 | 1.6643 | 1.8481 | 1.9346 | 1.6924 | 2.5631 | |
| 13 | 1.6030 | 1.8161 | 1.7711 | 2.0347 | 1.9297 | 1.2075 | 0.6297 | |
| | 1.9752 | 1.7571 | 1.8147 | 1.5991 | 1.6941 | 2.6946 | 4.6724 | |
| 14 | 1.9314 | 1.9797 | 1.9833 | 1.9670 | 1.1416 | 0.6112 | | |
| | 1.6429 | 1.6184 | 1.6224 | 1.6482 | 2.5646 | 4.7666 | | |
| 15 | 0.9072 | 0.9483 | 0.8902 | 0.8360 | F-SUB-Q | | | |
| | 3.1261 | 3.0164 | 3.2166 | 3.4525 | 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 | 1.3254 | 1.3791 | 1.7046 | 1.4597 | 1.8449 | 1.5906 | 1.9248 | 0.8950 |
| | 2.2140 | 2.1148 | 1.7010 | 1.9730 | 1.5682 | 1.8197 | 1.5091 | 2.8906 |
| 9 | 1.3791 | 1.7471 | 1.4070 | 1.8280 | 1.5140 | 1.8061 | 1.9756 | 0.9356 |
| | 2.1148 | 1.6742 | 2.0577 | 1.6041 | 1.9272 | 1.6149 | 1.4855 | 2.7878 |
| 10 | 1.7046 | 1.4050 | 1.5836 | 1.6694 | 1.9375 | 1.7613 | 1.9802 | 0.8803 |
| | 1.7010 | 2.0632 | 1.8552 | 1.7659 | 1.5434 | 1.6810 | 1.4959 | 2.9773 |
| 11 | 1.4597 | 1.8228 | 1.6634 | 1.8762 | 1.7390 | 2.0305 | 1.9659 | 0.8254 |
| | 1.9730 | 1.6081 | 1.7720 | 1.5875 | 1.7204 | 1.4789 | 1.5233 | 3.2292 |
| 12 | 1.8449 | 1.5117 | 1.9351 | 1.7376 | 1.6811 | 1.9259 | 1.1299 | |
| | 1.5682 | 1.9299 | 1.5452 | 1.7217 | 1.8000 | 1.5663 | 2.3903 | |
| 13 | 1.5906 | 1.8044 | 1.7586 | 2.0279 | 1.9239 | 1.1958 | 0.6208 | |
| | 1.8197 | 1.6162 | 1.6834 | 1.4807 | 1.5679 | 2.5119 | 4.3742 | |
| 14 | 1.9248 | 1.9736 | 1.9778 | 1.9632 | 1.1291 | 0.6019 | | |
| | 1.5091 | 1.4869 | 1.4976 | 1.5253 | 2.3917 | 4.4667 | | |
| 15 | 0.8950 | 0.9352 | 0.8791 | 0.8241 | F-SUB-Q | | | |
| | 2.8906 | 2.7888 | 2.9805 | 3.2337 | 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 | 1.2997 | 1.3517 | 1.6720 | 1.4320 | 1.8141 | 1.5661 | 1.8988 | 0.8816 |
| | 2.0738 | 1.9637 | 1.5802 | 1.8403 | 1.4605 | 1.6946 | 1.4024 | 2.6954 |
| 9 | 1.3517 | 1.7154 | 1.3795 | 1.7971 | 1.4862 | 1.7804 | 1.9497 | 0.9234 |
| | 1.9637 | 1.5481 | 1.9136 | 1.4883 | 1.7928 | 1.5003 | 1.3762 | 2.5927 |
| 10 | 1.6720 | 1.3775 | 1.5547 | 1.6409 | 1.9094 | 1.7353 | 1.9547 | 0.8679 |
| | 1.5802 | 1.9188 | 1.7204 | 1.6355 | 1.4349 | 1.5558 | 1.3817 | 2.7622 |
| 11 | 1.4320 | 1.7919 | 1.6348 | 1.8465 | 1.7107 | 2.0030 | 1.9416 | 0.8158 |
| | 1.8403 | 1.4924 | 1.6413 | 1.4770 | 1.6081 | 1.3766 | 1.4100 | 2.9742 |
| 12 | 1.8141 | 1.4838 | 1.9069 | 1.7093 | 1.6548 | 1.9011 | 1.1167 | |
| | 1.4605 | 1.7954 | 1.4366 | 1.6093 | 1.6963 | 1.4710 | 2.2296 | |
| 13 | 1.5661 | 1.7787 | 1.7325 | 2.0004 | 1.8990 | 1.1798 | 0.6122 | |
| | 1.6946 | 1.5016 | 1.5581 | 1.3782 | 1.4726 | 2.3639 | 4.1214 | |
| 14 | 1.8988 | 1.9476 | 1.9521 | 1.9388 | 1.1158 | 0.5934 | | |
| | 1.4024 | 1.3776 | 1.3834 | 1.4119 | 2.2311 | 4.2099 | | |
| 15 | 0.8816 | 0.9230 | 0.8667 | 0.8144 | F-SUB-Q | | | |
| | 2.6954 | 2.5937 | 2.7653 | 2.9786 | 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 | 1.2632 | 1.3134 | 1.6194 | 1.3933 | 1.7611 | 1.5279 | 1.8486 | 0.8692 |
| | 2.0906 | 1.9973 | 1.6215 | 1.8851 | 1.4998 | 1.7333 | 1.4368 | 2.7335 |
| 9 | 1.3134 | 1.6639 | 1.3408 | 1.7454 | 1.4466 | 1.7371 | 1.8991 | 0.9106 |
| | 1.9973 | 1.5815 | 1.9576 | 1.5233 | 1.8334 | 1.5328 | 1.4062 | 2.6266 |
| 10 | 1.6194 | 1.3388 | 1.5123 | 1.5971 | 1.8581 | 1.6926 | 1.9041 | 0.8545 |
| | 1.6215 | 1.9588 | 1.7560 | 1.6682 | 1.4554 | 1.5847 | 1.4087 | 2.7901 |
| 11 | 1.3933 | 1.7403 | 1.5911 | 1.7953 | 1.6660 | 1.9501 | 1.8929 | 0.8041 |
| | 1.8851 | 1.5276 | 1.6742 | 1.5009 | 1.6263 | 1.3922 | 1.4284 | 2.9954 |
| 12 | 1.7611 | 1.4442 | 1.8556 | 1.6647 | 1.6129 | 1.8535 | 1.1041 | |
| | 1.4998 | 1.8363 | 1.4573 | 1.6275 | 1.7030 | 1.4754 | 2.2146 | |
| 13 | 1.5279 | 1.7353 | 1.6897 | 1.9475 | 1.8514 | 1.1592 | 0.6038 | |
| | 1.7333 | 1.5343 | 1.5873 | 1.3939 | 1.4771 | 2.3556 | 4.0884 | |
| 14 | 1.8486 | 1.8969 | 1.9015 | 1.8901 | 1.1031 | 0.5855 | | |
| | 1.4368 | 1.4077 | 1.4105 | 1.4304 | 2.2164 | 4.1747 | | |
| 15 | 0.8692 | 0.9102 | 0.8535 | 0.8028 | F-SUB-Q | | | |
| | 2.7335 | 2.6277 | 2.7933 | 2.9999 | 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 | 1.2403 | 1.2887 | 1.5997 | 1.3663 | 1.7444 | 1.5066 | 1.8376 | 0.8392 |
| | 1.9628 | 1.8879 | 1.5262 | 1.7903 | 1.4101 | 1.6380 | 1.3464 | 2.6401 |
| 9 | 1.2887 | 1.6458 | 1.3158 | 1.7270 | 1.4194 | 1.7179 | 1.8883 | 0.8789 |
| | 1.8879 | 1.4844 | 1.8514 | 1.4314 | 1.7375 | 1.4432 | 1.3152 | 2.5387 |
| 10 | 1.5997 | 1.3137 | 1.4869 | 1.5736 | 1.8433 | 1.6715 | 1.8935 | 0.8275 |
| | 1.5262 | 1.8541 | 1.6591 | 1.5728 | 1.3582 | 1.4911 | 1.3155 | 2.6854 |
| 11 | 1.3663 | 1.7218 | 1.5676 | 1.7779 | 1.6419 | 1.9376 | 1.8824 | 0.7753 |
| | 1.7903 | 1.4356 | 1.5786 | 1.4041 | 1.5263 | 1.2947 | 1.3292 | 2.8862 |
| 12 | 1.7444 | 1.4170 | 1.8407 | 1.6406 | 1.5897 | 1.8395 | 1.0665 | |
| | 1.4101 | 1.7401 | 1.3600 | 1.5274 | 1.5862 | 1.3683 | 2.1163 | |
| 13 | 1.5066 | 1.7160 | 1.6685 | 1.9350 | 1.8373 | 1.1288 | 0.5813 | |
| | 1.6380 | 1.4447 | 1.4936 | 1.2964 | 1.3698 | 2.2209 | 3.9121 | |
| 14 | 1.8376 | 1.8861 | 1.8908 | 1.8795 | 1.0656 | 0.5626 | | |
| | 1.3464 | 1.3167 | 1.3173 | 1.3311 | 2.1177 | 4.0023 | | |
| 15 | 0.8392 | 0.8785 | 0.8263 | 0.7740 | F-SUB-Q | | | |
| | 2.6401 | 2.5398 | 2.6892 | 2.8908 | 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 | 1.2007 | 1.2460 | 1.5452 | 1.3211 | 1.6895 | 1.4617 | 1.7833 | 0.8109 |
| | 1.8978 | 1.8328 | 1.4849 | 1.7419 | 1.3691 | 1.5884 | 1.3046 | 2.5747 |
| 9 | 1.2460 | 1.5941 | 1.2725 | 1.6731 | 1.3735 | 1.6690 | 1.8336 | 0.8496 |
| | 1.8328 | 1.4391 | 1.7985 | 1.3882 | 1.6878 | 1.3965 | 1.2723 | 2.4744 |
| 10 | 1.5452 | 1.2705 | 1.4409 | 1.5250 | 1.7876 | 1.6227 | 1.8384 | 0.8000 |
| | 1.4849 | 1.8012 | 1.6081 | 1.5241 | 1.3122 | 1.4420 | 1.2716 | 2.6131 |
| 11 | 1.3211 | 1.6680 | 1.5190 | 1.7236 | 1.5914 | 1.8798 | 1.8275 | 0.7491 |
| | 1.7419 | 1.3923 | 1.5299 | 1.3580 | 1.4750 | 1.2488 | 1.2822 | 2.8066 |
| 12 | 1.6895 | 1.3711 | 1.7850 | 1.5902 | 1.5415 | 1.7847 | 1.0317 | |
| | 1.3691 | 1.6904 | 1.3140 | 1.4761 | 1.5262 | 1.3168 | 2.0472 | |
| 13 | 1.4617 | 1.6672 | 1.6196 | 1.8772 | 1.7826 | 1.0922 | 0.5611 | |
| | 1.5884 | 1.3980 | 1.4446 | 1.2504 | 1.3183 | 2.1421 | 3.7921 | |
| 14 | 1.7833 | 1.8313 | 1.8357 | 1.8246 | 1.0308 | 0.5428 | | |
| | 1.3046 | 1.2737 | 1.2734 | 1.2841 | 2.0486 | 3.8812 | | |
| 15 | 0.8109 | 0.8492 | 0.7988 | 0.7478 | F-SUB-Q | | | |
| | 2.5747 | 2.4755 | 2.6169 | 2.8112 | 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 | 1.1416 | 1.1826 | 1.4499 | 1.2544 | 1.5894 | 1.3887 | 1.6768 | 0.7824 |
| | 1.8937 | 1.8333 | 1.5026 | 1.7429 | 1.3819 | 1.5879 | 1.3165 | 2.5399 |
| 9 | 1.1826 | 1.5029 | 1.2080 | 1.5774 | 1.3054 | 1.5845 | 1.7257 | 0.8201 |
| | 1.8333 | 1.4491 | 1.7991 | 1.3977 | 1.6863 | 1.3963 | 1.2824 | 2.4387 |
| 10 | 1.4499 | 1.2061 | 1.3709 | 1.4468 | 1.6827 | 1.5407 | 1.7296 | 0.7700 |
| | 1.5026 | 1.8017 | 1.6041 | 1.5241 | 1.3208 | 1.4405 | 1.2815 | 2.5801 |
| 11 | 1.2544 | 1.5725 | 1.4411 | 1.6253 | 1.5099 | 1.7677 | 1.7188 | 0.7233 |
| | 1.7429 | 1.4019 | 1.5299 | 1.3652 | 1.4728 | 1.2569 | 1.2908 | 2.7609 |
| 12 | 1.5894 | 1.3032 | 1.6803 | 1.5087 | 1.4639 | 1.6803 | 0.9969 | |
| | 1.3819 | 1.6890 | 1.3226 | 1.4739 | 1.5206 | 1.3226 | 2.0069 | |
| 13 | 1.3887 | 1.5827 | 1.5378 | 1.7651 | 1.6782 | 1.0459 | 0.5419 | |
| | 1.5879 | 1.3977 | 1.4431 | 1.2586 | 1.3242 | 2.1165 | 3.7223 | |
| 14 | 1.6768 | 1.7236 | 1.7270 | 1.7162 | 0.9959 | 0.5250 | | |
| | 1.3165 | 1.2839 | 1.2833 | 1.2927 | 2.0088 | 3.8042 | | |
| 15 | 0.7824 | 0.8197 | 0.7690 | 0.7221 | F-SUB-Q | | | |
| | 2.5399 | 2.4398 | 2.5834 | 2.7654 | 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 | 1.0893 | 1.1258 | 1.3748 | 1.1923 | 1.5076 | 1.3213 | 1.5873 | 0.7303 |
| | 1.9035 | 1.8467 | 1.5194 | 1.7579 | 1.3967 | 1.5999 | 1.3325 | 2.6118 |
| 9 | 1.1258 | 1.4305 | 1.1505 | 1.4996 | 1.2422 | 1.5087 | 1.6345 | 0.7652 |
| | 1.8467 | 1.4597 | 1.8115 | 1.4089 | 1.6983 | 1.4051 | 1.2968 | 2.5099 |
| 10 | 1.3748 | 1.1488 | 1.3099 | 1.3792 | 1.5962 | 1.4668 | 1.6374 | 0.7197 |
| | 1.5194 | 1.8141 | 1.6089 | 1.5316 | 1.3333 | 1.4490 | 1.2962 | 2.6498 |
| 11 | 1.1923 | 1.4951 | 1.3738 | 1.5446 | 1.4377 | 1.6734 | 1.6244 | 0.6737 |
| | 1.7579 | 1.4131 | 1.5375 | 1.3757 | 1.4804 | 1.2699 | 1.3069 | 2.8446 |
| 12 | 1.5076 | 1.2403 | 1.5940 | 1.4366 | 1.3942 | 1.5876 | 0.9273 | |
| | 1.3967 | 1.7008 | 1.3351 | 1.4815 | 1.5277 | 1.3388 | 2.0663 | |
| 13 | 1.3213 | 1.5070 | 1.4640 | 1.6711 | 1.5856 | 0.9794 | 0.5050 | |
| | 1.5999 | 1.4065 | 1.4516 | 1.2717 | 1.3404 | 2.1639 | 3.8300 | |
| 14 | 1.5873 | 1.6324 | 1.6350 | 1.6219 | 0.9263 | 0.4887 | | |
| | 1.3325 | 1.2984 | 1.2981 | 1.3088 | 2.0682 | 3.9196 | | |
| 15 | 0.7303 | 0.7648 | 0.7186 | 0.6724 | F-SUB-Q | | | |
| | 2.6118 | 2.5111 | 2.6537 | 2.8493 | 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 | 0.9905 | 1.0318 | 1.2468 | 1.0938 | 1.3519 | 1.1996 | 1.4174 | 0.6682 |
| | 2.0275 | 1.9504 | 1.6209 | 1.8541 | 1.5068 | 1.7048 | 1.4441 | 2.7674 |
| 9 | 1.0318 | 1.2912 | 1.0555 | 1.3576 | 1.1405 | 1.3625 | 1.4565 | 0.6983 |
| | 1.9504 | 1.5653 | 1.9121 | 1.5051 | 1.7892 | 1.5046 | 1.4074 | 2.6659 |
| 10 | 1.2468 | 1.0534 | 1.1950 | 1.2623 | 1.4329 | 1.3272 | 1.4571 | 0.6560 |
| | 1.6209 | 1.9148 | 1.7057 | 1.6179 | 1.4355 | 1.5480 | 1.4083 | 2.8175 |
| 11 | 1.0938 | 1.3536 | 1.2575 | 1.3964 | 1.3119 | 1.4908 | 1.4483 | 0.6105 |
| | 1.8541 | 1.5094 | 1.6239 | 1.4707 | 1.5673 | 1.3769 | 1.4167 | 3.0422 |
| 12 | 1.3519 | 1.1389 | 1.4309 | 1.3109 | 1.2629 | 1.4177 | 0.8451 | |
| | 1.5068 | 1.7917 | 1.4374 | 1.5684 | 1.6298 | 1.4486 | 2.1941 | |
| 13 | 1.1996 | 1.3611 | 1.3247 | 1.4888 | 1.4161 | 0.8845 | 0.4604 | |
| | 1.7048 | 1.5060 | 1.5507 | 1.3788 | 1.4503 | 2.3181 | 4.0722 | |
| 14 | 1.4174 | 1.4547 | 1.4549 | 1.4461 | 0.8438 | 0.4452 | | |
| | 1.4441 | 1.4091 | 1.4103 | 1.4187 | 2.1972 | 4.1703 | | |
| 15 | 0.6682 | 0.6980 | 0.6550 | 0.6094 | F-SUB-Q | | | |
| | 2.7674 | 2.6670 | 2.8215 | 3.0472 | 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 | 0.7890 | 0.8460 | 1.1192 | 0.8959 | 1.1712 | 0.9567 | 1.2063 | 0.5534 |
| | 2.4858 | 2.3225 | 1.7608 | 2.2087 | 1.6945 | 2.0850 | 1.6547 | 3.2657 |
| 9 | 0.8460 | 1.1096 | 0.8679 | 1.1648 | 0.9367 | 1.0823 | 1.2291 | 0.5764 |
| | 2.3225 | 1.7743 | 2.2728 | 1.7056 | 2.1237 | 1.8460 | 1.6264 | 3.1564 |
| 10 | 1.1192 | 0.8658 | 0.9600 | 1.0354 | 1.2236 | 1.0588 | 1.2220 | 0.5349 |
| | 1.7608 | 2.2774 | 2.0711 | 1.9229 | 1.6350 | 1.8911 | 1.6370 | 3.3770 |
| 11 | 0.8959 | 1.1612 | 1.0319 | 1.2108 | 1.0683 | 1.2513 | 1.1773 | 0.4953 |
| | 2.2087 | 1.7108 | 1.9295 | 1.6533 | 1.8743 | 1.5986 | 1.6986 | 3.6651 |
| 12 | 1.1712 | 0.9353 | 1.2218 | 1.0676 | 0.9853 | 1.1827 | 0.6979 | |
| | 1.6945 | 2.1266 | 1.6373 | 1.8755 | 2.0353 | 1.6923 | 2.5942 | |
| 13 | 0.9567 | 1.0812 | 1.0571 | 1.2498 | 1.1816 | 0.7102 | 0.3773 | |
| | 2.0850 | 1.8477 | 1.8942 | 1.6005 | 1.6939 | 2.8185 | 4.8606 | |
| 14 | 1.2063 | 1.2279 | 1.2205 | 1.1756 | 0.6964 | 0.3651 | | |
| | 1.6547 | 1.6280 | 1.6390 | 1.7010 | 2.5996 | 4.9735 | | |
| 15 | 0.5534 | 0.5762 | 0.5342 | 0.4945 | F-SUB-Q | | | |
| | 3.2657 | 3.1576 | 3.3815 | 3.6708 | 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 | 0.3380 | 0.3661 | 0.4446 | 0.3895 | 0.4638 | 0.3917 | 0.4399 | 0.2311 |
| | 5.6916 | 5.2622 | 4.3409 | 4.9794 | 4.1877 | 4.9859 | 4.4431 | 7.6769 |
| 9 | 0.3661 | 0.4291 | 0.3777 | 0.4650 | 0.4079 | 0.4182 | 0.4458 | 0.2378 |
| | 5.2622 | 4.4924 | 5.1216 | 4.1810 | 4.7761 | 4.6743 | 4.3895 | 7.5075 |
| 10 | 0.4446 | 0.3768 | 0.3857 | 0.4305 | 0.4846 | 0.4208 | 0.4423 | 0.2244 |
| | 4.3409 | 5.1327 | 5.0459 | 4.5274 | 4.0329 | 4.6517 | 4.4270 | 7.9014 |
| 11 | 0.3895 | 0.4637 | 0.4293 | 0.4808 | 0.4285 | 0.4806 | 0.4218 | 0.2031 |
| | 4.9794 | 4.1925 | 4.5406 | 4.0660 | 4.5671 | 4.0742 | 4.6449 | 8.7736 |
| 12 | 0.4638 | 0.4073 | 0.4839 | 0.4282 | 0.3841 | 0.4299 | 0.2895 | |
| | 4.1877 | 4.7832 | 4.0390 | 4.5704 | 5.1055 | 4.5606 | 6.1332 | |
| 13 | 0.3917 | 0.4178 | 0.4202 | 0.4800 | 0.4295 | 0.3018 | 0.1583 | |
| | 4.9859 | 4.6783 | 4.6587 | 4.0790 | 4.5649 | 6.5012 | *11.3785 | |
| 14 | 0.4399 | 0.4453 | 0.4417 | 0.4212 | 0.2889 | 0.1557 | | |
| | 4.4431 | 4.3937 | 4.4323 | 4.6515 | 6.1461 | *11.4565 | | |
| 15 | 0.2311 | 0.2378 | 0.2241 | 0.2028 | F-SUB-Q | | | |
| | 7.6769 | 7.5103 | 7.9098 | 8.7867 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3184 | 0.4051 | 0.5071 | 0.4615 | 0.5285 | 0.4494 | 0.4807 | 0.2703 |
| | 5.1523 | 5.0262 | 4.0727 | 4.3657 | 3.8898 | 4.5022 | 4.3444 | 6.8955 |
| 9 | 0.4051 | 0.4749 | 0.4421 | 0.5250 | 0.4705 | 0.4620 | 0.4816 | 0.2775 |
| | 5.0262 | 4.4063 | 4.6047 | 3.9292 | 4.2817 | 4.4007 | 4.3301 | 6.7616 |
| 10 | 0.5071 | 0.4415 | 0.4452 | 0.4815 | 0.5199 | 0.4553 | 0.4642 | 0.2545 |
| | 4.0727 | 4.6124 | 4.6115 | 4.2414 | 3.9591 | 4.3784 | 4.4073 | 7.1637 |
| 11 | 0.4615 | 0.5242 | 0.4805 | 0.4990 | 0.4353 | 0.4649 | 0.4232 | 0.2248 |
| | 4.3657 | 3.9327 | 4.2482 | 4.1811 | 4.5169 | 4.3420 | 4.8104 | 8.1143 |
| 12 | 0.5285 | 0.4701 | 0.5194 | 0.4350 | 0.3263 | 0.3641 | 0.2773 | |
| | 3.8898 | 4.2860 | 3.9631 | 4.5194 | 4.8904 | 4.7079 | 6.1892 | |
| 13 | 0.4494 | 0.4618 | 0.4550 | 0.4646 | 0.3638 | 0.2383 | 0.1520 | |
| | 4.5022 | 4.4022 | 4.3811 | 4.3443 | 4.7104 | 6.3347 | *10.3647 | |
| 14 | 0.4807 | 0.4815 | 0.4640 | 0.4229 | 0.2770 | 0.1479 | | |
| | 4.3444 | 4.3315 | 4.4092 | 4.8132 | 6.1960 | *10.5445 | | |
| 15 | 0.2703 | 0.2775 | 0.2544 | 0.2246 | F-SUB-Q | | | |
| | 6.8955 | 6.7623 | 7.1667 | 8.1197 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.6773 | 0.8637 | 1.1362 | 0.9787 | 1.1855 | 0.9847 | 1.1591 | 0.6146 |
| | 2.5782 | 2.4251 | 1.8689 | 2.1212 | 1.7872 | 2.1105 | 1.8546 | 3.1255 |
| 9 | 0.8637 | 1.0884 | 0.9386 | 1.1791 | 0.9946 | 1.0704 | 1.1626 | 0.6304 |
| | 2.4251 | 1.9631 | 2.2248 | 1.8029 | 2.0865 | 1.9479 | 1.8324 | 3.0486 |
| 10 | 1.1362 | 0.9372 | 1.0045 | 1.0467 | 1.1629 | 1.0384 | 1.1252 | 0.5752 |
| | 1.8689 | 2.2288 | 2.0975 | 2.0025 | 1.8228 | 1.9806 | 1.8710 | 3.2554 |
| 11 | 0.9787 | 1.1773 | 1.0445 | 1.1162 | 0.9818 | 1.0672 | 1.0240 | 0.5179 |
| | 2.1212 | 1.8050 | 2.0058 | 1.9012 | 2.0319 | 1.9300 | 2.0431 | 3.6291 |
| 12 | 1.1855 | 0.9937 | 1.1617 | 0.9811 | 0.7413 | 0.8834 | 0.6259 | |
| | 1.7872 | 2.0885 | 1.8245 | 2.0331 | 2.1598 | 1.9876 | 2.8028 | |
| 13 | 0.9847 | 1.0701 | 1.0378 | 1.0666 | 0.8827 | 0.5200 | 0.3452 | |
| | 2.1105 | 1.9484 | 1.9816 | 1.9309 | 1.9886 | 2.9810 | 4.6715 | |
| 14 | 1.1591 | 1.1624 | 1.1247 | 1.0234 | 0.6251 | 0.3356 | | |
| | 1.8546 | 1.8328 | 1.8717 | 2.0443 | 2.8061 | 4.7573 | | |
| 15 | 0.6146 | 0.6303 | 0.5750 | 0.5176 | F-SUB-Q | | | |
| | 3.1255 | 3.0491 | 3.2567 | 3.6313 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8419 | 1.0502 | 1.3489 | 1.1923 | 1.4146 | 1.2061 | 1.3895 | 0.7535 |
| | 2.1787 | 2.0401 | 1.6077 | 1.7803 | 1.5302 | 1.7563 | 1.5546 | 2.5635 |
| 9 | 1.0502 | 1.2869 | 1.1397 | 1.3786 | 1.2044 | 1.3194 | 1.3958 | 0.7775 |
| | 2.0401 | 1.6918 | 1.8698 | 1.5723 | 1.7614 | 1.6059 | 1.5451 | 2.4984 |
| 10 | 1.3489 | 1.1378 | 1.2258 | 1.2670 | 1.3692 | 1.2727 | 1.3573 | 0.7140 |
| | 1.6077 | 1.8735 | 1.7356 | 1.6873 | 1.5843 | 1.6509 | 1.5816 | 2.6723 |
| 11 | 1.1923 | 1.3776 | 1.2644 | 1.2982 | 1.1957 | 1.2955 | 1.2534 | 0.6444 |
| | 1.7803 | 1.5738 | 1.6905 | 1.6591 | 1.7004 | 1.6194 | 1.7080 | 2.9812 |
| 12 | 1.4146 | 1.2033 | 1.3672 | 1.1949 | 0.9241 | 1.0826 | 0.7715 | |
| | 1.5302 | 1.7632 | 1.5866 | 1.7015 | 1.7699 | 1.6830 | 2.3199 | |
| 13 | 1.2061 | 1.3190 | 1.2721 | 1.2948 | 1.0818 | 0.6553 | 0.4249 | |
| | 1.7563 | 1.6063 | 1.6516 | 1.6202 | 1.6839 | 2.4316 | 3.8815 | |
| 14 | 1.3895 | 1.3956 | 1.3567 | 1.2527 | 0.7708 | 0.4158 | | |
| | 1.5546 | 1.5454 | 1.5823 | 1.7090 | 2.3216 | 3.9266 | | |
| 15 | 0.7535 | 0.7774 | 0.7137 | 0.6440 | F-SUB-Q | | | |
| | 2.5635 | 2.4986 | 2.6734 | 2.9829 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9306 | 1.1652 | 1.5397 | 1.3215 | 1.6135 | 1.3357 | 1.5917 | 0.8221 |
| | 2.0250 | 1.8874 | 1.4440 | 1.6464 | 1.3740 | 1.6217 | 1.3831 | 2.3942 |
| 9 | 1.1652 | 1.4660 | 1.2633 | 1.5692 | 1.3339 | 1.4781 | 1.5998 | 0.8486 |
| | 1.8874 | 1.5222 | 1.7294 | 1.4155 | 1.6299 | 1.4640 | 1.3754 | 2.3343 |
| 10 | 1.5397 | 1.2610 | 1.3583 | 1.4104 | 1.5556 | 1.4200 | 1.5589 | 0.7768 |
| | 1.4440 | 1.7331 | 1.6033 | 1.5535 | 1.4293 | 1.5156 | 1.4079 | 2.5124 |
| 11 | 1.3215 | 1.5672 | 1.4073 | 1.4754 | 1.3345 | 1.4880 | 1.4387 | 0.7043 |
| | 1.6464 | 1.4173 | 1.5566 | 1.4871 | 1.5591 | 1.4439 | 1.5188 | 2.7946 |
| 12 | 1.6135 | 1.3327 | 1.5531 | 1.3335 | 1.0247 | 1.2428 | 0.8437 | |
| | 1.3740 | 1.6316 | 1.4315 | 1.5602 | 1.6279 | 1.4998 | 2.1774 | |
| 13 | 1.3357 | 1.4777 | 1.4193 | 1.4871 | 1.2418 | 0.7308 | 0.4616 | |
| | 1.6217 | 1.4643 | 1.5163 | 1.4446 | 1.5006 | 2.2491 | 3.6795 | |
| 14 | 1.5917 | 1.5995 | 1.5583 | 1.4378 | 0.8427 | 0.4521 | | |
| | 1.3831 | 1.3756 | 1.4084 | 1.5197 | 2.1798 | 3.7198 | | |
| 15 | 0.8221 | 0.8485 | 0.7764 | 0.7039 | F-SUB-Q | | | |
| | 2.3942 | 2.3345 | 2.5135 | 2.7962 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9798 | 1.2233 | 1.6375 | 1.3834 | 1.7093 | 1.3919 | 1.6891 | 0.8591 |
| | 2.0058 | 1.8573 | 1.3994 | 1.6175 | 1.3329 | 1.5976 | 1.3393 | 2.3555 |
| 9 | 1.2233 | 1.5553 | 1.3236 | 1.6684 | 1.3951 | 1.5484 | 1.6983 | 0.8906 |
| | 1.8573 | 1.4826 | 1.7018 | 1.3712 | 1.6025 | 1.4374 | 1.3320 | 2.2873 |
| 10 | 1.6375 | 1.3211 | 1.4170 | 1.4822 | 1.6504 | 1.4857 | 1.6583 | 0.8140 |
| | 1.3994 | 1.7056 | 1.5856 | 1.5216 | 1.3859 | 1.4875 | 1.3586 | 2.4651 |
| 11 | 1.3834 | 1.6651 | 1.4789 | 1.5756 | 1.4062 | 1.5847 | 1.5373 | 0.7411 |
| | 1.6175 | 1.3729 | 1.5247 | 1.4347 | 1.5285 | 1.3989 | 1.4611 | 2.7258 |
| 12 | 1.7093 | 1.3938 | 1.6478 | 1.4051 | 1.0827 | 1.3304 | 0.8928 | |
| | 1.3329 | 1.6042 | 1.3881 | 1.5296 | 1.6041 | 1.4501 | 2.1298 | |
| 13 | 1.3919 | 1.5480 | 1.4850 | 1.5838 | 1.3294 | 0.7781 | 0.4869 | |
| | 1.5976 | 1.4377 | 1.4881 | 1.3996 | 1.4509 | 2.2009 | 3.6294 | |
| 14 | 1.6891 | 1.6980 | 1.6577 | 1.5364 | 0.8918 | 0.4768 | | |
| | 1.3393 | 1.3323 | 1.3592 | 1.4620 | 2.1319 | 3.6700 | | |
| 15 | 0.8591 | 0.8906 | 0.8137 | 0.7407 | F-SUB-Q | | | |
| | 2.3555 | 2.2875 | 2.4662 | 2.7273 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0160 | 1.2589 | 1.6904 | 1.4150 | 1.7564 | 1.4194 | 1.7357 | 0.8798 |
| | 2.0296 | 1.8758 | 1.4036 | 1.6351 | 1.3396 | 1.6111 | 1.3402 | 2.3664 |
| 9 | 1.2589 | 1.6059 | 1.3568 | 1.7224 | 1.4270 | 1.5812 | 1.7460 | 0.9141 |
| | 1.8758 | 1.4890 | 1.7189 | 1.3735 | 1.6211 | 1.4480 | 1.3322 | 2.2928 |
| 10 | 1.6904 | 1.3542 | 1.4485 | 1.5229 | 1.7035 | 1.5195 | 1.7093 | 0.8386 |
| | 1.4036 | 1.7228 | 1.6055 | 1.5343 | 1.3892 | 1.5055 | 1.3613 | 2.4672 |
| 11 | 1.4150 | 1.7189 | 1.5193 | 1.6346 | 1.4507 | 1.6425 | 1.5935 | 0.7643 |
| | 1.6351 | 1.3763 | 1.5375 | 1.4334 | 1.5400 | 1.4020 | 1.4662 | 2.7423 |
| 12 | 1.7564 | 1.4256 | 1.7014 | 1.4496 | 1.1268 | 1.3884 | 0.9308 | |
| | 1.3396 | 1.6229 | 1.3907 | 1.5410 | 1.6253 | 1.4569 | 2.1344 | |
| 13 | 1.4194 | 1.5807 | 1.5187 | 1.6415 | 1.3873 | 0.8173 | 0.5092 | |
| | 1.6111 | 1.4483 | 1.5062 | 1.4027 | 1.4577 | 2.2191 | 3.6633 | |
| 14 | 1.7357 | 1.7457 | 1.7087 | 1.5926 | 0.9303 | 0.4984 | | |
| | 1.3402 | 1.3325 | 1.3618 | 1.4671 | 2.1353 | 3.7060 | | |
| 15 | 0.8798 | 0.9140 | 0.8382 | 0.7639 | F-SUB-Q | | | |
| | 2.3664 | 2.2930 | 2.4683 | 2.7439 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0541 | 1.2962 | 1.7441 | 1.4425 | 1.8026 | 1.4430 | 1.7812 | 0.8881 |
| | 2.0599 | 1.8945 | 1.4265 | 1.6768 | 1.3628 | 1.6483 | 1.3564 | 2.4342 |
| 9 | 1.2962 | 1.6630 | 1.3875 | 1.7770 | 1.4557 | 1.6112 | 1.7931 | 0.9233 |
| | 1.8945 | 1.5137 | 1.7626 | 1.3929 | 1.6634 | 1.4791 | 1.3488 | 2.3583 |
| 10 | 1.7441 | 1.3848 | 1.4806 | 1.5627 | 1.7648 | 1.5530 | 1.7617 | 0.8461 |
| | 1.4265 | 1.7667 | 1.6484 | 1.5687 | 1.4082 | 1.5421 | 1.3804 | 2.5507 |
| 11 | 1.4425 | 1.7733 | 1.5590 | 1.7012 | 1.5000 | 1.7097 | 1.6549 | 0.7764 |
| | 1.6768 | 1.3958 | 1.5721 | 1.4360 | 1.5572 | 1.4082 | 1.4821 | 2.8335 |
| 12 | 1.8026 | 1.4544 | 1.7625 | 1.4990 | 1.1746 | 1.4612 | 0.9595 | |
| | 1.3628 | 1.6652 | 1.4100 | 1.5583 | 1.6568 | 1.4705 | 2.1837 | |
| 13 | 1.4430 | 1.6107 | 1.5522 | 1.7087 | 1.4601 | 0.8637 | 0.5290 | |
| | 1.6483 | 1.4795 | 1.5428 | 1.4089 | 1.4713 | 2.2688 | 3.7709 | |
| 14 | 1.7812 | 1.7927 | 1.7610 | 1.6539 | 0.9586 | 0.5171 | | |
| | 1.3564 | 1.3491 | 1.3810 | 1.4830 | 2.1854 | 3.8198 | | |
| 15 | 0.8881 | 0.9232 | 0.8457 | 0.7760 | F-SUB-Q | | | |
| | 2.4342 | 2.3585 | 2.5519 | 2.8351 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1344 | 1.3331 | 1.7803 | 1.4584 | 1.8286 | 1.4544 | 1.8051 | 0.8929 |
| | 2.1252 | 1.9541 | 1.4828 | 1.7522 | 1.4174 | 1.7190 | 1.4053 | 2.5412 |
| 9 | 1.3331 | 1.7084 | 1.4089 | 1.8112 | 1.4746 | 1.6269 | 1.8188 | 0.9292 |
| | 1.9541 | 1.5641 | 1.8414 | 1.4457 | 1.7388 | 1.5412 | 1.3977 | 2.4608 |
| 10 | 1.7803 | 1.4061 | 1.5034 | 1.5914 | 1.8092 | 1.5766 | 1.7947 | 0.8533 |
| | 1.4828 | 1.8457 | 1.7247 | 1.6354 | 1.4604 | 1.6097 | 1.4319 | 2.6659 |
| 11 | 1.4584 | 1.8074 | 1.5876 | 1.7582 | 1.5489 | 1.7698 | 1.7031 | 0.7875 |
| | 1.7522 | 1.4487 | 1.6391 | 1.4678 | 1.5998 | 1.4410 | 1.5163 | 2.9646 |
| 12 | 1.8286 | 1.4732 | 1.8072 | 1.5479 | 1.2670 | 1.5494 | 0.9947 | |
| | 1.4174 | 1.7407 | 1.4623 | 1.6009 | 1.7017 | 1.5017 | 2.2438 | |
| 13 | 1.4544 | 1.6263 | 1.5758 | 1.7688 | 1.5484 | 0.9448 | 0.5555 | |
| | 1.7190 | 1.5416 | 1.6106 | 1.4418 | 1.5025 | 2.3347 | 3.8836 | |
| 14 | 1.8051 | 1.8184 | 1.7939 | 1.7021 | 0.9940 | 0.5424 | | |
| | 1.4053 | 1.3980 | 1.4325 | 1.5173 | 2.2453 | 3.9380 | | |
| 15 | 0.8929 | 0.9291 | 0.8530 | 0.7870 | F-SUB-Q | | | |
| | 2.5412 | 2.4610 | 2.6671 | 2.9664 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2301 | 1.3724 | 1.8175 | 1.4727 | 1.8548 | 1.4644 | 1.8286 | 0.8939 |
| | 2.2230 | 2.0287 | 1.5556 | 1.8495 | 1.4874 | 1.8108 | 1.4698 | 2.6879 |
| 9 | 1.3724 | 1.7575 | 1.4294 | 1.8456 | 1.4928 | 1.6419 | 1.8453 | 0.9286 |
| | 2.0287 | 1.6128 | 1.9435 | 1.5143 | 1.8355 | 1.6210 | 1.4621 | 2.6085 |
| 10 | 1.8175 | 1.4266 | 1.5273 | 1.6194 | 1.8561 | 1.6004 | 1.8279 | 0.8564 |
| | 1.5556 | 1.9481 | 1.8172 | 1.7220 | 1.5064 | 1.6962 | 1.4991 | 2.8243 |
| 11 | 1.4727 | 1.8417 | 1.6155 | 1.8236 | 1.6066 | 1.8347 | 1.7527 | 0.7937 |
| | 1.8495 | 1.5176 | 1.7259 | 1.5179 | 1.6641 | 1.4923 | 1.5642 | 3.1463 |
| 12 | 1.8548 | 1.4913 | 1.8540 | 1.6057 | 1.4229 | 1.6788 | 1.0277 | |
| | 1.4874 | 1.8375 | 1.5080 | 1.6651 | 1.7753 | 1.5548 | 2.3471 | |
| 13 | 1.4644 | 1.6413 | 1.5995 | 1.8337 | 1.6778 | 1.0398 | 0.5821 | |
| | 1.8108 | 1.6215 | 1.6971 | 1.4930 | 1.5556 | 2.4379 | 4.0651 | |
| 14 | 1.8286 | 1.8446 | 1.8271 | 1.7516 | 1.0270 | 0.5679 | | |
| | 1.4698 | 1.4624 | 1.4998 | 1.5652 | 2.3485 | 4.1267 | | |
| 15 | 0.8939 | 0.9285 | 0.8560 | 0.7932 | F-SUB-Q | | | |
| | 2.6879 | 2.6088 | 2.8257 | 3.1484 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2834 | 1.3878 | 1.8132 | 1.4666 | 1.8403 | 1.4539 | 1.8117 | 0.8992 |
| | 2.3472 | 2.1438 | 1.6710 | 1.9936 | 1.6076 | 1.9491 | 1.5841 | 2.8560 |
| 9 | 1.3878 | 1.7646 | 1.4292 | 1.8373 | 1.4912 | 1.6308 | 1.8323 | 0.9367 |
| | 2.1438 | 1.7105 | 2.0846 | 1.6349 | 1.9763 | 1.7452 | 1.5757 | 2.7604 |
| 10 | 1.8132 | 1.4266 | 1.5285 | 1.6215 | 1.8609 | 1.5989 | 1.8195 | 0.8681 |
| | 1.6710 | 2.0895 | 1.9264 | 1.8250 | 1.5957 | 1.8044 | 1.6169 | 2.9832 |
| 11 | 1.4666 | 1.8333 | 1.6177 | 1.8432 | 1.6309 | 1.8521 | 1.7602 | 0.8070 |
| | 1.9936 | 1.6384 | 1.8288 | 1.6044 | 1.7588 | 1.5804 | 1.6555 | 3.2783 |
| 12 | 1.8403 | 1.4897 | 1.8588 | 1.6300 | 1.4963 | 1.7349 | 1.0647 | |
| | 1.6076 | 1.9785 | 1.5974 | 1.7599 | 1.8912 | 1.6581 | 2.4417 | |
| 13 | 1.4539 | 1.6301 | 1.5978 | 1.8511 | 1.7339 | 1.1036 | 0.6093 | |
| | 1.9491 | 1.7458 | 1.8058 | 1.5812 | 1.6591 | 2.5704 | 4.2527 | |
| 14 | 1.8117 | 1.8316 | 1.8187 | 1.7591 | 1.0642 | 0.5947 | | |
| | 1.5841 | 1.5761 | 1.6177 | 1.6565 | 2.4427 | 4.3148 | | |
| 15 | 0.8992 | 0.9366 | 0.8677 | 0.8064 | F-SUB-Q | | | |
| | 2.8560 | 2.7607 | 2.9846 | 3.2804 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3086 | 1.4108 | 1.8527 | 1.4804 | 1.8727 | 1.4652 | 1.8436 | 0.8917 |
| | 2.4720 | 2.2575 | 1.7441 | 2.1277 | 1.7007 | 2.0762 | 1.6701 | 3.0812 |
| 9 | 1.4108 | 1.8117 | 1.4468 | 1.8769 | 1.5061 | 1.6486 | 1.8679 | 0.9291 |
| | 2.2575 | 1.7824 | 2.1957 | 1.7104 | 2.0839 | 1.8540 | 1.6612 | 2.9834 |
| 10 | 1.8527 | 1.4443 | 1.5484 | 1.6465 | 1.9097 | 1.6200 | 1.8582 | 0.8597 |
| | 1.7441 | 2.2008 | 2.0276 | 1.9164 | 1.6590 | 1.8950 | 1.6859 | 3.2354 |
| 11 | 1.4804 | 1.8725 | 1.6423 | 1.8970 | 1.6662 | 1.9044 | 1.8080 | 0.8043 |
| | 2.1277 | 1.7143 | 1.9208 | 1.6683 | 1.8434 | 1.6450 | 1.7211 | 3.5020 |
| 12 | 1.8727 | 1.5046 | 1.9075 | 1.6654 | 1.5422 | 1.8023 | 1.0717 | |
| | 1.7007 | 2.0862 | 1.6608 | 1.8445 | 1.9791 | 1.7191 | 2.6006 | |
| 13 | 1.4652 | 1.6479 | 1.6189 | 1.9034 | 1.8013 | 1.1312 | 0.6163 | |
| | 2.0762 | 1.8546 | 1.8964 | 1.6459 | 1.7200 | 2.7152 | 4.5229 | |
| 14 | 1.8436 | 1.8672 | 1.8573 | 1.8069 | 1.0710 | 0.6004 | | |
| | 1.6701 | 1.6616 | 1.6867 | 1.7221 | 2.6021 | 4.5981 | | |
| 15 | 0.8917 | 0.9290 | 0.8593 | 0.8038 | F-SUB-Q | | | |
| | 3.0812 | 2.9837 | 3.2369 | 3.5044 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3159 | 1.4156 | 1.8605 | 1.4790 | 1.8755 | 1.4620 | 1.8460 | 0.8887 |
| | 2.5258 | 2.3001 | 1.7806 | 2.1918 | 1.7655 | 2.2183 | 1.7928 | 3.3190 |
| 9 | 1.4156 | 1.8230 | 1.4484 | 1.8839 | 1.5058 | 1.6472 | 1.8727 | 0.9272 |
| | 2.3001 | 1.8189 | 2.2429 | 1.7606 | 2.1567 | 1.9738 | 1.7730 | 3.2093 |
| 10 | 1.8605 | 1.4460 | 1.5502 | 1.6507 | 1.9220 | 1.6234 | 1.8650 | 0.8585 |
| | 1.7806 | 2.2475 | 2.0908 | 1.9817 | 1.7294 | 1.9925 | 1.7813 | 3.4543 |
| 11 | 1.4790 | 1.8792 | 1.6465 | 1.9120 | 1.6752 | 1.9188 | 1.8213 | 0.8055 |
| | 2.1918 | 1.7649 | 1.9863 | 1.7399 | 1.9288 | 1.7343 | 1.8262 | 3.7291 |
| 12 | 1.8755 | 1.5043 | 1.9198 | 1.6744 | 1.5545 | 1.8240 | 1.0798 | |
| | 1.7655 | 2.1592 | 1.7314 | 1.9300 | 2.0959 | 1.8252 | 2.7673 | |
| 13 | 1.4620 | 1.6464 | 1.6220 | 1.9178 | 1.8230 | 1.1444 | 0.6224 | |
| | 2.2183 | 1.9746 | 1.9942 | 1.7352 | 1.8262 | 2.8874 | 4.8114 | |
| 14 | 1.8460 | 1.8719 | 1.8641 | 1.8202 | 1.0792 | 0.6058 | | |
| | 1.7928 | 1.7738 | 1.7821 | 1.8273 | 2.7689 | 4.8954 | | |
| 15 | 0.8887 | 0.9271 | 0.8581 | 0.8049 | F-SUB-Q | | | |
| | 3.3190 | 3.2097 | 3.4561 | 3.7317 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3118 | 1.4060 | 1.8410 | 1.4644 | 1.8523 | 1.4463 | 1.8239 | 0.8894 |
| | 2.5033 | 2.2893 | 1.7778 | 2.1843 | 1.7637 | 2.2081 | 1.7905 | 3.2951 |
| 9 | 1.4060 | 1.8056 | 1.4361 | 1.8630 | 1.4922 | 1.6300 | 1.8515 | 0.9280 |
| | 2.2893 | 1.8164 | 2.2349 | 1.7595 | 2.1505 | 1.9671 | 1.7714 | 3.1782 |
| 10 | 1.8410 | 1.4340 | 1.5362 | 1.6377 | 1.9034 | 1.6083 | 1.8452 | 0.8632 |
| | 1.7778 | 2.2388 | 2.0864 | 1.9755 | 1.7295 | 1.9912 | 1.7803 | 3.3925 |
| 11 | 1.4644 | 1.8581 | 1.6337 | 1.8974 | 1.6641 | 1.9026 | 1.8062 | 0.8079 |
| | 2.1843 | 1.7638 | 1.9799 | 1.7383 | 1.9251 | 1.7346 | 1.8255 | 3.6783 |
| 12 | 1.8523 | 1.4907 | 1.9012 | 1.6633 | 1.5449 | 1.8123 | 1.0899 | |
| | 1.7637 | 2.1530 | 1.7315 | 1.9262 | 2.0954 | 1.8297 | 2.7227 | |
| 13 | 1.4463 | 1.6293 | 1.6068 | 1.9016 | 1.8113 | 1.1500 | 0.6281 | |
| | 2.2081 | 1.9680 | 1.9928 | 1.7356 | 1.8307 | 2.8719 | 4.7826 | |
| 14 | 1.8239 | 1.8507 | 1.8443 | 1.8050 | 1.0893 | 0.6116 | | |
| | 1.7905 | 1.7721 | 1.7813 | 1.8266 | 2.7239 | 4.8638 | | |
| 15 | 0.8894 | 0.9279 | 0.8627 | 0.8073 | F-SUB-Q | | | |
| | 3.2951 | 3.1786 | 3.3943 | 3.6810 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3105 | 1.4093 | 1.8615 | 1.4669 | 1.8700 | 1.4491 | 1.8447 | 0.8768 |
| | 2.4270 | 2.2117 | 1.7095 | 2.1167 | 1.7004 | 2.1383 | 1.7197 | 3.2171 |
| 9 | 1.4093 | 1.8272 | 1.4398 | 1.8848 | 1.4931 | 1.6373 | 1.8734 | 0.9151 |
| | 2.2117 | 1.7468 | 2.1615 | 1.6954 | 2.0922 | 1.9078 | 1.7090 | 3.1093 |
| 10 | 1.8615 | 1.4373 | 1.5393 | 1.6452 | 1.9279 | 1.6139 | 1.8675 | 0.8489 |
| | 1.7095 | 2.1658 | 2.0273 | 1.9193 | 1.6757 | 1.9403 | 1.7212 | 3.3374 |
| 11 | 1.4669 | 1.8798 | 1.6409 | 1.9204 | 1.6716 | 1.9253 | 1.8308 | 0.7972 |
| | 2.1167 | 1.6994 | 1.9238 | 1.6892 | 1.8828 | 1.6887 | 1.7707 | 3.6051 |
| 12 | 1.8700 | 1.4917 | 1.9256 | 1.6708 | 1.5520 | 1.8375 | 1.0774 | |
| | 1.7004 | 2.0945 | 1.6778 | 1.8838 | 2.0499 | 1.7744 | 2.6872 | |
| 13 | 1.4491 | 1.6365 | 1.6125 | 1.9243 | 1.8365 | 1.1458 | 0.6199 | |
| | 2.1383 | 1.9087 | 1.9418 | 1.6895 | 1.7753 | 2.8082 | 4.6672 | |
| 14 | 1.8447 | 1.8727 | 1.8666 | 1.8297 | 1.0769 | 0.6025 | | |
| | 1.7197 | 1.7095 | 1.7220 | 1.7717 | 2.6884 | 4.7549 | | |
| 15 | 0.8768 | 0.9149 | 0.8484 | 0.7965 | F-SUB-Q | | | |
| | 3.2171 | 3.1097 | 3.3390 | 3.6077 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3040 | 1.4031 | 1.8601 | 1.4592 | 1.8664 | 1.4420 | 1.8442 | 0.8685 |
| | 2.2341 | 2.0369 | 1.5698 | 1.9495 | 1.5632 | 1.9716 | 1.5826 | 2.9725 |
| 9 | 1.4031 | 1.8263 | 1.4330 | 1.8832 | 1.4843 | 1.6315 | 1.8733 | 0.9055 |
| | 2.0369 | 1.6020 | 1.9890 | 1.5593 | 1.9323 | 1.7569 | 1.5711 | 2.8743 |
| 10 | 1.8601 | 1.4305 | 1.5306 | 1.6395 | 1.9276 | 1.6063 | 1.8677 | 0.8408 |
| | 1.5698 | 1.9930 | 1.8713 | 1.7709 | 1.5403 | 1.7936 | 1.5834 | 3.0809 |
| 11 | 1.4592 | 1.8781 | 1.6351 | 1.9197 | 1.6654 | 1.9252 | 1.8332 | 0.7885 |
| | 1.9495 | 1.5628 | 1.7751 | 1.5489 | 1.7318 | 1.5479 | 1.6199 | 3.3454 |
| 12 | 1.8664 | 1.4828 | 1.9253 | 1.6647 | 1.5457 | 1.8393 | 1.0700 | |
| | 1.5632 | 1.9343 | 1.5420 | 1.7327 | 1.8857 | 1.6244 | 2.4773 | |
| 13 | 1.4420 | 1.6307 | 1.6048 | 1.9241 | 1.8383 | 1.1401 | 0.6143 | |
| | 1.9716 | 1.7576 | 1.7950 | 1.5487 | 1.6252 | 2.5871 | 4.3171 | |
| 14 | 1.8442 | 1.8725 | 1.8668 | 1.8320 | 1.0697 | 0.5965 | | |
| | 1.5826 | 1.5715 | 1.5841 | 1.6208 | 2.4779 | 4.4024 | | |
| 15 | 0.8685 | 0.9053 | 0.8404 | 0.7879 | F-SUB-Q | | | |
| | 2.9725 | 2.8747 | 3.0825 | 3.3478 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2925 | 1.3907 | 1.8458 | 1.4449 | 1.8507 | 1.4286 | 1.8311 | 0.8613 |
| | 2.0629 | 1.8786 | 1.4480 | 1.8039 | 1.4439 | 1.8262 | 1.4622 | 2.7535 |
| 9 | 1.3907 | 1.8130 | 1.4197 | 1.8680 | 1.4695 | 1.6184 | 1.8604 | 0.9005 |
| | 1.8786 | 1.4758 | 1.8385 | 1.4402 | 1.7883 | 1.6235 | 1.4490 | 2.6539 |
| 10 | 1.8458 | 1.4171 | 1.5160 | 1.6256 | 1.9127 | 1.5908 | 1.8549 | 0.8351 |
| | 1.4480 | 1.8422 | 1.7289 | 1.6346 | 1.4226 | 1.6569 | 1.4593 | 2.8432 |
| 11 | 1.4449 | 1.8629 | 1.6214 | 1.9060 | 1.6509 | 1.9119 | 1.8216 | 0.7850 |
| | 1.8039 | 1.4438 | 1.6385 | 1.4320 | 1.6037 | 1.4302 | 1.4941 | 3.0749 |
| 12 | 1.8507 | 1.4680 | 1.9104 | 1.6503 | 1.5318 | 1.8273 | 1.0650 | |
| | 1.4439 | 1.7901 | 1.4244 | 1.6044 | 1.7510 | 1.5046 | 2.2871 | |
| 13 | 1.4286 | 1.6175 | 1.5893 | 1.9109 | 1.8263 | 1.1331 | 0.6103 | |
| | 1.8262 | 1.6242 | 1.6582 | 1.4308 | 1.5054 | 2.3997 | 4.0050 | |
| 14 | 1.8311 | 1.8596 | 1.8540 | 1.8205 | 1.0645 | 0.5924 | | |
| | 1.4622 | 1.4498 | 1.4599 | 1.4949 | 2.2879 | 4.0850 | | |
| 15 | 0.8613 | 0.9004 | 0.8347 | 0.7844 | F-SUB-Q | | | |
| | 2.7535 | 2.6543 | 2.8446 | 3.0771 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2795 | 1.3707 | 1.8131 | 1.4222 | 1.8172 | 1.4082 | 1.8000 | 0.8578 |
| | 2.0706 | 1.9007 | 1.4688 | 1.8289 | 1.4671 | 1.8515 | 1.4852 | 2.7675 |
| 9 | 1.3707 | 1.7808 | 1.3981 | 1.8331 | 1.4508 | 1.5947 | 1.8297 | 0.8968 |
| | 1.9007 | 1.4974 | 1.8616 | 1.4630 | 1.8105 | 1.6447 | 1.4685 | 2.6644 |
| 10 | 1.8131 | 1.3960 | 1.4928 | 1.6014 | 1.8775 | 1.5650 | 1.8242 | 0.8344 |
| | 1.4688 | 1.8648 | 1.7530 | 1.6554 | 1.4445 | 1.6788 | 1.4781 | 2.8391 |
| 11 | 1.4222 | 1.8280 | 1.5971 | 1.8724 | 1.6258 | 1.8808 | 1.7922 | 0.7814 |
| | 1.8289 | 1.4666 | 1.6591 | 1.4508 | 1.6207 | 1.4454 | 1.5106 | 3.0819 |
| 12 | 1.8172 | 1.4484 | 1.8752 | 1.6252 | 1.5080 | 1.7969 | 1.0640 | |
| | 1.4671 | 1.8131 | 1.4461 | 1.6214 | 1.7641 | 1.5158 | 2.2731 | |
| 13 | 1.4082 | 1.5938 | 1.5634 | 1.8798 | 1.7959 | 1.1252 | 0.6082 | |
| | 1.8515 | 1.6455 | 1.6803 | 1.4461 | 1.5166 | 2.3917 | 3.9859 | |
| 14 | 1.8000 | 1.8288 | 1.8233 | 1.7910 | 1.0633 | 0.5907 | | |
| | 1.4852 | 1.4691 | 1.4788 | 1.5114 | 2.2742 | 4.0638 | | |
| 15 | 0.8578 | 0.8966 | 0.8339 | 0.7807 | F-SUB-Q | | | |
| | 2.7675 | 2.6648 | 2.8406 | 3.0841 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2657 | 1.3615 | 1.8178 | 1.4132 | 1.8215 | 1.4016 | 1.8093 | 0.8378 |
| | 1.9431 | 1.7790 | 1.3641 | 1.7166 | 1.3648 | 1.7362 | 1.3784 | 2.6443 |
| 9 | 1.3615 | 1.7865 | 1.3892 | 1.8385 | 1.4358 | 1.5924 | 1.8394 | 0.8752 |
| | 1.7790 | 1.3875 | 1.7452 | 1.3589 | 1.7005 | 1.5365 | 1.3611 | 2.5500 |
| 10 | 1.8178 | 1.3866 | 1.4830 | 1.5948 | 1.8841 | 1.5589 | 1.8337 | 0.8125 |
| | 1.3641 | 1.7488 | 1.6420 | 1.5469 | 1.3390 | 1.5690 | 1.3683 | 2.7193 |
| 11 | 1.4132 | 1.8332 | 1.5905 | 1.8765 | 1.6184 | 1.8884 | 1.8023 | 0.7618 |
| | 1.7166 | 1.3625 | 1.5508 | 1.3470 | 1.5149 | 1.3384 | 1.3961 | 2.9414 |
| 12 | 1.8215 | 1.4344 | 1.8817 | 1.6178 | 1.5016 | 1.8053 | 1.0392 | |
| | 1.3648 | 1.7023 | 1.3406 | 1.5156 | 1.6434 | 1.4012 | 2.1651 | |
| 13 | 1.4016 | 1.5914 | 1.5573 | 1.8874 | 1.8043 | 1.1080 | 0.5924 | |
| | 1.7362 | 1.5372 | 1.5704 | 1.3390 | 1.4020 | 2.2548 | 3.8081 | |
| 14 | 1.8093 | 1.8385 | 1.8327 | 1.8011 | 1.0390 | 0.5742 | | |
| | 1.3784 | 1.3616 | 1.3690 | 1.3969 | 2.1654 | 3.8901 | | |
| 15 | 0.8378 | 0.8750 | 0.8120 | 0.7611 | F-SUB-Q | | | |
| | 2.6443 | 2.5504 | 2.7208 | 2.9437 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2427 | 1.3355 | 1.7845 | 1.3858 | 1.7891 | 1.3779 | 1.7808 | 0.8209 |
| | 1.8575 | 1.7062 | 1.3074 | 1.6494 | 1.3084 | 1.6645 | 1.3188 | 2.5461 |
| 9 | 1.3355 | 1.7547 | 1.3623 | 1.8040 | 1.4079 | 1.5675 | 1.8113 | 0.8579 |
| | 1.7062 | 1.3279 | 1.6758 | 1.3032 | 1.6329 | 1.4700 | 1.3005 | 2.4539 |
| 10 | 1.7845 | 1.3597 | 1.4557 | 1.5661 | 1.8495 | 1.5313 | 1.8055 | 0.7964 |
| | 1.3074 | 1.6793 | 1.5745 | 1.4820 | 1.2816 | 1.5019 | 1.3065 | 2.6145 |
| 11 | 1.3858 | 1.7987 | 1.5617 | 1.8422 | 1.5890 | 1.8590 | 1.7744 | 0.7464 |
| | 1.6494 | 1.3068 | 1.4858 | 1.2882 | 1.4487 | 1.2755 | 1.3306 | 2.8252 |
| 12 | 1.7891 | 1.4065 | 1.8472 | 1.5885 | 1.4751 | 1.7761 | 1.0199 | |
| | 1.3084 | 1.6346 | 1.2832 | 1.4493 | 1.5664 | 1.3340 | 2.0688 | |
| 13 | 1.3779 | 1.5666 | 1.5296 | 1.8579 | 1.7751 | 1.0872 | 0.5797 | |
| | 1.6645 | 1.4708 | 1.5034 | 1.2761 | 1.3347 | 2.1538 | 3.6527 | |
| 14 | 1.7808 | 1.8103 | 1.8044 | 1.7732 | 1.0197 | 0.5617 | | |
| | 1.3188 | 1.3011 | 1.3072 | 1.3314 | 2.0691 | 3.7328 | | |
| 15 | 0.8209 | 0.8577 | 0.7959 | 0.7457 | F-SUB-Q | | | |
| | 2.5461 | 2.4543 | 2.6160 | 2.8275 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2044 | 1.2864 | 1.7008 | 1.3329 | 1.7081 | 1.3303 | 1.7020 | 0.8038 |
| | 1.8243 | 1.6839 | 1.3032 | 1.6311 | 1.3027 | 1.6401 | 1.3116 | 2.4782 |
| 9 | 1.2864 | 1.6739 | 1.3106 | 1.7178 | 1.3616 | 1.5116 | 1.7314 | 0.8411 |
| | 1.6839 | 1.3223 | 1.6566 | 1.3004 | 1.6079 | 1.4493 | 1.2924 | 2.3835 |
| 10 | 1.7008 | 1.3084 | 1.4047 | 1.5070 | 1.7613 | 1.4748 | 1.7256 | 0.7827 |
| | 1.3032 | 1.6598 | 1.5521 | 1.4637 | 1.2775 | 1.4801 | 1.2979 | 2.5323 |
| 11 | 1.3329 | 1.7127 | 1.5028 | 1.7572 | 1.5297 | 1.7792 | 1.6953 | 0.7320 |
| | 1.6311 | 1.3041 | 1.4673 | 1.2814 | 1.4283 | 1.2637 | 1.3209 | 2.7402 |
| 12 | 1.7081 | 1.3593 | 1.7590 | 1.5291 | 1.4215 | 1.6966 | 1.0017 | |
| | 1.3027 | 1.6107 | 1.2790 | 1.4290 | 1.5417 | 1.3229 | 1.9988 | |
| 13 | 1.3303 | 1.5107 | 1.4732 | 1.7781 | 1.6956 | 1.0575 | 0.5681 | |
| | 1.6401 | 1.4501 | 1.4816 | 1.2644 | 1.3236 | 2.0997 | 3.5406 | |
| 14 | 1.7020 | 1.7305 | 1.7246 | 1.6941 | 1.0011 | 0.5512 | | |
| | 1.3116 | 1.2930 | 1.2986 | 1.3217 | 1.9999 | 3.6132 | | |
| 15 | 0.8038 | 0.8410 | 0.7822 | 0.7313 | F-SUB-Q | | | |
| | 2.4782 | 2.3839 | 2.5338 | 2.7424 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1530 | 1.2313 | 1.6254 | 1.2769 | 1.6368 | 1.2792 | 1.6327 | 0.7575 |
| | 1.8271 | 1.6882 | 1.3076 | 1.6339 | 1.3037 | 1.6375 | 1.3114 | 2.5263 |
| 9 | 1.2313 | 1.6026 | 1.2559 | 1.6420 | 1.2995 | 1.4552 | 1.6615 | 0.7929 |
| | 1.6882 | 1.3243 | 1.6589 | 1.3043 | 1.6134 | 1.4443 | 1.2912 | 2.4304 |
| 10 | 1.6254 | 1.2535 | 1.3516 | 1.4468 | 1.6833 | 1.4194 | 1.6554 | 0.7360 |
| | 1.3076 | 1.6625 | 1.5468 | 1.4614 | 1.2807 | 1.4743 | 1.2968 | 2.5875 |
| 11 | 1.2769 | 1.6372 | 1.4425 | 1.6784 | 1.4678 | 1.7071 | 1.6240 | 0.6895 |
| | 1.6339 | 1.3080 | 1.4653 | 1.2853 | 1.4265 | 1.2613 | 1.3210 | 2.7946 |
| 12 | 1.6368 | 1.2982 | 1.6811 | 1.4673 | 1.3677 | 1.6252 | 0.9430 | |
| | 1.3037 | 1.6152 | 1.2823 | 1.4271 | 1.5356 | 1.3223 | 2.0360 | |
| 13 | 1.2792 | 1.4543 | 1.4178 | 1.7060 | 1.6242 | 1.0011 | 0.5348 | |
| | 1.6375 | 1.4451 | 1.4758 | 1.2620 | 1.3231 | 2.1265 | 3.6125 | |
| 14 | 1.6327 | 1.6606 | 1.6543 | 1.6228 | 0.9422 | 0.5181 | | |
| | 1.3114 | 1.2918 | 1.2976 | 1.3219 | 2.0375 | 3.6923 | | |
| 15 | 0.7575 | 0.7927 | 0.7356 | 0.6888 | F-SUB-Q | | | |
| | 2.5263 | 2.4308 | 2.5890 | 2.7970 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0540 | 1.1242 | 1.4573 | 1.1650 | 1.4691 | 1.1689 | 1.4624 | 0.6918 |
| | 1.9358 | 1.7897 | 1.4102 | 1.7328 | 1.4048 | 1.7346 | 1.4164 | 2.6831 |
| 9 | 1.1242 | 1.4353 | 1.1473 | 1.4741 | 1.1894 | 1.3237 | 1.4880 | 0.7216 |
| | 1.7897 | 1.4300 | 1.7573 | 1.4044 | 1.7051 | 1.5364 | 1.3944 | 2.5900 |
| 10 | 1.4573 | 1.1452 | 1.2372 | 1.3221 | 1.5105 | 1.2974 | 1.4815 | 0.6707 |
| | 1.4102 | 1.7609 | 1.6349 | 1.5461 | 1.3789 | 1.5601 | 1.4012 | 2.7535 |
| 11 | 1.1650 | 1.4698 | 1.3182 | 1.5066 | 1.3408 | 1.5300 | 1.4498 | 0.6258 |
| | 1.7328 | 1.4084 | 1.5502 | 1.3832 | 1.5097 | 1.3597 | 1.4309 | 2.9862 |
| 12 | 1.4691 | 1.1883 | 1.5086 | 1.3404 | 1.2479 | 1.4528 | 0.8594 | |
| | 1.4048 | 1.7069 | 1.3805 | 1.5103 | 1.6279 | 1.4298 | 2.1631 | |
| 13 | 1.1689 | 1.3228 | 1.2960 | 1.5290 | 1.4519 | 0.9056 | 0.4877 | |
| | 1.7346 | 1.5372 | 1.5617 | 1.3604 | 1.4306 | 2.2762 | 3.8426 | |
| 14 | 1.4624 | 1.4872 | 1.4806 | 1.4487 | 0.8582 | 0.4725 | | |
| | 1.4164 | 1.3951 | 1.4020 | 1.4319 | 2.1660 | 3.9281 | | |
| 15 | 0.6918 | 0.7215 | 0.6703 | 0.6252 | F-SUB-Q | | | |
| | 2.6831 | 2.5904 | 2.7551 | 2.9888 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 250 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8462 | 0.9102 | 1.1950 | 0.9404 | 1.1959 | 0.9369 | 1.1783 | 0.5618 |
| | 2.3527 | 2.1547 | 1.6756 | 2.0918 | 1.6812 | 2.1095 | 1.7143 | 3.2293 |
| 9 | 0.9102 | 1.1873 | 0.9295 | 1.2311 | 0.9671 | 1.0556 | 1.1953 | 0.5844 |
| | 2.1547 | 1.6843 | 2.1141 | 1.6374 | 2.0427 | 1.8780 | 1.6922 | 3.1250 |
| 10 | 1.1950 | 0.9279 | 0.9981 | 1.0731 | 1.2575 | 1.0473 | 1.1887 | 0.5413 |
| | 1.6756 | 2.1182 | 1.9745 | 1.8552 | 1.6109 | 1.8833 | 1.7026 | 3.3339 |
| 11 | 0.9404 | 1.2281 | 1.0702 | 1.2523 | 1.0840 | 1.2231 | 1.1526 | 0.5036 |
| | 2.0918 | 1.6412 | 1.8597 | 1.6189 | 1.8176 | 1.6560 | 1.7552 | 3.6275 |
| 12 | 1.1959 | 0.9662 | 1.2562 | 1.0837 | 0.9828 | 1.1677 | 0.6973 | |
| | 1.6812 | 2.0448 | 1.6127 | 1.8183 | 2.0139 | 1.7339 | 2.6028 | |
| 13 | 0.9369 | 1.0549 | 1.0463 | 1.2225 | 1.1671 | 0.7183 | 0.3969 | |
| | 2.1095 | 1.8789 | 1.8851 | 1.6568 | 1.7348 | 2.8017 | 4.6185 | |
| 14 | 1.1783 | 1.1947 | 1.1880 | 1.1518 | 0.6962 | 0.3846 | | |
| | 1.7143 | 1.6929 | 1.7034 | 1.7563 | 2.6067 | 4.7195 | | |
| 15 | 0.5618 | 0.5843 | 0.5409 | 0.5031 | F-SUB-Q | | | |
| | 3.2293 | 3.1254 | 3.3361 | 3.6305 | M-SUB-Q | | | |

AT 75% POWER, 250 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3743 | 0.4024 | 0.4863 | 0.4169 | 0.4861 | 0.3996 | 0.4468 | 0.2390 |
| | 5.2101 | 4.7717 | 4.0248 | 4.6158 | 4.0463 | 4.8329 | 4.4218 | 7.4427 |
| 9 | 0.4024 | 0.4708 | 0.4116 | 0.4979 | 0.4298 | 0.4231 | 0.4517 | 0.2458 |
| | 4.7717 | 4.1532 | 4.6727 | 3.9565 | 4.4947 | 4.5786 | 4.3786 | 7.2865 |
| 10 | 0.4863 | 0.4109 | 0.4140 | 0.4566 | 0.5084 | 0.4299 | 0.4486 | 0.2317 |
| | 4.0248 | 4.6812 | 4.6523 | 4.2599 | 3.8910 | 4.4815 | 4.4113 | 7.6388 |
| 11 | 0.4169 | 0.4968 | 0.4555 | 0.5063 | 0.4468 | 0.4895 | 0.4306 | 0.2111 |
| | 4.6158 | 3.9649 | 4.2695 | 3.9098 | 4.3043 | 4.0453 | 4.5977 | 8.4880 |
| 12 | 0.4861 | 0.4294 | 0.5078 | 0.4466 | 0.3973 | 0.4417 | 0.2958 | |
| | 4.0463 | 4.4996 | 3.8953 | 4.3064 | 4.8682 | 4.4840 | 6.0135 | |
| 13 | 0.3996 | 0.4229 | 0.4295 | 0.4892 | 0.4415 | 0.3123 | 0.1697 | |
| | 4.8329 | 4.5807 | 4.4853 | 4.0475 | 4.4864 | 6.3134 | *10.6060 | |
| 14 | 0.4468 | 0.4515 | 0.4483 | 0.4302 | 0.2953 | 0.1669 | | |
| | 4.4218 | 4.3805 | 4.4137 | 4.6009 | 6.0227 | *10.6762 | | |
| 15 | 0.2390 | 0.2457 | 0.2316 | 0.2109 | F-SUB-Q | | | |
| | 7.4427 | 7.2874 | 7.6426 | 8.4948 | 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 | 0.3604 | 0.4637 | 0.5807 | 0.5285 | 0.6029 | 0.5125 | 0.5500 | 0.3148 |
| | 4.5301 | 4.4794 | 3.7256 | 3.9125 | 3.5816 | 4.0637 | 3.9892 | 6.0703 |
| 9 | 0.4637 | 0.5446 | 0.5076 | 0.6001 | 0.5383 | 0.5268 | 0.5507 | 0.3225 |
| | 4.4794 | 4.0184 | 4.1153 | 3.6059 | 3.8425 | 3.9592 | 3.9819 | 6.0778 |
| 10 | 0.5807 | 0.5070 | 0.5122 | 0.5507 | 0.5933 | 0.5195 | 0.5316 | 0.2962 |
| | 3.7256 | 4.1217 | 4.0970 | 3.7990 | 3.6349 | 3.9276 | 4.0402 | 6.3457 |
| 11 | 0.5285 | 0.5994 | 0.5497 | 0.5701 | 0.4959 | 0.5295 | 0.4842 | 0.2629 |
| | 3.9125 | 3.6086 | 3.8044 | 3.8264 | 4.0433 | 3.9965 | 4.3977 | 7.2382 |
| 12 | 0.6029 | 0.5380 | 0.5927 | 0.4956 | 0.3655 | 0.4141 | 0.3171 | |
| | 3.5816 | 3.8456 | 3.6378 | 4.0452 | 4.3422 | 4.2970 | 5.5551 | |
| 13 | 0.5125 | 0.5267 | 0.5192 | 0.5293 | 0.4139 | 0.2703 | 0.1802 | |
| | 4.0637 | 3.9603 | 3.9295 | 3.9980 | 4.2989 | 5.6542 | 9.0518 | |
| 14 | 0.5500 | 0.5506 | 0.5314 | 0.4840 | 0.3168 | 0.1755 | | |
| | 3.9892 | 3.9828 | 4.0414 | 4.3996 | 5.5588 | 9.0597 | | |
| 15 | 0.3148 | 0.3225 | 0.2961 | 0.2628 | F-SUB-Q | | | |
| | 6.0703 | 6.0783 | 6.3469 | 7.2418 | 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 | 0.7258 | 0.9419 | 1.2361 | 1.0691 | 1.2823 | 1.0652 | 1.2529 | 0.6822 |
| | 2.3973 | 2.2648 | 1.7959 | 1.9885 | 1.7316 | 2.0026 | 1.8000 | 2.8799 |
| 9 | 0.9419 | 1.1847 | 1.0286 | 1.2906 | 1.0863 | 1.1571 | 1.2554 | 0.6982 |
| | 2.2648 | 1.8811 | 2.0772 | 1.7231 | 1.9570 | 1.8484 | 1.7822 | 2.8712 |
| 10 | 1.2361 | 1.0272 | 1.0960 | 1.1427 | 1.2721 | 1.1248 | 1.2161 | 0.6377 |
| | 1.7959 | 2.0807 | 1.9652 | 1.8742 | 1.7419 | 1.8674 | 1.8134 | 3.0198 |
| 11 | 1.0691 | 1.2889 | 1.1406 | 1.2215 | 1.0666 | 1.1485 | 1.1103 | 0.5768 |
| | 1.9885 | 1.7253 | 1.8770 | 1.8184 | 1.9030 | 1.8711 | 1.9660 | 3.3939 |
| 12 | 1.2823 | 1.0856 | 1.2710 | 1.0660 | 0.7923 | 0.9514 | 0.6829 | |
| | 1.7316 | 1.9585 | 1.7433 | 1.9039 | 2.0261 | 1.9129 | 2.6277 | |
| 13 | 1.0652 | 1.1568 | 1.1244 | 1.1480 | 0.9508 | 0.5629 | 0.3906 | |
| | 2.0026 | 1.8487 | 1.8681 | 1.8718 | 1.9137 | 2.7842 | 4.2617 | |
| 14 | 1.2529 | 1.2553 | 1.2157 | 1.1098 | 0.6822 | 0.3801 | | |
| | 1.8000 | 1.7824 | 1.8139 | 1.9668 | 2.6296 | 4.2689 | | |
| 15 | 0.6822 | 0.6982 | 0.6376 | 0.5765 | F-SUB-Q | | | |
| | 2.8799 | 2.8715 | 3.0203 | 3.3954 | 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 | 0.8917 | 1.1285 | 1.4824 | 1.2798 | 1.5386 | 1.2743 | 1.5047 | 0.8260 |
| | 2.0759 | 1.9285 | 1.5244 | 1.6924 | 1.4688 | 1.7004 | 1.5033 | 2.3881 |
| 9 | 1.1285 | 1.4017 | 1.2287 | 1.5168 | 1.2928 | 1.3950 | 1.5092 | 0.8519 |
| | 1.9285 | 1.6149 | 1.7679 | 1.4918 | 1.6750 | 1.5520 | 1.4957 | 2.3729 |
| 10 | 1.4824 | 1.2269 | 1.3073 | 1.3596 | 1.4903 | 1.3481 | 1.4665 | 0.7815 |
| | 1.5244 | 1.7712 | 1.6562 | 1.6010 | 1.5141 | 1.5870 | 1.5282 | 2.5023 |
| 11 | 1.2798 | 1.5145 | 1.3571 | 1.4292 | 1.2799 | 1.3901 | 1.3467 | 0.7064 |
| | 1.6924 | 1.4939 | 1.6036 | 1.5687 | 1.6143 | 1.5698 | 1.6509 | 2.8231 |
| 12 | 1.5386 | 1.2919 | 1.4889 | 1.2792 | 0.9757 | 1.1578 | 0.8323 | |
| | 1.4688 | 1.6763 | 1.5155 | 1.6151 | 1.7001 | 1.6155 | 2.1928 | |
| 13 | 1.2743 | 1.3947 | 1.3476 | 1.3895 | 1.1571 | 0.7034 | 0.4732 | |
| | 1.7004 | 1.5522 | 1.5875 | 1.5704 | 1.6162 | 2.2974 | 3.5883 | |
| 14 | 1.5047 | 1.5090 | 1.4661 | 1.3461 | 0.8317 | 0.4636 | | |
| | 1.5033 | 1.4959 | 1.5286 | 1.6516 | 2.1936 | 3.5711 | | |
| 15 | 0.8260 | 0.8519 | 0.7813 | 0.7061 | F-SUB-Q | | | |
| | 2.3881 | 2.3730 | 2.5027 | 2.8242 | 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 | 0.9716 | 1.2303 | 1.6594 | 1.3941 | 1.7168 | 1.3804 | 1.6857 | 0.8855 |
| | 1.9602 | 1.8076 | 1.3888 | 1.5843 | 1.3420 | 1.5967 | 1.3611 | 2.2587 |
| 9 | 1.2303 | 1.5688 | 1.3379 | 1.7006 | 1.4041 | 1.5266 | 1.6910 | 0.9138 |
| | 1.8076 | 1.4714 | 1.6559 | 1.3562 | 1.5724 | 1.4416 | 1.3554 | 2.2449 |
| 10 | 1.6594 | 1.3358 | 1.4199 | 1.4857 | 1.6728 | 1.4697 | 1.6448 | 0.8333 |
| | 1.3888 | 1.6592 | 1.5524 | 1.4939 | 1.3757 | 1.4836 | 1.3873 | 2.3885 |
| 11 | 1.3941 | 1.6981 | 1.4829 | 1.6029 | 1.4009 | 1.5579 | 1.5145 | 0.7576 |
| | 1.5843 | 1.3583 | 1.4964 | 1.4242 | 1.5033 | 1.4275 | 1.4925 | 2.6820 |
| 12 | 1.7168 | 1.4032 | 1.6712 | 1.4001 | 1.0648 | 1.3008 | 0.8923 | |
| | 1.3420 | 1.5736 | 1.3771 | 1.5041 | 1.5915 | 1.4680 | 2.0889 | |
| 13 | 1.3804 | 1.5263 | 1.4692 | 1.5573 | 1.3001 | 0.7728 | 0.5049 | |
| | 1.5967 | 1.4418 | 1.4840 | 1.4280 | 1.4686 | 2.1562 | 3.4469 | |
| 14 | 1.6857 | 1.6908 | 1.6444 | 1.5139 | 0.8914 | 0.4948 | | |
| | 1.3611 | 1.3556 | 1.3876 | 1.4931 | 2.0903 | 3.4288 | | |
| 15 | 0.8855 | 0.9138 | 0.8331 | 0.7572 | F-SUB-Q | | | |
| | 2.2587 | 2.2450 | 2.3889 | 2.6831 | 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 | 1.0020 | 1.2650 | 1.7250 | 1.4299 | 1.7764 | 1.4092 | 1.7470 | 0.9076 |
| | 1.9658 | 1.8025 | 1.3668 | 1.5778 | 1.3242 | 1.5976 | 1.3413 | 2.2519 |
| 9 | 1.2650 | 1.6289 | 1.3753 | 1.7706 | 1.4399 | 1.5639 | 1.7526 | 0.9398 |
| | 1.8025 | 1.4528 | 1.6489 | 1.3310 | 1.5663 | 1.4387 | 1.3362 | 2.2312 |
| 10 | 1.7250 | 1.3731 | 1.4527 | 1.5291 | 1.7442 | 1.5048 | 1.7056 | 0.8568 |
| | 1.3668 | 1.6522 | 1.5537 | 1.4831 | 1.3467 | 1.4776 | 1.3642 | 2.3733 |
| 11 | 1.4299 | 1.7684 | 1.5262 | 1.6711 | 1.4448 | 1.6160 | 1.5759 | 0.7800 |
| | 1.5778 | 1.3329 | 1.4856 | 1.3956 | 1.4948 | 1.4088 | 1.4643 | 2.6551 |
| 12 | 1.7764 | 1.4388 | 1.7425 | 1.4437 | 1.1002 | 1.3562 | 0.9221 | |
| | 1.3242 | 1.5676 | 1.3480 | 1.4956 | 1.5920 | 1.4468 | 2.0748 | |
| 13 | 1.4092 | 1.5636 | 1.5045 | 1.6154 | 1.3554 | 0.8030 | 0.5203 | |
| | 1.5976 | 1.4389 | 1.4778 | 1.4092 | 1.4474 | 2.1421 | 3.4482 | |
| 14 | 1.7470 | 1.7524 | 1.7052 | 1.5753 | 0.9217 | 0.5098 | | |
| | 1.3413 | 1.3364 | 1.3644 | 1.4649 | 2.0749 | 3.4303 | | |
| 15 | 0.9076 | 0.9398 | 0.8566 | 0.7797 | F-SUB-Q | | | |
| | 2.2519 | 2.2312 | 2.3737 | 2.6560 | 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 | 1.0146 | 1.2738 | 1.7422 | 1.4344 | 1.7873 | 1.4092 | 1.7570 | 0.9120 |
| | 2.0086 | 1.8401 | 1.3890 | 1.6135 | 1.3488 | 1.6311 | 1.3617 | 2.2894 |
| 9 | 1.2738 | 1.6455 | 1.3833 | 1.7897 | 1.4455 | 1.5650 | 1.7630 | 0.9460 |
| | 1.8401 | 1.4767 | 1.6827 | 1.3503 | 1.6011 | 1.4677 | 1.3560 | 2.2642 |
| 10 | 1.7422 | 1.3810 | 1.4560 | 1.5388 | 1.7652 | 1.5074 | 1.7176 | 0.8656 |
| | 1.3890 | 1.6861 | 1.5903 | 1.5131 | 1.3667 | 1.5146 | 1.3878 | 2.4032 |
| 11 | 1.4344 | 1.7871 | 1.5361 | 1.6925 | 1.4634 | 1.6315 | 1.5927 | 0.7873 |
| | 1.6135 | 1.3524 | 1.5155 | 1.4120 | 1.5231 | 1.4332 | 1.4927 | 2.7064 |
| 12 | 1.7873 | 1.4445 | 1.7634 | 1.4624 | 1.1154 | 1.3759 | 0.9371 | |
| | 1.3488 | 1.6025 | 1.3680 | 1.5239 | 1.6334 | 1.4760 | 2.1069 | |
| 13 | 1.4092 | 1.5647 | 1.5071 | 1.6309 | 1.3751 | 0.8185 | 0.5294 | |
| | 1.6311 | 1.4679 | 1.5149 | 1.4336 | 1.4766 | 2.1883 | 3.5241 | |
| 14 | 1.7570 | 1.7628 | 1.7173 | 1.5921 | 0.9368 | 0.5185 | | |
| | 1.3617 | 1.3561 | 1.3880 | 1.4933 | 2.1068 | 3.5072 | | |
| 15 | 0.9120 | 0.9460 | 0.8654 | 0.7870 | F-SUB-Q | | | |
| | 2.2894 | 2.2642 | 2.4036 | 2.7072 | 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 | 1.0217 | 1.2819 | 1.7620 | 1.4363 | 1.7996 | 1.4071 | 1.7683 | 0.9044 |
| | 2.0542 | 1.8739 | 1.4261 | 1.6703 | 1.3871 | 1.6855 | 1.3942 | 2.3787 |
| 9 | 1.2819 | 1.6676 | 1.3880 | 1.8116 | 1.4479 | 1.5655 | 1.7751 | 0.9386 |
| | 1.8739 | 1.5159 | 1.7414 | 1.3833 | 1.6584 | 1.5147 | 1.3891 | 2.3524 |
| 10 | 1.7620 | 1.3857 | 1.4605 | 1.5481 | 1.7898 | 1.5108 | 1.7330 | 0.8570 |
| | 1.4261 | 1.7450 | 1.6476 | 1.5625 | 1.4002 | 1.5688 | 1.4248 | 2.5110 |
| 11 | 1.4363 | 1.8087 | 1.5454 | 1.7199 | 1.4725 | 1.6534 | 1.6147 | 0.7839 |
| | 1.6703 | 1.3854 | 1.5650 | 1.4292 | 1.5557 | 1.4579 | 1.5283 | 2.8264 |
| 12 | 1.7996 | 1.4469 | 1.7880 | 1.4715 | 1.1251 | 1.4032 | 0.9403 | |
| | 1.3871 | 1.6598 | 1.4016 | 1.5565 | 1.6817 | 1.5071 | 2.1793 | |
| 13 | 1.4071 | 1.5652 | 1.5105 | 1.6528 | 1.4024 | 0.8312 | 0.5333 | |
| | 1.6855 | 1.5149 | 1.5691 | 1.4583 | 1.5077 | 2.2607 | 3.6631 | |
| 14 | 1.7683 | 1.7750 | 1.7326 | 1.6141 | 0.9401 | 0.5218 | | |
| | 1.3942 | 1.3892 | 1.4250 | 1.5288 | 2.1790 | 3.6498 | | |
| 15 | 0.9044 | 0.9386 | 0.8568 | 0.7836 | F-SUB-Q | | | |
| | 2.3787 | 2.3525 | 2.5114 | 2.8273 | 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 | 1.0390 | 1.2909 | 1.7698 | 1.4319 | 1.7979 | 1.3978 | 1.7641 | 0.8963 |
| | 2.1287 | 1.9431 | 1.4925 | 1.7563 | 1.4532 | 1.7701 | 1.4562 | 2.5003 |
| 9 | 1.2909 | 1.6821 | 1.3881 | 1.8184 | 1.4447 | 1.5574 | 1.7719 | 0.9310 |
| | 1.9431 | 1.5709 | 1.8303 | 1.4455 | 1.7440 | 1.5891 | 1.4513 | 2.4715 |
| 10 | 1.7698 | 1.3858 | 1.4602 | 1.5515 | 1.8017 | 1.5086 | 1.7353 | 0.8515 |
| | 1.4925 | 1.8341 | 1.7344 | 1.6397 | 1.4631 | 1.6507 | 1.4908 | 2.6430 |
| 11 | 1.4319 | 1.8155 | 1.5488 | 1.7397 | 1.4844 | 1.6714 | 1.6288 | 0.7822 |
| | 1.7563 | 1.4477 | 1.6424 | 1.4707 | 1.6085 | 1.5042 | 1.5763 | 2.9793 |
| 12 | 1.7979 | 1.4437 | 1.7999 | 1.4835 | 1.1470 | 1.4365 | 0.9519 | |
| | 1.4532 | 1.7455 | 1.4646 | 1.6092 | 1.7383 | 1.5517 | 2.2544 | |
| 13 | 1.3978 | 1.5571 | 1.5082 | 1.6709 | 1.4357 | 0.8589 | 0.5447 | |
| | 1.7701 | 1.5894 | 1.6511 | 1.5045 | 1.5522 | 2.3418 | 3.7965 | |
| 14 | 1.7641 | 1.7718 | 1.7350 | 1.6282 | 0.9517 | 0.5324 | | |
| | 1.4562 | 1.4515 | 1.4910 | 1.5768 | 2.2540 | 3.7863 | | |
| 15 | 0.8963 | 0.9310 | 0.8513 | 0.7819 | F-SUB-Q | | | |
| | 2.5003 | 2.4716 | 2.6434 | 2.9802 | 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 | 1.1024 | 1.3116 | 1.7858 | 1.4308 | 1.8022 | 1.3914 | 1.7647 | 0.8871 |
| | 2.2309 | 2.0248 | 1.5724 | 1.8607 | 1.5321 | 1.8727 | 1.5315 | 2.6566 |
| 9 | 1.3116 | 1.7099 | 1.3922 | 1.8319 | 1.4452 | 1.5534 | 1.7739 | 0.9201 |
| | 2.0248 | 1.6260 | 1.9389 | 1.5205 | 1.8483 | 1.6792 | 1.5267 | 2.6309 |
| 10 | 1.7858 | 1.3899 | 1.4666 | 1.5602 | 1.8223 | 1.5129 | 1.7444 | 0.8428 |
| | 1.5724 | 1.9430 | 1.8316 | 1.7314 | 1.5204 | 1.7487 | 1.5700 | 2.8192 |
| 11 | 1.4308 | 1.8290 | 1.5574 | 1.7740 | 1.5088 | 1.7064 | 1.6534 | 0.7791 |
| | 1.8607 | 1.5229 | 1.7342 | 1.5274 | 1.6801 | 1.5662 | 1.6362 | 3.1755 |
| 12 | 1.8022 | 1.4442 | 1.8205 | 1.5083 | 1.2171 | 1.5064 | 0.9695 | |
| | 1.5321 | 1.8498 | 1.5215 | 1.6809 | 1.8197 | 1.6140 | 2.3685 | |
| 13 | 1.3914 | 1.5530 | 1.5125 | 1.7059 | 1.5058 | 0.9236 | 0.5626 | |
| | 1.8727 | 1.6795 | 1.7491 | 1.5666 | 1.6146 | 2.4546 | 3.9891 | |
| 14 | 1.7647 | 1.7738 | 1.7441 | 1.6529 | 0.9687 | 0.5493 | | |
| | 1.5315 | 1.5269 | 1.5702 | 1.6367 | 2.3697 | 3.9827 | | |
| 15 | 0.8871 | 0.9201 | 0.8426 | 0.7788 | F-SUB-Q | | | |
| | 2.6566 | 2.6310 | 2.8196 | 3.1767 | 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 | 1.1923 | 1.3260 | 1.7717 | 1.4160 | 1.7762 | 1.3716 | 1.7342 | 0.8859 |
| | 2.3498 | 2.1389 | 1.6848 | 2.0073 | 1.6570 | 2.0168 | 1.6537 | 2.8257 |
| 9 | 1.3260 | 1.7096 | 1.3858 | 1.8114 | 1.4370 | 1.5326 | 1.7448 | 0.9211 |
| | 2.1389 | 1.7246 | 2.0742 | 1.6434 | 1.9824 | 1.8092 | 1.6487 | 2.7882 |
| 10 | 1.7717 | 1.3835 | 1.4593 | 1.5547 | 1.8107 | 1.5026 | 1.7234 | 0.8505 |
| | 1.6848 | 2.0785 | 1.9421 | 1.8334 | 1.6129 | 1.8545 | 1.6951 | 2.9744 |
| 11 | 1.4160 | 1.8086 | 1.5519 | 1.7850 | 1.5315 | 1.7176 | 1.6512 | 0.7870 |
| | 2.0073 | 1.6460 | 1.8364 | 1.6172 | 1.7771 | 1.6630 | 1.7344 | 3.3130 |
| 12 | 1.7762 | 1.4355 | 1.8094 | 1.5310 | 1.3308 | 1.5868 | 1.0042 | |
| | 1.6570 | 1.9848 | 1.6141 | 1.7778 | 1.9413 | 1.7258 | 2.4671 | |
| 13 | 1.3716 | 1.5322 | 1.5022 | 1.7172 | 1.5863 | 1.0114 | 0.5910 | |
| | 2.0168 | 1.8096 | 1.8554 | 1.6633 | 1.7263 | 2.5887 | 4.1792 | |
| 14 | 1.7342 | 1.7447 | 1.7231 | 1.6507 | 1.0040 | 0.5775 | | |
| | 1.6537 | 1.6488 | 1.6953 | 1.7349 | 2.4667 | 4.1700 | | |
| 15 | 0.8859 | 0.9211 | 0.8503 | 0.7867 | F-SUB-Q | | | |
| | 2.8257 | 2.7883 | 2.9748 | 3.3141 | 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 | 1.2377 | 1.3513 | 1.8036 | 1.4231 | 1.7967 | 1.3733 | 1.7518 | 0.8731 |
| | 2.4792 | 2.2520 | 1.7592 | 2.1403 | 1.7549 | 2.1516 | 1.7468 | 3.0516 |
| 9 | 1.3513 | 1.7562 | 1.3965 | 1.8425 | 1.4423 | 1.5389 | 1.7637 | 0.9085 |
| | 2.2520 | 1.7966 | 2.1866 | 1.7135 | 2.0963 | 1.9252 | 1.7419 | 3.0146 |
| 10 | 1.8036 | 1.3941 | 1.4735 | 1.5719 | 1.8521 | 1.5158 | 1.7490 | 0.8369 |
| | 1.7592 | 2.1912 | 2.0449 | 1.9270 | 1.6791 | 1.9501 | 1.7698 | 3.2320 |
| 11 | 1.4231 | 1.8396 | 1.5690 | 1.8373 | 1.5689 | 1.7664 | 1.6913 | 0.7816 |
| | 2.1403 | 1.7165 | 1.9302 | 1.6837 | 1.8648 | 1.7338 | 1.8062 | 3.5407 |
| 12 | 1.7967 | 1.4415 | 1.8508 | 1.5685 | 1.4192 | 1.6751 | 1.0141 | |
| | 1.7549 | 2.0977 | 1.6802 | 1.8655 | 2.0326 | 1.7907 | 2.6302 | |
| 13 | 1.3733 | 1.5385 | 1.5153 | 1.7661 | 1.6746 | 1.0642 | 0.6036 | |
| | 2.1516 | 1.9256 | 1.9509 | 1.7341 | 1.7912 | 2.7380 | 4.4445 | |
| 14 | 1.7518 | 1.7634 | 1.7487 | 1.6909 | 1.0138 | 0.5886 | | |
| | 1.7468 | 1.7420 | 1.7701 | 1.8066 | 2.6301 | 4.4440 | | |
| 15 | 0.8731 | 0.9085 | 0.8367 | 0.7813 | F-SUB-Q | | | |
| | 3.0516 | 3.0147 | 3.2325 | 3.5420 | 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 | 1.2566 | 1.3598 | 1.8102 | 1.4197 | 1.7948 | 1.3656 | 1.7465 | 0.8675 |
| | 2.5280 | 2.2905 | 1.7931 | 2.1915 | 1.8118 | 2.2833 | 1.8658 | 3.2826 |
| 9 | 1.3598 | 1.7716 | 1.3972 | 1.8469 | 1.4402 | 1.5327 | 1.7612 | 0.9041 |
| | 2.2905 | 1.8301 | 2.2300 | 1.7605 | 2.1628 | 2.0361 | 1.8499 | 3.2384 |
| 10 | 1.8102 | 1.3949 | 1.4749 | 1.5750 | 1.8638 | 1.5151 | 1.7501 | 0.8342 |
| | 1.7931 | 2.2341 | 2.1024 | 1.9874 | 1.7434 | 2.0391 | 1.8601 | 3.4204 |
| 11 | 1.4197 | 1.8437 | 1.5721 | 1.8549 | 1.5817 | 1.7824 | 1.7033 | 0.7819 |
| | 2.1915 | 1.7636 | 1.9906 | 1.7502 | 1.9442 | 1.8205 | 1.9063 | 3.7436 |
| 12 | 1.7948 | 1.4394 | 1.8625 | 1.5814 | 1.4444 | 1.7081 | 1.0263 | |
| | 1.8118 | 2.1642 | 1.7446 | 1.9448 | 2.1422 | 1.8958 | 2.7808 | |
| 13 | 1.3656 | 1.5323 | 1.5146 | 1.7820 | 1.7076 | 1.0896 | 0.6146 | |
| | 2.2833 | 2.0365 | 2.0398 | 1.8208 | 1.8964 | 2.9040 | 4.7218 | |
| 14 | 1.7465 | 1.7610 | 1.7499 | 1.7029 | 1.0262 | 0.5989 | | |
| | 1.8658 | 1.8502 | 1.8604 | 1.9068 | 2.7800 | 4.7244 | | |
| 15 | 0.8675 | 0.9041 | 0.8340 | 0.7816 | F-SUB-Q | | | |
| | 3.2826 | 3.2385 | 3.4209 | 3.7448 | 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 | 1.2620 | 1.3552 | 1.7943 | 1.4071 | 1.7736 | 1.3507 | 1.7231 | 0.8680 |
| | 2.5090 | 2.2873 | 1.7967 | 2.1934 | 1.8178 | 2.2842 | 1.8716 | 3.2503 |
| 9 | 1.3552 | 1.7599 | 1.3887 | 1.8283 | 1.4384 | 1.5159 | 1.7395 | 0.9036 |
| | 2.2873 | 1.8341 | 2.2279 | 1.7663 | 2.1521 | 2.0401 | 1.8585 | 3.2034 |
| 10 | 1.7943 | 1.3869 | 1.4651 | 1.5653 | 1.8491 | 1.5023 | 1.7308 | 0.8389 |
| | 1.7967 | 2.2315 | 2.1061 | 1.9885 | 1.7511 | 2.0454 | 1.8693 | 3.3738 |
| 11 | 1.4071 | 1.8250 | 1.5625 | 1.8455 | 1.5759 | 1.7712 | 1.6912 | 0.7848 |
| | 2.1934 | 1.7696 | 1.9918 | 1.7561 | 1.9491 | 1.8307 | 1.9162 | 3.7111 |
| 12 | 1.7736 | 1.4370 | 1.8478 | 1.5756 | 1.4424 | 1.7051 | 1.0399 | |
| | 1.8178 | 2.1546 | 1.7524 | 1.9497 | 2.1523 | 1.9070 | 2.7489 | |
| 13 | 1.3507 | 1.5155 | 1.5017 | 1.7710 | 1.7046 | 1.1026 | 0.6240 | |
| | 2.2842 | 2.0406 | 2.0461 | 1.8310 | 1.9075 | 2.8888 | 4.6805 | |
| 14 | 1.7231 | 1.7393 | 1.7306 | 1.6908 | 1.0398 | 0.6084 | | |
| | 1.8716 | 1.8586 | 1.8695 | 1.9166 | 2.7481 | 4.6802 | | |
| 15 | 0.8680 | 0.9036 | 0.8387 | 0.7846 | F-SUB-Q | | | |
| | 3.2503 | 3.2035 | 3.3742 | 3.7122 | 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 | 1.2619 | 1.3614 | 1.8169 | 1.4113 | 1.7905 | 1.3517 | 1.7393 | 0.8548 |
| | 2.4707 | 2.2359 | 1.7447 | 2.1441 | 1.7674 | 2.2264 | 1.8112 | 3.2007 |
| 9 | 1.3614 | 1.7854 | 1.3934 | 1.8526 | 1.4311 | 1.5206 | 1.7573 | 0.8910 |
| | 2.2359 | 1.7815 | 2.1787 | 1.7165 | 2.1255 | 1.9919 | 1.8051 | 3.1567 |
| 10 | 1.8169 | 1.3917 | 1.4693 | 1.5736 | 1.8747 | 1.5073 | 1.7500 | 0.8243 |
| | 1.7447 | 2.1819 | 2.0665 | 1.9503 | 1.7103 | 2.0109 | 1.8223 | 3.3555 |
| 11 | 1.4113 | 1.8492 | 1.5707 | 1.8701 | 1.5849 | 1.7931 | 1.7143 | 0.7752 |
| | 2.1441 | 1.7194 | 1.9535 | 1.7199 | 1.9229 | 1.7967 | 1.8742 | 3.6853 |
| 12 | 1.7905 | 1.4304 | 1.8735 | 1.5847 | 1.4527 | 1.7318 | 1.0298 | |
| | 1.7674 | 2.1268 | 1.7114 | 1.9234 | 2.1277 | 1.8703 | 2.7552 | |
| 13 | 1.3517 | 1.5202 | 1.5066 | 1.7929 | 1.7313 | 1.1021 | 0.6184 | |
| | 2.2264 | 1.9924 | 2.0116 | 1.7969 | 1.8707 | 2.8664 | 4.6143 | |
| 14 | 1.7393 | 1.7571 | 1.7499 | 1.7140 | 1.0296 | 0.6018 | | |
| | 1.8112 | 1.8051 | 1.8225 | 1.8745 | 2.7547 | 4.6225 | | |
| 15 | 0.8548 | 0.8910 | 0.8241 | 0.7749 | F-SUB-Q | | | |
| | 3.2007 | 3.1568 | 3.3559 | 3.6865 | 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 | 1.2612 | 1.3611 | 1.8224 | 1.4097 | 1.7920 | 1.3473 | 1.7403 | 0.8484 |
| | 2.2586 | 2.0516 | 1.6058 | 1.9779 | 1.6327 | 2.0636 | 1.6781 | 2.9668 |
| 9 | 1.3611 | 1.7923 | 1.3920 | 1.8581 | 1.4273 | 1.5173 | 1.7589 | 0.8830 |
| | 2.0516 | 1.6327 | 2.0062 | 1.5847 | 1.9659 | 1.8451 | 1.6706 | 2.9290 |
| 10 | 1.8224 | 1.3905 | 1.4663 | 1.5732 | 1.8806 | 1.5041 | 1.7526 | 0.8165 |
| | 1.6058 | 2.0092 | 1.9044 | 1.8013 | 1.5774 | 1.8600 | 1.6827 | 3.1082 |
| 11 | 1.4097 | 1.8547 | 1.5703 | 1.8758 | 1.5840 | 1.7968 | 1.7195 | 0.7686 |
| | 1.9779 | 1.5874 | 1.8041 | 1.5841 | 1.7721 | 1.6526 | 1.7197 | 3.3975 |
| 12 | 1.7920 | 1.4267 | 1.8793 | 1.5839 | 1.4518 | 1.7386 | 1.0259 | |
| | 1.6327 | 1.9670 | 1.5783 | 1.7724 | 1.9538 | 1.7122 | 2.5236 | |
| 13 | 1.3473 | 1.5168 | 1.5034 | 1.7967 | 1.7381 | 1.1011 | 0.6156 | |
| | 2.0636 | 1.8455 | 1.8606 | 1.6527 | 1.7126 | 2.6228 | 4.2425 | |
| 14 | 1.7403 | 1.7588 | 1.7525 | 1.7193 | 1.0254 | 0.5985 | | |
| | 1.6781 | 1.6706 | 1.6828 | 1.7199 | 2.5237 | 4.2541 | | |
| 15 | 0.8484 | 0.8830 | 0.8164 | 0.7683 | F-SUB-Q | | | |
| | 2.9668 | 2.9291 | 3.1085 | 3.3986 | 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 | 1.2578 | 1.3576 | 1.8198 | 1.4045 | 1.7870 | 1.3408 | 1.7344 | 0.8454 |
| | 2.0820 | 1.8921 | 1.4783 | 1.8229 | 1.5013 | 1.9048 | 1.5460 | 2.7376 |
| 9 | 1.3575 | 1.7906 | 1.3880 | 1.8548 | 1.4254 | 1.5109 | 1.7532 | 0.8826 |
| | 1.8921 | 1.5028 | 1.8507 | 1.4601 | 1.8153 | 1.7001 | 1.5378 | 2.6929 |
| 10 | 1.8198 | 1.3864 | 1.4607 | 1.5691 | 1.8771 | 1.4969 | 1.7474 | 0.8168 |
| | 1.4783 | 1.8534 | 1.7596 | 1.6618 | 1.4534 | 1.7192 | 1.5524 | 2.8522 |
| 11 | 1.4045 | 1.8513 | 1.5662 | 1.8736 | 1.5789 | 1.7922 | 1.7158 | 0.7689 |
| | 1.8229 | 1.4623 | 1.6644 | 1.4582 | 1.6347 | 1.5221 | 1.5835 | 3.1256 |
| 12 | 1.7870 | 1.4240 | 1.8758 | 1.5788 | 1.4461 | 1.7356 | 1.0266 | |
| | 1.5013 | 1.8163 | 1.4543 | 1.6349 | 1.8023 | 1.5744 | 2.3171 | |
| 13 | 1.3408 | 1.5104 | 1.4962 | 1.7921 | 1.7352 | 1.1005 | 0.6151 | |
| | 1.9048 | 1.7005 | 1.7198 | 1.5221 | 1.5748 | 2.4107 | 3.9043 | |
| 14 | 1.7344 | 1.7531 | 1.7472 | 1.7156 | 1.0265 | 0.5980 | | |
| | 1.5460 | 1.5378 | 1.5525 | 1.5836 | 2.3164 | 3.9157 | | |
| 15 | 0.8454 | 0.8826 | 0.8166 | 0.7687 | F-SUB-Q | | | |
| | 2.7376 | 2.6929 | 2.8524 | 3.1265 | 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 | 1.2590 | 1.3504 | 1.8046 | 1.3955 | 1.7706 | 1.3313 | 1.7172 | 0.8488 |
| | 2.0771 | 1.9003 | 1.4862 | 1.8315 | 1.5134 | 1.9184 | 1.5607 | 2.7309 |
| 9 | 1.3504 | 1.7752 | 1.3803 | 1.8373 | 1.4275 | 1.4993 | 1.7359 | 0.8851 |
| | 1.9003 | 1.5143 | 1.8561 | 1.4699 | 1.8099 | 1.7118 | 1.5513 | 2.6867 |
| 10 | 1.8046 | 1.3787 | 1.4548 | 1.5595 | 1.8595 | 1.4848 | 1.7303 | 0.8225 |
| | 1.4862 | 1.8588 | 1.7711 | 1.6697 | 1.4674 | 1.7298 | 1.5627 | 2.8282 |
| 11 | 1.3955 | 1.8338 | 1.5566 | 1.8579 | 1.5682 | 1.7760 | 1.7003 | 0.7711 |
| | 1.8315 | 1.4725 | 1.6723 | 1.4718 | 1.6476 | 1.5362 | 1.5981 | 3.1159 |
| 12 | 1.7706 | 1.4262 | 1.8583 | 1.5682 | 1.4346 | 1.7200 | 1.0334 | |
| | 1.5134 | 1.8118 | 1.4683 | 1.6478 | 1.8169 | 1.5873 | 2.3025 | |
| 13 | 1.3313 | 1.4988 | 1.4840 | 1.7759 | 1.7196 | 1.1020 | 0.6181 | |
| | 1.9184 | 1.7123 | 1.7305 | 1.5363 | 1.5876 | 2.4065 | 3.8909 | |
| 14 | 1.7172 | 1.7357 | 1.7301 | 1.7001 | 1.0335 | 0.6012 | | |
| | 1.5607 | 1.5513 | 1.5628 | 1.5983 | 2.3015 | 3.8997 | | |
| 15 | 0.8488 | 0.8851 | 0.8223 | 0.7708 | F-SUB-Q | | | |
| | 2.7309 | 2.6868 | 2.8284 | 3.1168 | 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 | 1.2553 | 1.3552 | 1.8286 | 1.4009 | 1.7921 | 1.3360 | 1.7400 | 0.8360 |
| | 1.9343 | 1.7620 | 1.3670 | 1.7020 | 1.3958 | 1.7858 | 1.4382 | 2.5888 |
| 9 | 1.3552 | 1.8005 | 1.3848 | 1.8635 | 1.4189 | 1.5090 | 1.7592 | 0.8718 |
| | 1.7620 | 1.3890 | 1.7253 | 1.3514 | 1.6965 | 1.5879 | 1.4279 | 2.5495 |
| 10 | 1.8286 | 1.3832 | 1.4556 | 1.5684 | 1.8857 | 1.4913 | 1.7538 | 0.8063 |
| | 1.3670 | 1.7279 | 1.6442 | 1.5469 | 1.3467 | 1.6047 | 1.4361 | 2.6924 |
| 11 | 1.4009 | 1.8600 | 1.5654 | 1.8813 | 1.5760 | 1.7982 | 1.7239 | 0.7587 |
| | 1.7020 | 1.3538 | 1.5494 | 1.3530 | 1.5262 | 1.4118 | 1.4657 | 2.9485 |
| 12 | 1.7921 | 1.4176 | 1.8844 | 1.5760 | 1.4418 | 1.7434 | 1.0185 | |
| | 1.3958 | 1.6974 | 1.3476 | 1.5263 | 1.6808 | 1.4591 | 2.1778 | |
| 13 | 1.3360 | 1.5085 | 1.4905 | 1.7981 | 1.7430 | 1.0952 | 0.6082 | |
| | 1.7858 | 1.5883 | 1.6054 | 1.4119 | 1.4594 | 2.2569 | 3.6918 | |
| 14 | 1.7400 | 1.7591 | 1.7536 | 1.7237 | 1.0182 | 0.5903 | | |
| | 1.4382 | 1.4279 | 1.4361 | 1.4658 | 2.1776 | 3.7080 | | |
| 15 | 0.8360 | 0.8718 | 0.8062 | 0.7584 | F-SUB-Q | | | |
| | 2.5888 | 2.5496 | 2.6926 | 2.9494 | 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 | 1.2494 | 1.3486 | 1.8228 | 1.3934 | 1.7861 | 1.3306 | 1.7360 | 0.8303 |
| | 1.8252 | 1.6674 | 1.2918 | 1.6135 | 1.3202 | 1.6918 | 1.3589 | 2.4607 |
| 9 | 1.3486 | 1.7951 | 1.3776 | 1.8570 | 1.4118 | 1.5045 | 1.7555 | 0.8662 |
| | 1.6674 | 1.3111 | 1.6348 | 1.2775 | 1.6077 | 1.5017 | 1.3478 | 2.4221 |
| 10 | 1.8228 | 1.3761 | 1.4484 | 1.5621 | 1.8798 | 1.4844 | 1.7500 | 0.8011 |
| | 1.2918 | 1.6373 | 1.5568 | 1.4625 | 1.2705 | 1.5176 | 1.3546 | 2.5557 |
| 11 | 1.3934 | 1.8533 | 1.5591 | 1.8755 | 1.5694 | 1.7938 | 1.7205 | 0.7535 |
| | 1.6135 | 1.2799 | 1.4650 | 1.2757 | 1.4402 | 1.3286 | 1.3791 | 2.7958 |
| 12 | 1.7861 | 1.4104 | 1.8784 | 1.5694 | 1.4353 | 1.7392 | 1.0132 | |
| | 1.3202 | 1.6088 | 1.2714 | 1.4404 | 1.5815 | 1.3705 | 2.0541 | |
| 13 | 1.3306 | 1.5039 | 1.4836 | 1.7937 | 1.7388 | 1.0895 | 0.6034 | |
| | 1.6918 | 1.5021 | 1.5182 | 1.3286 | 1.3708 | 2.1268 | 3.4932 | |
| 14 | 1.7360 | 1.7553 | 1.7499 | 1.7203 | 1.0129 | 0.5855 | | |
| | 1.3589 | 1.3479 | 1.3546 | 1.3793 | 2.0539 | 3.5099 | | |
| 15 | 0.8303 | 0.8662 | 0.8010 | 0.7532 | F-SUB-Q | | | |
| | 2.4607 | 2.4222 | 2.5559 | 2.7967 | 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 | 1.2363 | 1.3233 | 1.7734 | 1.3656 | 1.7395 | 1.3075 | 1.6919 | 0.8284 |
| | 1.7582 | 1.6171 | 1.2631 | 1.5678 | 1.2900 | 1.6396 | 1.3266 | 2.3532 |
| 9 | 1.3233 | 1.7456 | 1.3515 | 1.8027 | 1.3990 | 1.4775 | 1.7117 | 0.8649 |
| | 1.6171 | 1.2819 | 1.5865 | 1.2516 | 1.5438 | 1.4555 | 1.3144 | 2.3121 |
| 10 | 1.7734 | 1.3499 | 1.4280 | 1.5318 | 1.8263 | 1.4571 | 1.7062 | 0.8034 |
| | 1.2631 | 1.5889 | 1.5067 | 1.4187 | 1.2424 | 1.4703 | 1.3207 | 2.4274 |
| 11 | 1.3656 | 1.7991 | 1.5287 | 1.8248 | 1.5398 | 1.7502 | 1.6759 | 0.7523 |
| | 1.5678 | 1.2540 | 1.4211 | 1.2449 | 1.3946 | 1.2924 | 1.3439 | 2.6649 |
| 12 | 1.7395 | 1.3976 | 1.8248 | 1.5397 | 1.4074 | 1.6942 | 1.0138 | |
| | 1.2900 | 1.5455 | 1.2434 | 1.3948 | 1.5310 | 1.3336 | 1.9492 | |
| 13 | 1.3075 | 1.4769 | 1.4563 | 1.7501 | 1.6938 | 1.0797 | 0.6021 | |
| | 1.6396 | 1.4559 | 1.4709 | 1.2924 | 1.3340 | 2.0354 | 3.3260 | |
| 14 | 1.6919 | 1.7115 | 1.7060 | 1.6756 | 1.0137 | 0.5847 | | |
| | 1.3266 | 1.3145 | 1.3208 | 1.3441 | 1.9485 | 3.3392 | | |
| 15 | 0.8284 | 0.8648 | 0.8032 | 0.7521 | F-SUB-Q | | | |
| | 2.3532 | 2.3122 | 2.4277 | 2.6658 | 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 | 1.2002 | 1.2903 | 1.7320 | 1.3309 | 1.7016 | 1.2798 | 1.6579 | 0.7953 |
| | 1.7366 | 1.5925 | 1.2410 | 1.5447 | 1.2655 | 1.6092 | 1.2994 | 2.3551 |
| 9 | 1.2903 | 1.7061 | 1.3169 | 1.7597 | 1.3502 | 1.4498 | 1.6781 | 0.8310 |
| | 1.5925 | 1.2584 | 1.5635 | 1.2300 | 1.5352 | 1.4242 | 1.2863 | 2.3139 |
| 10 | 1.7320 | 1.3154 | 1.3925 | 1.4963 | 1.7835 | 1.4272 | 1.6723 | 0.7691 |
| | 1.2410 | 1.5659 | 1.4799 | 1.3935 | 1.2198 | 1.4403 | 1.2924 | 2.4374 |
| 11 | 1.3309 | 1.7560 | 1.4933 | 1.7799 | 1.5056 | 1.7157 | 1.6403 | 0.7224 |
| | 1.5447 | 1.2325 | 1.3960 | 1.2235 | 1.3677 | 1.2634 | 1.3162 | 2.6671 |
| 12 | 1.7016 | 1.3488 | 1.7821 | 1.5056 | 1.3798 | 1.6585 | 0.9732 | |
| | 1.2655 | 1.5361 | 1.2206 | 1.3679 | 1.4977 | 1.3052 | 1.9476 | |
| 13 | 1.2798 | 1.4493 | 1.4264 | 1.7155 | 1.6580 | 1.0420 | 0.5771 | |
| | 1.6092 | 1.4246 | 1.4410 | 1.2635 | 1.3055 | 2.0226 | 3.3330 | |
| 14 | 1.6579 | 1.6778 | 1.6720 | 1.6399 | 0.9724 | 0.5599 | | |
| | 1.2994 | 1.2865 | 1.2925 | 1.3164 | 1.9484 | 3.3496 | | |
| 15 | 0.7953 | 0.8310 | 0.7690 | 0.7220 | F-SUB-Q | | | |
| | 2.3551 | 2.3140 | 2.4377 | 2.6682 | 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 | 1.1189 | 1.1981 | 1.5828 | 1.2349 | 1.5605 | 1.1929 | 1.5202 | 0.7382 |
| | 1.8044 | 1.6599 | 1.3130 | 1.6109 | 1.3342 | 1.6720 | 1.3709 | 2.4607 |
| 9 | 1.1981 | 1.5607 | 1.2231 | 1.6088 | 1.2534 | 1.3472 | 1.5393 | 0.7690 |
| | 1.6599 | 1.3300 | 1.6290 | 1.3002 | 1.5967 | 1.4835 | 1.3562 | 2.4247 |
| 10 | 1.5828 | 1.2213 | 1.2989 | 1.3909 | 1.6324 | 1.3315 | 1.5330 | 0.7125 |
| | 1.3130 | 1.6319 | 1.5354 | 1.4495 | 1.2875 | 1.4937 | 1.3631 | 2.5511 |
| 11 | 1.2349 | 1.6053 | 1.3878 | 1.6294 | 1.3989 | 1.5761 | 1.4994 | 0.6675 |
| | 1.6109 | 1.3029 | 1.4523 | 1.2912 | 1.4231 | 1.3292 | 1.3920 | 2.7984 |
| 12 | 1.5605 | 1.2529 | 1.6310 | 1.3988 | 1.2850 | 1.5178 | 0.9032 | |
| | 1.3342 | 1.5976 | 1.2884 | 1.4233 | 1.5555 | 1.3782 | 2.0313 | |
| 13 | 1.1929 | 1.3467 | 1.3307 | 1.5759 | 1.5173 | 0.9603 | 0.5358 | |
| | 1.6720 | 1.4839 | 1.4945 | 1.3293 | 1.3786 | 2.1243 | 3.4819 | |
| 14 | 1.5202 | 1.5391 | 1.5327 | 1.4990 | 0.9023 | 0.5195 | | |
| | 1.3709 | 1.3564 | 1.3632 | 1.3923 | 2.0326 | 3.5011 | | |
| 15 | 0.7382 | 0.7690 | 0.7123 | 0.6672 | F-SUB-Q | | | |
| | 2.4607 | 2.4248 | 2.5514 | 2.7996 | 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 | 0.9216 | 0.9868 | 1.2845 | 1.0141 | 1.2671 | 0.9815 | 1.2289 | 0.6070 |
| | 2.1349 | 1.9621 | 1.5733 | 1.9095 | 1.5986 | 1.9789 | 1.6507 | 2.9216 |
| 9 | 0.9868 | 1.2828 | 1.0077 | 1.3290 | 1.0365 | 1.1013 | 1.2433 | 0.6298 |
| | 1.9621 | 1.5735 | 1.9245 | 1.5295 | 1.8781 | 1.7673 | 1.6340 | 2.8895 |
| 10 | 1.2845 | 1.0064 | 1.0736 | 1.1498 | 1.3472 | 1.1003 | 1.2370 | 0.5841 |
| | 1.5733 | 1.9278 | 1.8080 | 1.7051 | 1.5152 | 1.7602 | 1.6433 | 3.0369 |
| 11 | 1.0141 | 1.3266 | 1.1474 | 1.3441 | 1.1527 | 1.2719 | 1.2051 | 0.5455 |
| | 1.9095 | 1.5322 | 1.7083 | 1.5201 | 1.6789 | 1.6019 | 1.6867 | 3.3437 |
| 12 | 1.2671 | 1.0361 | 1.3462 | 1.1526 | 1.0407 | 1.2269 | 0.7425 | |
| | 1.5986 | 1.8791 | 1.5162 | 1.6792 | 1.8696 | 1.6587 | 2.4095 | |
| 13 | 0.9815 | 1.1009 | 1.0997 | 1.2717 | 1.2266 | 0.7730 | 0.4428 | |
| | 1.9789 | 1.7678 | 1.7611 | 1.6020 | 1.6592 | 2.5735 | 4.1165 | |
| 14 | 1.2289 | 1.2431 | 1.2368 | 1.2048 | 0.7416 | 0.4296 | | |
| | 1.6507 | 1.6342 | 1.6435 | 1.6870 | 2.4115 | 4.1363 | | |
| 15 | 0.6070 | 0.6298 | 0.5839 | 0.5453 | F-SUB-Q | | | |
| | 2.9216 | 2.8895 | 3.0376 | 3.3451 | 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 | 0.4265 | 0.4550 | 0.5469 | 0.4684 | 0.5408 | 0.4412 | 0.4915 | 0.2685 |
| | 4.5082 | 4.1561 | 3.6048 | 4.0346 | 3.6549 | 4.2953 | 4.0292 | 6.4636 |
| 9 | 0.4550 | 0.5313 | 0.4648 | 0.5575 | 0.4798 | 0.4650 | 0.4961 | 0.2756 |
| | 4.1561 | 3.7055 | 4.0725 | 3.5533 | 3.9576 | 4.0814 | 3.9966 | 6.4616 |
| 10 | 0.5469 | 0.4642 | 0.4661 | 0.5108 | 0.5649 | 0.4734 | 0.4931 | 0.2599 |
| | 3.6048 | 4.0792 | 4.0596 | 3.7408 | 3.5190 | 3.9838 | 4.0239 | 6.6800 |
| 11 | 0.4684 | 0.5566 | 0.5097 | 0.5636 | 0.4960 | 0.5373 | 0.4755 | 0.2382 |
| | 4.0346 | 3.5589 | 3.7474 | 3.5293 | 3.8006 | 3.6987 | 4.1736 | 7.4972 |
| 12 | 0.5408 | 0.4795 | 0.5645 | 0.4959 | 0.4412 | 0.4896 | 0.3283 | |
| | 3.6549 | 3.9605 | 3.5214 | 3.8017 | 4.3004 | 4.0572 | 5.3276 | |
| 13 | 0.4412 | 0.4648 | 0.4732 | 0.5371 | 0.4894 | 0.3499 | 0.1965 | |
| | 4.2953 | 4.0824 | 3.9860 | 3.6994 | 4.0585 | 5.5575 | 9.0903 | |
| 14 | 0.4915 | 0.4960 | 0.4930 | 0.4753 | 0.3279 | 0.1933 | | |
| | 4.0292 | 3.9972 | 4.0246 | 4.1749 | 5.3323 | 9.0076 | | |
| 15 | 0.2685 | 0.2756 | 0.2599 | 0.2381 | F-SUB-Q | | | |
| | 6.4636 | 6.4617 | 6.6805 | 7.5003 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.4508 | 0.5822 | 0.7269 | 0.6633 | 0.7533 | 0.6459 | 0.6972 | 0.4149 |
| | 3.5783 | 3.6540 | 3.1650 | 3.2068 | 3.0542 | 3.3320 | 3.3561 | 4.6286 |
| 9 | 0.5822 | 0.6843 | 0.6386 | 0.7500 | 0.6743 | 0.6656 | 0.6966 | 0.4232 |
| | 3.6540 | 3.4001 | 3.3649 | 3.0700 | 3.1588 | 3.2353 | 3.3558 | 4.6879 |
| 10 | 0.7269 | 0.6380 | 0.6453 | 0.6889 | 0.7405 | 0.6529 | 0.6737 | 0.3901 |
| | 3.1650 | 3.3685 | 3.3313 | 3.1181 | 3.0936 | 3.2026 | 3.3938 | 4.8619 |
| 11 | 0.6633 | 0.7495 | 0.6879 | 0.7119 | 0.6186 | 0.6628 | 0.6134 | 0.3495 |
| | 3.2068 | 3.0715 | 3.1217 | 3.2534 | 3.3137 | 3.3976 | 3.6775 | 5.5592 |
| 12 | 0.7533 | 0.6740 | 0.7401 | 0.6184 | 0.4515 | 0.5247 | 0.4067 | |
| | 3.0542 | 3.1605 | 3.0953 | 3.3148 | 3.4824 | 3.5892 | 4.3469 | |
| 13 | 0.6459 | 0.6655 | 0.6527 | 0.6626 | 0.5245 | 0.3483 | 0.2464 | |
| | 3.3320 | 3.2358 | 3.2035 | 3.3984 | 3.5903 | 4.5206 | 6.7667 | |
| 14 | 0.6972 | 0.6966 | 0.6736 | 0.6133 | 0.4063 | 0.2402 | | |
| | 3.3561 | 3.3560 | 3.3942 | 3.6784 | 4.3459 | 6.7608 | | |
| 15 | 0.4149 | 0.4232 | 0.3901 | 0.3493 | F-SUB-Q | | | |
| | 4.6286 | 4.6879 | 4.8619 | 5.5608 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8118 | 1.0669 | 1.3922 | 1.2121 | 1.4396 | 1.2079 | 1.4228 | 0.8122 |
| | 2.1278 | 2.0393 | 1.6897 | 1.7981 | 1.6375 | 1.8173 | 1.6841 | 2.4225 |
| 9 | 1.0669 | 1.3469 | 1.1694 | 1.4659 | 1.2309 | 1.3110 | 1.4232 | 0.8270 |
| | 2.0393 | 1.7517 | 1.8720 | 1.6088 | 1.7721 | 1.6766 | 1.6736 | 2.4465 |
| 10 | 1.3922 | 1.1682 | 1.2442 | 1.2919 | 1.4478 | 1.2722 | 1.3799 | 0.7568 |
| | 1.6897 | 1.8742 | 1.7700 | 1.6950 | 1.6212 | 1.6858 | 1.6959 | 2.5586 |
| 11 | 1.2121 | 1.4647 | 1.2900 | 1.3885 | 1.2015 | 1.2864 | 1.2635 | 0.6908 |
| | 1.7981 | 1.6098 | 1.6971 | 1.6932 | 1.7147 | 1.7636 | 1.8232 | 2.8846 |
| 12 | 1.4396 | 1.2305 | 1.4468 | 1.2011 | 0.8796 | 1.0758 | 0.7897 | |
| | 1.6375 | 1.7730 | 1.6221 | 1.7152 | 1.8150 | 1.7740 | 2.2611 | |
| 13 | 1.2079 | 1.3108 | 1.2720 | 1.2861 | 1.0753 | 0.6628 | 0.4802 | |
| | 1.8173 | 1.6767 | 1.6860 | 1.7639 | 1.7745 | 2.4524 | 3.5103 | |
| 14 | 1.4228 | 1.4232 | 1.3797 | 1.2631 | 0.7889 | 0.4682 | | |
| | 1.6841 | 1.6737 | 1.6961 | 1.8237 | 2.2607 | 3.5055 | | |
| 15 | 0.8122 | 0.8270 | 0.7567 | 0.6906 | F-SUB-Q | | | |
| | 2.4225 | 2.4466 | 2.5587 | 2.8852 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9409 | 1.2207 | 1.6218 | 1.3865 | 1.6700 | 1.3725 | 1.6545 | 0.9461 |
| | 1.9355 | 1.8076 | 1.4684 | 1.5930 | 1.4302 | 1.6156 | 1.4497 | 2.0845 |
| 9 | 1.2207 | 1.5382 | 1.3366 | 1.6772 | 1.3992 | 1.5032 | 1.6556 | 0.9753 |
| | 1.8076 | 1.5473 | 1.6559 | 1.4226 | 1.5798 | 1.4720 | 1.4445 | 2.0868 |
| 10 | 1.6218 | 1.3351 | 1.4110 | 1.4677 | 1.6517 | 1.4487 | 1.6053 | 0.8952 |
| | 1.4684 | 1.6581 | 1.5602 | 1.5082 | 1.4381 | 1.5003 | 1.4748 | 2.1861 |
| 11 | 1.3865 | 1.6761 | 1.4655 | 1.5813 | 1.3824 | 1.4960 | 1.4747 | 0.8138 |
| | 1.5930 | 1.4240 | 1.5101 | 1.4942 | 1.5186 | 1.5297 | 1.5839 | 2.4834 |
| 12 | 1.6700 | 1.3986 | 1.6507 | 1.3818 | 1.0233 | 1.2519 | 0.9261 | |
| | 1.4302 | 1.5806 | 1.4389 | 1.5191 | 1.6044 | 1.5455 | 1.9471 | |
| 13 | 1.3725 | 1.5031 | 1.4485 | 1.4958 | 1.2513 | 0.7706 | 0.5567 | |
| | 1.6156 | 1.4721 | 1.5003 | 1.5299 | 1.5459 | 2.0951 | 3.0634 | |
| 14 | 1.6545 | 1.6556 | 1.6052 | 1.4743 | 0.9255 | 0.5461 | | |
| | 1.4497 | 1.4445 | 1.4749 | 1.5842 | 1.9461 | 3.0416 | | |
| 15 | 0.9461 | 0.9753 | 0.8951 | 0.8136 | F-SUB-Q | | | |
| | 2.0845 | 2.0868 | 2.1861 | 2.4839 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9833 | 1.2814 | 1.7420 | 1.4573 | 1.7876 | 1.4385 | 1.7791 | 0.9820 |
| | 1.8833 | 1.7464 | 1.3849 | 1.5354 | 1.3528 | 1.5581 | 1.3585 | 2.0227 |
| 9 | 1.2814 | 1.6552 | 1.4043 | 1.8074 | 1.4667 | 1.5842 | 1.7797 | 1.0125 |
| | 1.7464 | 1.4561 | 1.5961 | 1.3370 | 1.5266 | 1.4105 | 1.3557 | 2.0260 |
| 10 | 1.7420 | 1.4026 | 1.4767 | 1.5439 | 1.7791 | 1.5206 | 1.7270 | 0.9231 |
| | 1.3849 | 1.5983 | 1.5071 | 1.4517 | 1.3523 | 1.4476 | 1.3869 | 2.1445 |
| 11 | 1.4573 | 1.8062 | 1.5417 | 1.7015 | 1.4518 | 1.6023 | 1.5905 | 0.8436 |
| | 1.5354 | 1.3381 | 1.4536 | 1.4037 | 1.4599 | 1.4455 | 1.4818 | 2.4225 |
| 12 | 1.7876 | 1.4662 | 1.7781 | 1.4511 | 1.0713 | 1.3516 | 0.9583 | |
| | 1.3528 | 1.5273 | 1.3530 | 1.4604 | 1.5503 | 1.4562 | 1.9079 | |
| 13 | 1.4385 | 1.5840 | 1.5206 | 1.6021 | 1.3510 | 0.8135 | 0.5734 | |
| | 1.5581 | 1.4106 | 1.4475 | 1.4457 | 1.4566 | 2.0294 | 3.0255 | |
| 14 | 1.7791 | 1.7797 | 1.7269 | 1.5901 | 0.9580 | 0.5627 | | |
| | 1.3585 | 1.3557 | 1.3870 | 1.4821 | 1.9064 | 3.0026 | | |
| 15 | 0.9820 | 1.0126 | 0.9230 | 0.8434 | F-SUB-Q | | | |
| | 2.0227 | 2.0259 | 2.1444 | 2.4230 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9943 | 1.2813 | 1.7503 | 1.4520 | 1.7907 | 1.4304 | 1.7859 | 0.9794 |
| | 1.9280 | 1.7771 | 1.3992 | 1.5617 | 1.3680 | 1.5899 | 1.3717 | 2.0567 |
| 9 | 1.2813 | 1.6636 | 1.4011 | 1.8187 | 1.4604 | 1.5777 | 1.7862 | 1.0120 |
| | 1.7771 | 1.4740 | 1.6243 | 1.3468 | 1.5527 | 1.4370 | 1.3698 | 2.0561 |
| 10 | 1.7503 | 1.3993 | 1.4659 | 1.5409 | 1.7899 | 1.5106 | 1.7335 | 0.9226 |
| | 1.3992 | 1.6266 | 1.5417 | 1.4731 | 1.3608 | 1.4731 | 1.3971 | 2.1741 |
| 11 | 1.4520 | 1.8177 | 1.5390 | 1.7110 | 1.4559 | 1.6076 | 1.6007 | 0.8434 |
| | 1.5617 | 1.3477 | 1.4748 | 1.4157 | 1.4858 | 1.4635 | 1.4912 | 2.4502 |
| 12 | 1.7907 | 1.4599 | 1.7887 | 1.4553 | 1.0817 | 1.3654 | 0.9612 | |
| | 1.3680 | 1.5534 | 1.3615 | 1.4863 | 1.5864 | 1.4734 | 1.9364 | |
| 13 | 1.4304 | 1.5776 | 1.5107 | 1.6075 | 1.3649 | 0.8247 | 0.5740 | |
| | 1.5899 | 1.4371 | 1.4730 | 1.4636 | 1.4737 | 2.0612 | 3.0909 | |
| 14 | 1.7859 | 1.7862 | 1.7334 | 1.6005 | 0.9610 | 0.5633 | | |
| | 1.3717 | 1.3698 | 1.3971 | 1.4914 | 1.9347 | 3.0672 | | |
| 15 | 0.9794 | 1.0121 | 0.9225 | 0.8433 | F-SUB-Q | | | |
| | 2.0567 | 2.0560 | 2.1740 | 2.4504 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9905 | 1.2682 | 1.7218 | 1.4225 | 1.7575 | 1.3993 | 1.7538 | 0.9635 |
| | 1.9939 | 1.8305 | 1.4451 | 1.6194 | 1.4148 | 1.6445 | 1.4137 | 2.1167 |
| 9 | 1.2682 | 1.6378 | 1.3752 | 1.7892 | 1.4307 | 1.5449 | 1.7540 | 0.9968 |
| | 1.8305 | 1.5213 | 1.6810 | 1.3897 | 1.6104 | 1.4845 | 1.4111 | 2.1132 |
| 10 | 1.7218 | 1.3735 | 1.4347 | 1.5125 | 1.7619 | 1.4763 | 1.7023 | 0.9122 |
| | 1.4451 | 1.6834 | 1.6003 | 1.5255 | 1.4064 | 1.5326 | 1.4435 | 2.2277 |
| 11 | 1.4225 | 1.7883 | 1.5106 | 1.6834 | 1.4369 | 1.5797 | 1.5743 | 0.8313 |
| | 1.6194 | 1.3906 | 1.5273 | 1.4595 | 1.5377 | 1.5131 | 1.5464 | 2.5321 |
| 12 | 1.7575 | 1.4303 | 1.7608 | 1.4364 | 1.0751 | 1.3491 | 0.9530 | |
| | 1.4148 | 1.6111 | 1.4072 | 1.5382 | 1.6521 | 1.5282 | 1.9927 | |
| 13 | 1.3993 | 1.5448 | 1.4764 | 1.5796 | 1.3486 | 0.8233 | 0.5691 | |
| | 1.6445 | 1.4845 | 1.5325 | 1.5131 | 1.5285 | 2.1351 | 3.2027 | |
| 14 | 1.7538 | 1.7540 | 1.7023 | 1.5742 | 0.9528 | 0.5584 | | |
| | 1.4137 | 1.4111 | 1.4435 | 1.5466 | 1.9908 | 3.1788 | | |
| 15 | 0.9635 | 0.9968 | 0.9122 | 0.8312 | F-SUB-Q | | | |
| | 2.1167 | 2.1131 | 2.2276 | 2.5323 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9733 | 1.2431 | 1.7028 | 1.3968 | 1.7339 | 1.3729 | 1.7325 | 0.9392 |
| | 2.0543 | 1.8810 | 1.4995 | 1.6912 | 1.4694 | 1.7126 | 1.4604 | 2.2153 |
| 9 | 1.2431 | 1.6219 | 1.3514 | 1.7708 | 1.4036 | 1.5178 | 1.7326 | 0.9719 |
| | 1.8810 | 1.5766 | 1.7558 | 1.4398 | 1.6841 | 1.5444 | 1.4589 | 2.2119 |
| 10 | 1.7028 | 1.3497 | 1.4083 | 1.4878 | 1.7437 | 1.4494 | 1.6823 | 0.8862 |
| | 1.4995 | 1.7583 | 1.6732 | 1.5922 | 1.4587 | 1.6021 | 1.4965 | 2.3475 |
| 11 | 1.3968 | 1.7700 | 1.4859 | 1.6666 | 1.4094 | 1.5608 | 1.5588 | 0.8110 |
| | 1.6912 | 1.4404 | 1.5940 | 1.4945 | 1.5866 | 1.5553 | 1.6016 | 2.6676 |
| 12 | 1.7339 | 1.4032 | 1.7427 | 1.4089 | 1.0550 | 1.3390 | 0.9319 | |
| | 1.4694 | 1.6848 | 1.4594 | 1.5871 | 1.7158 | 1.5747 | 2.0796 | |
| 13 | 1.3729 | 1.5177 | 1.4495 | 1.5607 | 1.3385 | 0.8119 | 0.5574 | |
| | 1.7126 | 1.5444 | 1.6020 | 1.5553 | 1.5750 | 2.2232 | 3.3545 | |
| 14 | 1.7325 | 1.7327 | 1.6824 | 1.5586 | 0.9319 | 0.5463 | | |
| | 1.4604 | 1.4589 | 1.4965 | 1.6017 | 2.0774 | 3.3332 | | |
| 15 | 0.9392 | 0.9720 | 0.8861 | 0.8109 | F-SUB-Q | | | |
| | 2.2153 | 2.2118 | 2.3474 | 2.6677 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9596 | 1.2244 | 1.6800 | 1.3717 | 1.7066 | 1.3467 | 1.7054 | 0.9197 |
| | 2.1311 | 1.9550 | 1.5768 | 1.7848 | 1.5458 | 1.8032 | 1.5306 | 2.3338 |
| 9 | 1.2244 | 1.6020 | 1.3291 | 1.7466 | 1.3780 | 1.4903 | 1.7057 | 0.9524 |
| | 1.9550 | 1.6325 | 1.8526 | 1.5126 | 1.7786 | 1.6250 | 1.5298 | 2.3293 |
| 10 | 1.6800 | 1.3274 | 1.3834 | 1.4638 | 1.7204 | 1.4229 | 1.6577 | 0.8681 |
| | 1.5768 | 1.8552 | 1.7682 | 1.6795 | 1.5337 | 1.6924 | 1.5725 | 2.4791 |
| 11 | 1.3717 | 1.7457 | 1.4620 | 1.6456 | 1.3879 | 1.5398 | 1.5397 | 0.7962 |
| | 1.7848 | 1.5132 | 1.6814 | 1.5455 | 1.6464 | 1.6101 | 1.6573 | 2.8213 |
| 12 | 1.7066 | 1.3776 | 1.7195 | 1.3875 | 1.0392 | 1.3267 | 0.9191 | |
| | 1.5458 | 1.7793 | 1.5345 | 1.6468 | 1.7780 | 1.6267 | 2.1554 | |
| 13 | 1.3467 | 1.4902 | 1.4230 | 1.5397 | 1.3263 | 0.8046 | 0.5510 | |
| | 1.8032 | 1.6250 | 1.6923 | 1.6101 | 1.6270 | 2.3079 | 3.4839 | |
| 14 | 1.7054 | 1.7058 | 1.6577 | 1.5396 | 0.9191 | 0.5396 | | |
| | 1.5306 | 1.5298 | 1.5724 | 1.6574 | 2.1530 | 3.4647 | | |
| 15 | 0.9197 | 0.9524 | 0.8680 | 0.7961 | F-SUB-Q | | | |
| | 2.3338 | 2.3291 | 2.4789 | 2.8214 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9542 | 1.2119 | 1.6703 | 1.3551 | 1.6916 | 1.3283 | 1.6896 | 0.9025 |
| | 2.2297 | 2.0406 | 1.6636 | 1.8917 | 1.6311 | 1.9072 | 1.6101 | 2.4781 |
| 9 | 1.2119 | 1.5962 | 1.3151 | 1.7358 | 1.3612 | 1.4722 | 1.6903 | 0.9338 |
| | 2.0406 | 1.6937 | 1.9640 | 1.5938 | 1.8866 | 1.7168 | 1.6101 | 2.4761 |
| 10 | 1.6703 | 1.3135 | 1.3689 | 1.4499 | 1.7111 | 1.4075 | 1.6458 | 0.8509 |
| | 1.6636 | 1.9668 | 1.8636 | 1.7709 | 1.6004 | 1.7909 | 1.6574 | 2.6429 |
| 11 | 1.3551 | 1.7349 | 1.4482 | 1.6398 | 1.3747 | 1.5340 | 1.5346 | 0.7832 |
| | 1.8917 | 1.5946 | 1.7730 | 1.6072 | 1.7204 | 1.6772 | 1.7231 | 3.0076 |
| 12 | 1.6916 | 1.3610 | 1.7102 | 1.3744 | 1.0331 | 1.3301 | 0.9111 | |
| | 1.6311 | 1.8872 | 1.6009 | 1.7207 | 1.8589 | 1.6913 | 2.2629 | |
| 13 | 1.3283 | 1.4721 | 1.4075 | 1.5340 | 1.3297 | 0.8058 | 0.5492 | |
| | 1.9072 | 1.7169 | 1.7908 | 1.6772 | 1.6916 | 2.4154 | 3.6559 | |
| 14 | 1.6896 | 1.6904 | 1.6459 | 1.5346 | 0.9112 | 0.5373 | | |
| | 1.6101 | 1.6100 | 1.6573 | 1.7232 | 2.2602 | 3.6396 | | |
| 15 | 0.9025 | 0.9339 | 0.8508 | 0.7830 | F-SUB-Q | | | |
| | 2.4781 | 2.4759 | 2.6427 | 3.0080 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9673 | 1.2185 | 1.6429 | 1.3337 | 1.6569 | 1.3036 | 1.6521 | 0.8976 |
| | 2.3450 | 2.1467 | 1.7685 | 2.0318 | 1.7580 | 2.0453 | 1.7319 | 2.6224 |
| 9 | 1.2185 | 1.5753 | 1.3025 | 1.7020 | 1.3499 | 1.4449 | 1.6539 | 0.9303 |
| | 2.1467 | 1.7894 | 2.0842 | 1.7123 | 1.9946 | 1.8426 | 1.7320 | 2.6140 |
| 10 | 1.6429 | 1.3020 | 1.3498 | 1.4321 | 1.6831 | 1.3860 | 1.6142 | 0.8550 |
| | 1.7685 | 2.0854 | 1.9690 | 1.8690 | 1.6930 | 1.8936 | 1.7808 | 2.7738 |
| 11 | 1.3337 | 1.7010 | 1.4306 | 1.6185 | 1.3779 | 1.5189 | 1.5154 | 0.7855 |
| | 2.0318 | 1.7141 | 1.8711 | 1.7017 | 1.8165 | 1.7764 | 1.8191 | 3.1241 |
| 12 | 1.6569 | 1.3492 | 1.6823 | 1.3775 | 1.0487 | 1.3311 | 0.9285 | |
| | 1.7580 | 1.9960 | 1.6935 | 1.8168 | 1.9774 | 1.8015 | 2.3462 | |
| 13 | 1.3036 | 1.4447 | 1.3860 | 1.5189 | 1.3307 | 0.8287 | 0.5644 | |
| | 2.0453 | 1.8427 | 1.8937 | 1.7763 | 1.8018 | 2.5327 | 3.8062 | |
| 14 | 1.6521 | 1.6540 | 1.6144 | 1.5154 | 0.9285 | 0.5517 | | |
| | 1.7319 | 1.7319 | 1.7806 | 1.8192 | 2.3436 | 3.7917 | | |
| 15 | 0.8976 | 0.9304 | 0.8550 | 0.7854 | F-SUB-Q | | | |
| | 2.6224 | 2.6138 | 2.7736 | 3.1244 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0147 | 1.2241 | 1.6644 | 1.3338 | 1.6686 | 1.3008 | 1.6622 | 0.8826 |
| | 2.4629 | 2.2534 | 1.8432 | 2.1549 | 1.8571 | 2.1736 | 1.8242 | 2.8216 |
| 9 | 1.2241 | 1.6064 | 1.3034 | 1.7224 | 1.3428 | 1.4459 | 1.6649 | 0.9162 |
| | 2.2534 | 1.8604 | 2.1925 | 1.7822 | 2.1169 | 1.9541 | 1.8248 | 2.8117 |
| 10 | 1.6644 | 1.3019 | 1.3576 | 1.4412 | 1.7078 | 1.3933 | 1.6321 | 0.8377 |
| | 1.8432 | 2.1955 | 2.0676 | 1.9603 | 1.7591 | 1.9863 | 1.8541 | 3.0077 |
| 11 | 1.3338 | 1.7210 | 1.4395 | 1.6542 | 1.3880 | 1.5570 | 1.5467 | 0.7787 |
| | 2.1549 | 1.7840 | 1.9625 | 1.7661 | 1.9006 | 1.8476 | 1.8893 | 3.3242 |
| 12 | 1.6686 | 1.3426 | 1.7070 | 1.3878 | 1.1011 | 1.3934 | 0.9359 | |
| | 1.8571 | 2.1183 | 1.7595 | 1.9009 | 2.0635 | 1.8656 | 2.4938 | |
| 13 | 1.3008 | 1.4457 | 1.3933 | 1.5570 | 1.3930 | 0.8808 | 0.5766 | |
| | 2.1736 | 1.9543 | 1.9865 | 1.8475 | 1.8658 | 2.6733 | 4.0414 | |
| 14 | 1.6622 | 1.6650 | 1.6323 | 1.5467 | 0.9360 | 0.5632 | | |
| | 1.8242 | 1.8246 | 1.8540 | 1.8892 | 2.4908 | 4.0289 | | |
| 15 | 0.8826 | 0.9163 | 0.8377 | 0.7786 | F-SUB-Q | | | |
| | 2.8216 | 2.8115 | 3.0074 | 3.3244 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1045 | 1.2480 | 1.6730 | 1.3312 | 1.6661 | 1.2939 | 1.6562 | 0.8773 |
| | 2.5433 | 2.3191 | 1.9026 | 2.2270 | 1.9294 | 2.3112 | 1.9486 | 3.0189 |
| 9 | 1.2480 | 1.6305 | 1.3063 | 1.7266 | 1.3441 | 1.4402 | 1.6602 | 0.9115 |
| | 2.3191 | 1.9190 | 2.2605 | 1.8531 | 2.2014 | 2.0704 | 1.9446 | 3.0066 |
| 10 | 1.6730 | 1.3048 | 1.3624 | 1.4470 | 1.7185 | 1.3965 | 1.6350 | 0.8362 |
| | 1.9026 | 2.2636 | 2.1466 | 2.0433 | 1.8473 | 2.0868 | 1.9573 | 3.1740 |
| 11 | 1.3312 | 1.7251 | 1.4453 | 1.6821 | 1.4124 | 1.5893 | 1.5670 | 0.7814 |
| | 2.2270 | 1.8548 | 2.0456 | 1.8580 | 2.0023 | 1.9569 | 1.9995 | 3.5081 |
| 12 | 1.6661 | 1.3435 | 1.7178 | 1.4124 | 1.2014 | 1.4904 | 0.9627 | |
| | 1.9294 | 2.2027 | 1.8478 | 2.0025 | 2.1874 | 1.9712 | 2.6384 | |
| 13 | 1.2939 | 1.4400 | 1.3965 | 1.5895 | 1.4903 | 0.9685 | 0.6021 | |
| | 2.3112 | 2.0705 | 2.0868 | 1.9567 | 1.9714 | 2.8237 | 4.2712 | |
| 14 | 1.6562 | 1.6603 | 1.6351 | 1.5670 | 0.9628 | 0.5879 | | |
| | 1.9486 | 1.9444 | 1.9571 | 1.9995 | 2.6351 | 4.2606 | | |
| 15 | 0.8773 | 0.9116 | 0.8362 | 0.7813 | F-SUB-Q | | | |
| | 3.0189 | 3.0063 | 3.1737 | 3.5084 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1738 | 1.2654 | 1.6671 | 1.3245 | 1.6504 | 1.2826 | 1.6369 | 0.8799 |
| | 2.4932 | 2.2856 | 1.8819 | 2.1968 | 1.9103 | 2.2825 | 1.9342 | 2.9592 |
| 9 | 1.2654 | 1.6416 | 1.3083 | 1.7154 | 1.3541 | 1.4279 | 1.6424 | 0.9133 |
| | 2.2856 | 1.8982 | 2.2257 | 1.8358 | 2.1532 | 2.0469 | 1.9267 | 2.9459 |
| 10 | 1.6671 | 1.3078 | 1.3612 | 1.4467 | 1.7134 | 1.3933 | 1.6237 | 0.8457 |
| | 1.8819 | 2.2268 | 2.1222 | 2.0179 | 1.8314 | 2.0654 | 1.9414 | 3.0816 |
| 11 | 1.3245 | 1.7137 | 1.4450 | 1.6950 | 1.4366 | 1.6044 | 1.5721 | 0.7899 |
| | 2.1968 | 1.8375 | 2.0201 | 1.8422 | 1.9815 | 1.9418 | 1.9884 | 3.4285 |
| 12 | 1.6504 | 1.3535 | 1.7127 | 1.4365 | 1.3004 | 1.5530 | 0.9971 | |
| | 1.9103 | 2.1545 | 1.8318 | 1.9816 | 2.1777 | 1.9772 | 2.5760 | |
| 13 | 1.2826 | 1.4277 | 1.3933 | 1.6046 | 1.5529 | 1.0405 | 0.6304 | |
| | 2.2825 | 2.0471 | 2.0654 | 1.9416 | 1.9774 | 2.7924 | 4.1838 | |
| 14 | 1.6369 | 1.6425 | 1.6239 | 1.5722 | 0.9972 | 0.6156 | | |
| | 1.9342 | 1.9266 | 1.9411 | 1.9883 | 2.5730 | 4.1732 | | |
| 15 | 0.8799 | 0.9134 | 0.8457 | 0.7899 | F-SUB-Q | | | |
| | 2.9592 | 2.9457 | 3.0813 | 3.4287 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1949 | 1.2810 | 1.6928 | 1.3299 | 1.6679 | 1.2854 | 1.6533 | 0.8681 |
| | 2.4527 | 2.2334 | 1.8230 | 2.1438 | 1.8505 | 2.2109 | 1.8602 | 2.8982 |
| 9 | 1.2810 | 1.6779 | 1.3138 | 1.7418 | 1.3497 | 1.4344 | 1.6597 | 0.9027 |
| | 2.2334 | 1.8394 | 2.1760 | 1.7774 | 2.1254 | 1.9884 | 1.8600 | 2.8854 |
| 10 | 1.6928 | 1.3123 | 1.3724 | 1.4598 | 1.7454 | 1.4038 | 1.6467 | 0.8319 |
| | 1.8230 | 2.1789 | 2.0755 | 1.9714 | 1.7797 | 2.0206 | 1.8827 | 3.0688 |
| 11 | 1.3299 | 1.7402 | 1.4582 | 1.7343 | 1.4586 | 1.6401 | 1.6054 | 0.7853 |
| | 2.1438 | 1.7790 | 1.9735 | 1.7916 | 1.9422 | 1.8924 | 1.9340 | 3.4015 |
| 12 | 1.6679 | 1.3492 | 1.7450 | 1.4588 | 1.3410 | 1.6122 | 1.0008 | |
| | 1.8505 | 2.1266 | 1.7801 | 1.9422 | 2.1323 | 1.9211 | 2.5673 | |
| 13 | 1.2854 | 1.4342 | 1.4038 | 1.6404 | 1.6121 | 1.0681 | 0.6379 | |
| | 2.2109 | 1.9886 | 2.0206 | 1.8921 | 1.9213 | 2.7589 | 4.1661 | |
| 14 | 1.6533 | 1.6598 | 1.6470 | 1.6056 | 1.0010 | 0.6221 | | |
| | 1.8602 | 1.8598 | 1.8824 | 1.9338 | 2.5639 | 4.1608 | | |
| 15 | 0.8681 | 0.9027 | 0.8319 | 0.7852 | F-SUB-Q | | | |
| | 2.8982 | 2.8851 | 3.0684 | 3.4019 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2067 | 1.2890 | 1.7036 | 1.3325 | 1.6733 | 1.2844 | 1.6572 | 0.8642 |
| | 2.2951 | 2.1008 | 1.7249 | 2.0273 | 1.7489 | 2.0952 | 1.7643 | 2.7442 |
| 9 | 1.2890 | 1.6939 | 1.3177 | 1.7523 | 1.3508 | 1.4349 | 1.6643 | 0.8965 |
| | 2.1008 | 1.7324 | 2.0568 | 1.6866 | 2.0213 | 1.8836 | 1.7624 | 2.7382 |
| 10 | 1.7036 | 1.3161 | 1.3764 | 1.4657 | 1.7605 | 1.4070 | 1.6550 | 0.8287 |
| | 1.7249 | 2.0592 | 1.9623 | 1.8700 | 1.6868 | 1.9178 | 1.7862 | 2.8968 |
| 11 | 1.3325 | 1.7507 | 1.4641 | 1.7522 | 1.4694 | 1.6557 | 1.6207 | 0.7828 |
| | 2.0273 | 1.6879 | 1.8718 | 1.6961 | 1.8397 | 1.7916 | 1.8253 | 3.2092 |
| 12 | 1.6733 | 1.3503 | 1.7602 | 1.4696 | 1.3574 | 1.6386 | 1.0075 | |
| | 1.7489 | 2.0222 | 1.6871 | 1.8397 | 2.0149 | 1.8131 | 2.4199 | |
| 13 | 1.2844 | 1.4347 | 1.4069 | 1.6560 | 1.6385 | 1.0837 | 0.6447 | |
| | 2.0952 | 1.8838 | 1.9178 | 1.7913 | 1.8133 | 2.5925 | 3.8780 | |
| 14 | 1.6572 | 1.6644 | 1.6553 | 1.6209 | 1.0078 | 0.6281 | | |
| | 1.7643 | 1.7622 | 1.7859 | 1.8251 | 2.4165 | 3.8761 | | |
| 15 | 0.8642 | 0.8966 | 0.8287 | 0.7827 | F-SUB-Q | | | |
| | 2.7442 | 2.7379 | 2.8965 | 3.2096 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2107 | 1.2921 | 1.7072 | 1.3332 | 1.6735 | 1.2820 | 1.6558 | 0.8642 |
| | 2.1158 | 1.9369 | 1.5861 | 1.8651 | 1.6096 | 1.9348 | 1.6275 | 2.5317 |
| 9 | 1.2921 | 1.7002 | 1.3191 | 1.7552 | 1.3559 | 1.4331 | 1.6634 | 0.9004 |
| | 1.9369 | 1.5948 | 1.8931 | 1.5508 | 1.8576 | 1.7372 | 1.6244 | 2.5144 |
| 10 | 1.7072 | 1.3175 | 1.3775 | 1.4680 | 1.7659 | 1.4068 | 1.6559 | 0.8316 |
| | 1.5861 | 1.8955 | 1.8124 | 1.7253 | 1.5545 | 1.7724 | 1.6451 | 2.6573 |
| 11 | 1.3332 | 1.7537 | 1.4664 | 1.7590 | 1.4733 | 1.6608 | 1.6258 | 0.7880 |
| | 1.8651 | 1.5520 | 1.7270 | 1.5625 | 1.6970 | 1.6513 | 1.6816 | 2.9481 |
| 12 | 1.6735 | 1.3554 | 1.7656 | 1.4736 | 1.3627 | 1.6491 | 1.0166 | |
| | 1.6096 | 1.8584 | 1.5547 | 1.6969 | 1.8582 | 1.6673 | 2.2193 | |
| 13 | 1.2820 | 1.4329 | 1.4068 | 1.6611 | 1.6490 | 1.0946 | 0.6512 | |
| | 1.9348 | 1.7374 | 1.7724 | 1.6510 | 1.6675 | 2.3780 | 3.5592 | |
| 14 | 1.6558 | 1.6636 | 1.6562 | 1.6261 | 1.0169 | 0.6344 | | |
| | 1.6275 | 1.6242 | 1.6448 | 1.6814 | 2.2163 | 3.5581 | | |
| 15 | 0.8642 | 0.9005 | 0.8317 | 0.7879 | F-SUB-Q | | | |
| | 2.5317 | 2.5142 | 2.6569 | 2.9482 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2174 | 1.2939 | 1.7020 | 1.3341 | 1.6662 | 1.2787 | 1.6465 | 0.8728 |
| | 2.1055 | 1.9368 | 1.5902 | 1.8678 | 1.6198 | 1.9458 | 1.6412 | 2.5187 |
| 9 | 1.2939 | 1.6957 | 1.3237 | 1.7483 | 1.3678 | 1.4288 | 1.6545 | 0.9075 |
| | 1.9368 | 1.5999 | 1.8899 | 1.5573 | 1.8417 | 1.7466 | 1.6369 | 2.5037 |
| 10 | 1.7020 | 1.3233 | 1.3788 | 1.4673 | 1.7604 | 1.4038 | 1.6477 | 0.8440 |
| | 1.5902 | 1.8907 | 1.8153 | 1.7254 | 1.5627 | 1.7754 | 1.6530 | 2.6232 |
| 11 | 1.3341 | 1.7468 | 1.4657 | 1.7542 | 1.4725 | 1.6560 | 1.6207 | 0.7959 |
| | 1.8678 | 1.5585 | 1.7270 | 1.5722 | 1.7039 | 1.6621 | 1.6919 | 2.9211 |
| 12 | 1.6662 | 1.3674 | 1.7601 | 1.4728 | 1.3614 | 1.6460 | 1.0330 | |
| | 1.6198 | 1.8425 | 1.5631 | 1.7039 | 1.8677 | 1.6767 | 2.1940 | |
| 13 | 1.2787 | 1.4286 | 1.4037 | 1.6564 | 1.6459 | 1.1066 | 0.6609 | |
| | 1.9458 | 1.7468 | 1.7754 | 1.6618 | 1.6768 | 2.3622 | 3.5277 | |
| 14 | 1.6465 | 1.6547 | 1.6480 | 1.6210 | 1.0332 | 0.6442 | | |
| | 1.6412 | 1.6368 | 1.6527 | 1.6916 | 2.1911 | 3.5247 | | |
| 15 | 0.8728 | 0.9075 | 0.8441 | 0.7958 | F-SUB-Q | | | |
| | 2.5187 | 2.5035 | 2.6228 | 2.9212 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2232 | 1.3046 | 1.7326 | 1.3442 | 1.6945 | 1.2898 | 1.6755 | 0.8650 |
| | 1.9478 | 1.7897 | 1.4593 | 1.7320 | 1.4901 | 1.8063 | 1.5097 | 2.3786 |
| 9 | 1.3046 | 1.7283 | 1.3305 | 1.7824 | 1.3650 | 1.4447 | 1.6842 | 0.8989 |
| | 1.7897 | 1.4638 | 1.7548 | 1.4279 | 1.7247 | 1.6167 | 1.5052 | 2.3679 |
| 10 | 1.7326 | 1.3290 | 1.3889 | 1.4832 | 1.7946 | 1.4175 | 1.6779 | 0.8318 |
| | 1.4593 | 1.7564 | 1.6795 | 1.5943 | 1.4299 | 1.6419 | 1.5159 | 2.4904 |
| 11 | 1.3442 | 1.7809 | 1.4816 | 1.7886 | 1.4887 | 1.6848 | 1.6514 | 0.7882 |
| | 1.7320 | 1.4289 | 1.5958 | 1.4378 | 1.5719 | 1.5224 | 1.5471 | 2.7534 |
| 12 | 1.6945 | 1.3646 | 1.7943 | 1.4890 | 1.3778 | 1.6792 | 1.0236 | |
| | 1.4901 | 1.7253 | 1.4301 | 1.5717 | 1.7179 | 1.5334 | 2.0663 | |
| 13 | 1.2898 | 1.4445 | 1.4175 | 1.6852 | 1.6791 | 1.1076 | 0.6560 | |
| | 1.8063 | 1.6169 | 1.6419 | 1.5221 | 1.5334 | 2.2028 | 3.3236 | |
| 14 | 1.6755 | 1.6845 | 1.6783 | 1.6517 | 1.0240 | 0.6382 | | |
| | 1.5097 | 1.5050 | 1.5156 | 1.5468 | 2.0632 | 3.3270 | | |
| 15 | 0.8650 | 0.8990 | 0.8319 | 0.7881 | F-SUB-Q | | | |
| | 2.3786 | 2.3677 | 2.4900 | 2.7537 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2303 | 1.3119 | 1.7458 | 1.3516 | 1.7066 | 1.2968 | 1.6879 | 0.8686 |
| | 1.8207 | 1.6786 | 1.3669 | 1.6272 | 1.3975 | 1.6982 | 1.4156 | 2.2402 |
| 9 | 1.3119 | 1.7418 | 1.3380 | 1.7966 | 1.3735 | 1.4540 | 1.6970 | 0.9031 |
| | 1.6786 | 1.3694 | 1.6479 | 1.3370 | 1.6180 | 1.5175 | 1.4108 | 2.2288 |
| 10 | 1.7458 | 1.3364 | 1.3972 | 1.4933 | 1.8096 | 1.4261 | 1.6908 | 0.8357 |
| | 1.3669 | 1.6493 | 1.5761 | 1.4941 | 1.3363 | 1.5399 | 1.4189 | 2.3419 |
| 11 | 1.3516 | 1.7951 | 1.4916 | 1.8036 | 1.4986 | 1.6977 | 1.6649 | 0.7920 |
| | 1.6272 | 1.3380 | 1.4956 | 1.3427 | 1.4701 | 1.4212 | 1.4442 | 2.5855 |
| 12 | 1.7066 | 1.3732 | 1.8093 | 1.4990 | 1.3865 | 1.6936 | 1.0302 | |
| | 1.3975 | 1.6187 | 1.3365 | 1.4699 | 1.6009 | 1.4266 | 1.9301 | |
| 13 | 1.2968 | 1.4538 | 1.4260 | 1.6982 | 1.6935 | 1.1153 | 0.6594 | |
| | 1.6982 | 1.5177 | 1.5399 | 1.4209 | 1.4266 | 2.0531 | 3.1084 | |
| 14 | 1.6879 | 1.6973 | 1.6911 | 1.6652 | 1.0306 | 0.6413 | | |
| | 1.4156 | 1.4106 | 1.4185 | 1.4439 | 1.9272 | 3.1127 | | |
| 15 | 0.8686 | 0.9032 | 0.8358 | 0.7918 | F-SUB-Q | | | |
| | 2.2402 | 2.2286 | 2.3415 | 2.5858 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2369 | 1.3139 | 1.7318 | 1.3551 | 1.6934 | 1.2953 | 1.6748 | 0.8826 |
| | 1.7268 | 1.5979 | 1.3112 | 1.5484 | 1.3427 | 1.6220 | 1.3598 | 2.1064 |
| 9 | 1.3139 | 1.7270 | 1.3439 | 1.7808 | 1.3905 | 1.4516 | 1.6841 | 0.9181 |
| | 1.5979 | 1.3126 | 1.5657 | 1.2828 | 1.5212 | 1.4494 | 1.3544 | 2.0924 |
| 10 | 1.7318 | 1.3435 | 1.4027 | 1.4926 | 1.7955 | 1.4252 | 1.6775 | 0.8546 |
| | 1.3112 | 1.5664 | 1.4977 | 1.4223 | 1.2783 | 1.4674 | 1.3617 | 2.1848 |
| 11 | 1.3551 | 1.7792 | 1.4909 | 1.7898 | 1.5004 | 1.6872 | 1.6528 | 0.8055 |
| | 1.5484 | 1.2838 | 1.4238 | 1.2831 | 1.3945 | 1.3566 | 1.3812 | 2.4226 |
| 12 | 1.6934 | 1.3901 | 1.7952 | 1.5005 | 1.3830 | 1.6807 | 1.0519 | |
| | 1.3427 | 1.5218 | 1.2785 | 1.3945 | 1.5212 | 1.3603 | 1.7943 | |
| 13 | 1.2953 | 1.4514 | 1.4251 | 1.6877 | 1.6806 | 1.1272 | 0.6715 | |
| | 1.6220 | 1.4496 | 1.4675 | 1.3562 | 1.3604 | 1.9243 | 2.9026 | |
| 14 | 1.6748 | 1.6844 | 1.6778 | 1.6531 | 1.0521 | 0.6530 | | |
| | 1.3598 | 1.3542 | 1.3614 | 1.3810 | 1.7920 | 2.9072 | | |
| 15 | 0.8826 | 0.9182 | 0.8546 | 0.8054 | F-SUB-Q | | | |
| | 2.1064 | 2.0923 | 2.1844 | 2.4227 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2284 | 1.3066 | 1.7342 | 1.3446 | 1.6974 | 1.2954 | 1.6813 | 0.8662 |
| | 1.6614 | 1.5353 | 1.2518 | 1.4923 | 1.2812 | 1.5559 | 1.2977 | 2.0635 |
| 9 | 1.3066 | 1.7304 | 1.3325 | 1.7857 | 1.3720 | 1.4552 | 1.6917 | 0.9030 |
| | 1.5353 | 1.2525 | 1.5090 | 1.2233 | 1.4749 | 1.3856 | 1.2915 | 2.0466 |
| 10 | 1.7342 | 1.3310 | 1.3988 | 1.4932 | 1.8014 | 1.4281 | 1.6847 | 0.8354 |
| | 1.2518 | 1.5101 | 1.4349 | 1.3600 | 1.2181 | 1.4013 | 1.2968 | 2.1483 |
| 11 | 1.3446 | 1.7841 | 1.4914 | 1.7959 | 1.4997 | 1.6943 | 1.6584 | 0.7914 |
| | 1.4923 | 1.2243 | 1.3614 | 1.2224 | 1.3336 | 1.2916 | 1.3163 | 2.3687 |
| 12 | 1.6974 | 1.3716 | 1.8011 | 1.5001 | 1.3874 | 1.6874 | 1.0320 | |
| | 1.2812 | 1.4755 | 1.2182 | 1.3334 | 1.4510 | 1.2954 | 1.7506 | |
| 13 | 1.2954 | 1.4549 | 1.4280 | 1.6946 | 1.6872 | 1.1127 | 0.6584 | |
| | 1.5559 | 1.3858 | 1.4014 | 1.2913 | 1.2955 | 1.8658 | 2.8418 | |
| 14 | 1.6813 | 1.6920 | 1.6851 | 1.6586 | 1.0321 | 0.6400 | | |
| | 1.2977 | 1.2912 | 1.2965 | 1.3161 | 1.7484 | 2.8472 | | |
| 15 | 0.8662 | 0.9031 | 0.8354 | 0.7913 | F-SUB-Q | | | |
| | 2.0635 | 2.0464 | 2.1480 | 2.3689 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1815 | 1.2517 | 1.6432 | 1.2857 | 1.6134 | 1.2459 | 1.5965 | 0.8266 |
| | 1.6691 | 1.5477 | 1.2741 | 1.5063 | 1.3007 | 1.5630 | 1.3192 | 2.0924 |
| 9 | 1.2517 | 1.6411 | 1.2753 | 1.6932 | 1.3063 | 1.3978 | 1.6080 | 0.8596 |
| | 1.5477 | 1.2742 | 1.5226 | 1.2443 | 1.4945 | 1.3932 | 1.3114 | 2.0804 |
| 10 | 1.6432 | 1.2738 | 1.3468 | 1.4326 | 1.7100 | 1.3742 | 1.6014 | 0.7970 |
| | 1.2741 | 1.5237 | 1.4393 | 1.3679 | 1.2372 | 1.4059 | 1.3171 | 2.1791 |
| 11 | 1.2857 | 1.6915 | 1.4308 | 1.7058 | 1.4402 | 1.6146 | 1.5734 | 0.7529 |
| | 1.5063 | 1.2455 | 1.3695 | 1.2410 | 1.3403 | 1.3075 | 1.3392 | 2.4100 |
| 12 | 1.6134 | 1.3058 | 1.7097 | 1.4405 | 1.3349 | 1.6011 | 0.9868 | |
| | 1.3007 | 1.4946 | 1.2373 | 1.3401 | 1.4565 | 1.3175 | 1.7696 | |
| 13 | 1.2459 | 1.3976 | 1.3740 | 1.6150 | 1.6009 | 1.0579 | 0.6295 | |
| | 1.5630 | 1.3934 | 1.4061 | 1.3073 | 1.3177 | 1.8971 | 2.8789 | |
| 14 | 1.5965 | 1.6082 | 1.6017 | 1.5735 | 0.9867 | 0.6114 | | |
| | 1.3192 | 1.3113 | 1.3169 | 1.3390 | 1.7679 | 2.8875 | | |
| 15 | 0.8266 | 0.8597 | 0.7970 | 0.7528 | F-SUB-Q | | | |
| | 2.0924 | 2.0802 | 2.1788 | 2.4103 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 500 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0210 | 1.0767 | 1.3758 | 1.1036 | 1.3574 | 1.0757 | 1.3403 | 0.7046 |
| | 1.8803 | 1.7496 | 1.4778 | 1.7060 | 1.5019 | 1.7614 | 1.5282 | 2.3944 |
| 9 | 1.0767 | 1.3899 | 1.0976 | 1.4378 | 1.1267 | 1.1991 | 1.3509 | 0.7269 |
| | 1.7496 | 1.4615 | 1.7191 | 1.4233 | 1.6829 | 1.5798 | 1.5179 | 2.3985 |
| 10 | 1.3758 | 1.0965 | 1.1667 | 1.2377 | 1.4537 | 1.1906 | 1.3453 | 0.6783 |
| | 1.4778 | 1.7212 | 1.6154 | 1.5380 | 1.4128 | 1.5779 | 1.5249 | 2.4966 |
| 11 | 1.1036 | 1.4364 | 1.2361 | 1.4498 | 1.2410 | 1.3610 | 1.3169 | 0.6368 |
| | 1.7060 | 1.4246 | 1.5399 | 1.4168 | 1.5110 | 1.5068 | 1.5567 | 2.7802 |
| 12 | 1.3574 | 1.1268 | 1.4533 | 1.2412 | 1.1360 | 1.3431 | 0.8379 | |
| | 1.5019 | 1.6830 | 1.4131 | 1.5109 | 1.6646 | 1.5276 | 2.0312 | |
| 13 | 1.0757 | 1.1989 | 1.1903 | 1.3612 | 1.3429 | 0.8823 | 0.5389 | |
| | 1.7614 | 1.5800 | 1.5782 | 1.5065 | 1.5277 | 2.2163 | 3.2851 | |
| 14 | 1.3403 | 1.3511 | 1.3455 | 1.3169 | 0.8370 | 0.5237 | | |
| | 1.5282 | 1.5177 | 1.5247 | 1.5566 | 2.0309 | 3.2920 | | |
| 15 | 0.7046 | 0.7270 | 0.6782 | 0.6367 | F-SUB-Q | | | |
| | 2.3944 | 2.3983 | 2.4965 | 2.7806 | M-SUB-Q | | | |

AT 75% POWER, 500 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.5129 | 0.5389 | 0.6395 | 0.5524 | 0.6331 | 0.5250 | 0.5881 | 0.3365 |
| | 3.6611 | 3.4160 | 3.1040 | 3.3288 | 3.1448 | 3.5220 | 3.3999 | 4.8973 |
| 9 | 0.5389 | 0.6252 | 0.5489 | 0.6511 | 0.5649 | 0.5538 | 0.5919 | 0.3443 |
| | 3.4160 | 3.1700 | 3.3583 | 3.0628 | 3.2759 | 3.3393 | 3.3805 | 4.9481 |
| 10 | 0.6395 | 0.5483 | 0.5516 | 0.5979 | 0.6582 | 0.5595 | 0.5889 | 0.3254 |
| | 3.1040 | 3.3616 | 3.3352 | 3.1060 | 3.0397 | 3.2762 | 3.4000 | 5.0868 |
| 11 | 0.5524 | 0.6505 | 0.5971 | 0.6568 | 0.5817 | 0.6311 | 0.5709 | 0.3010 |
| | 3.3288 | 3.0656 | 3.1098 | 3.0473 | 3.1430 | 3.1726 | 3.5093 | 5.7483 |
| 12 | 0.6331 | 0.5648 | 0.6581 | 0.5818 | 0.5264 | 0.5872 | 0.4016 | |
| | 3.1448 | 3.2766 | 3.0406 | 3.1431 | 3.5069 | 3.4111 | 4.1465 | |
| 13 | 0.5250 | 0.5537 | 0.5594 | 0.6311 | 0.5871 | 0.4316 | 0.2576 | |
| | 3.5220 | 3.3396 | 3.2769 | 3.1724 | 3.4117 | 4.4334 | 6.7159 | |
| 14 | 0.5881 | 0.5920 | 0.5889 | 0.5709 | 0.4012 | 0.2536 | | |
| | 3.3999 | 3.3803 | 3.3997 | 3.5095 | 4.1463 | 6.6443 | | |
| 15 | 0.3365 | 0.3443 | 0.3254 | 0.3009 | F-SUB-Q | | | |
| | 4.8973 | 4.9478 | 5.0861 | 5.7492 | 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 | 0.3880 | 0.5166 | 0.6456 | 0.5980 | 0.7043 | 0.6021 | 0.6375 | 0.3434 |
| | 4.8989 | 4.8236 | 3.8514 | 4.1494 | 3.5265 | 4.1457 | 3.9537 | 6.6582 |
| 9 | 0.5166 | 0.6010 | 0.5635 | 0.6783 | 0.6141 | 0.6172 | 0.6384 | 0.3522 |
| | 4.8236 | 4.1837 | 4.4399 | 3.6707 | 4.0399 | 4.0761 | 3.9447 | 6.5329 |
| 10 | 0.6456 | 0.5624 | 0.5721 | 0.6221 | 0.6731 | 0.5977 | 0.6042 | 0.3197 |
| | 3.8514 | 4.4479 | 4.4138 | 4.0066 | 3.6781 | 4.1268 | 4.0815 | 7.0291 |
| 11 | 0.5980 | 0.6769 | 0.6204 | 0.6381 | 0.5681 | 0.5954 | 0.5358 | 0.2736 |
| | 4.1494 | 3.6769 | 4.0161 | 3.8636 | 4.2714 | 3.9700 | 4.5555 | 8.0993 |
| 12 | 0.7043 | 0.6138 | 0.6720 | 0.5674 | 0.4082 | 0.4465 | 0.3439 | |
| | 3.5265 | 4.0424 | 3.6835 | 4.2743 | 4.6987 | 4.4088 | 5.8482 | |
| 13 | 0.6021 | 0.6168 | 0.5971 | 0.5948 | 0.4460 | 0.2787 | 0.1673 | |
| | 4.1457 | 4.0785 | 4.1310 | 3.9734 | 4.4123 | 6.0123 | *10.7418 | |
| 14 | 0.6375 | 0.6382 | 0.6037 | 0.5353 | 0.3434 | 0.1626 | | |
| | 3.9537 | 3.9462 | 4.0847 | 4.5601 | 5.8565 | *10.9520 | | |
| 15 | 0.3434 | 0.3521 | 0.3195 | 0.2733 | F-SUB-Q | | | |
| | 6.6582 | 6.5344 | 7.0342 | 8.1079 | 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 | 0.8356 | 1.0982 | 1.4708 | 1.2748 | 1.6273 | 1.3548 | 1.5988 | 0.7820 |
| | 2.3571 | 2.3151 | 1.7478 | 2.0150 | 1.5794 | 1.9032 | 1.6307 | 3.0267 |
| 9 | 1.0982 | 1.4202 | 1.2038 | 1.5298 | 1.3189 | 1.4806 | 1.6067 | 0.8027 |
| | 2.3151 | 1.8221 | 2.1497 | 1.6822 | 1.9479 | 1.7443 | 1.6104 | 2.9546 |
| 10 | 1.4708 | 1.1987 | 1.3364 | 1.3769 | 1.5111 | 1.4057 | 1.5324 | 0.7267 |
| | 1.7478 | 2.1541 | 1.9554 | 1.8685 | 1.6945 | 1.8186 | 1.6631 | 3.1910 |
| 11 | 1.2748 | 1.5270 | 1.3730 | 1.4352 | 1.2769 | 1.4234 | 1.3497 | 0.6373 |
| | 2.0150 | 1.6848 | 1.8735 | 1.7483 | 1.9022 | 1.7050 | 1.8733 | 3.6008 |
| 12 | 1.6273 | 1.3185 | 1.5090 | 1.2754 | 0.9251 | 1.1155 | 0.7829 | |
| | 1.5794 | 1.9486 | 1.6966 | 1.9035 | 2.0019 | 1.7928 | 2.6459 | |
| 13 | 1.3548 | 1.4799 | 1.4046 | 1.4221 | 1.1143 | 0.6115 | 0.3811 | |
| | 1.9032 | 1.7451 | 1.8202 | 1.7064 | 1.7942 | 2.8011 | 4.8522 | |
| 14 | 1.5988 | 1.6062 | 1.5314 | 1.3485 | 0.7816 | 0.3699 | | |
| | 1.6307 | 1.6110 | 1.6643 | 1.8751 | 2.6498 | 4.9545 | | |
| 15 | 0.7820 | 0.8025 | 0.7263 | 0.6367 | F-SUB-Q | | | |
| | 3.0267 | 2.9557 | 3.1933 | 3.6043 | 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 | 0.9697 | 1.1950 | 1.3369 | 1.3975 | 1.5729 | 1.5671 | 1.6358 | 0.8613 |
| | 2.0742 | 2.0973 | 1.9710 | 1.8845 | 1.6751 | 1.6818 | 1.6127 | 2.7821 |
| 9 | 1.1950 | 1.4964 | 1.3726 | 1.5731 | 1.5059 | 1.7018 | 1.6506 | 0.8872 |
| | 2.0973 | 1.7684 | 1.9265 | 1.6757 | 1.7481 | 1.5465 | 1.5925 | 2.7147 |
| 10 | 1.3369 | 1.3659 | 1.5568 | 1.5278 | 1.6144 | 1.6276 | 1.6297 | 0.8190 |
| | 1.9710 | 1.9360 | 1.7004 | 1.7233 | 1.6263 | 1.6082 | 1.6052 | 2.8956 |
| 11 | 1.3975 | 1.5696 | 1.5234 | 1.5350 | 1.4155 | 1.4699 | 1.4898 | 0.7305 |
| | 1.8845 | 1.6793 | 1.7283 | 1.7185 | 1.7133 | 1.7362 | 1.7389 | 3.2244 |
| 12 | 1.5729 | 1.5053 | 1.6129 | 1.4141 | 1.0743 | 1.1768 | 0.8626 | |
| | 1.6751 | 1.7488 | 1.6278 | 1.7138 | 1.7142 | 1.7337 | 2.4604 | |
| 13 | 1.5671 | 1.7012 | 1.6264 | 1.4686 | 1.1755 | 0.6955 | 0.4353 | |
| | 1.6818 | 1.5472 | 1.6093 | 1.7376 | 1.7349 | 2.5221 | 4.3617 | |
| 14 | 1.6358 | 1.6499 | 1.6286 | 1.4884 | 0.8615 | 0.4256 | | |
| | 1.6127 | 1.5933 | 1.6063 | 1.7407 | 2.4633 | 4.4208 | | |
| 15 | 0.8613 | 0.8871 | 0.8184 | 0.7297 | F-SUB-Q | | | |
| | 2.7821 | 2.7152 | 2.8978 | 3.2275 | 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 | 1.0248 | 1.2298 | 1.3726 | 1.4272 | 1.6763 | 1.6534 | 1.7480 | 0.8675 |
| | 2.0243 | 2.0685 | 1.7478 | 1.8845 | 1.5794 | 1.6387 | 1.5488 | 2.7821 |
| 9 | 1.2298 | 1.5901 | 1.4300 | 1.6486 | 1.5748 | 1.8211 | 1.7665 | 0.8961 |
| | 2.0685 | 1.7146 | 1.9038 | 1.6487 | 1.7211 | 1.4848 | 1.5288 | 2.7147 |
| 10 | 1.3726 | 1.4222 | 1.6477 | 1.5916 | 1.7220 | 1.7350 | 1.7509 | 0.8292 |
| | 1.7478 | 1.9143 | 1.6522 | 1.7051 | 1.5717 | 1.5528 | 1.5383 | 2.8956 |
| 11 | 1.4272 | 1.6447 | 1.5865 | 1.6290 | 1.4832 | 1.5752 | 1.5929 | 0.7474 |
| | 1.8845 | 1.6526 | 1.7106 | 1.6572 | 1.6679 | 1.6743 | 1.6797 | 3.2244 |
| 12 | 1.6763 | 1.5741 | 1.7203 | 1.4817 | 1.1381 | 1.2550 | 0.8744 | |
| | 1.5794 | 1.7219 | 1.5732 | 1.6684 | 1.6566 | 1.6735 | 2.4604 | |
| 13 | 1.6534 | 1.8204 | 1.7339 | 1.5737 | 1.2536 | 0.7317 | 0.4443 | |
| | 1.6387 | 1.4854 | 1.5538 | 1.6757 | 1.6747 | 2.5027 | 4.3617 | |
| 14 | 1.7480 | 1.7658 | 1.7498 | 1.5913 | 0.8736 | 0.4343 | | |
| | 1.5488 | 1.5296 | 1.5393 | 1.6815 | 2.4633 | 4.4208 | | |
| 15 | 0.8675 | 0.8959 | 0.8285 | 0.7466 | F-SUB-Q | | | |
| | 2.7821 | 2.7152 | 2.8978 | 3.2275 | 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 | 1.0379 | 1.2276 | 1.3733 | 1.4174 | 1.6967 | 1.6629 | 1.7805 | 0.8661 |
| | 2.1091 | 2.1589 | 2.0658 | 1.9928 | 1.6599 | 1.6904 | 1.5789 | 2.9470 |
| 9 | 1.2276 | 1.6015 | 1.4247 | 1.6635 | 1.5742 | 1.8463 | 1.8016 | 0.8985 |
| | 2.1589 | 1.7745 | 1.9909 | 1.6997 | 1.7868 | 1.5210 | 1.5573 | 2.8586 |
| 10 | 1.3733 | 1.4164 | 1.6499 | 1.5970 | 1.7462 | 1.7564 | 1.7883 | 0.8315 |
| | 2.0658 | 2.0028 | 1.7180 | 1.7683 | 1.6073 | 1.5890 | 1.5612 | 3.0431 |
| 11 | 1.4174 | 1.6593 | 1.5916 | 1.6458 | 1.4974 | 1.6106 | 1.6326 | 0.7530 |
| | 1.9928 | 1.7039 | 1.7741 | 1.6964 | 1.7203 | 1.7094 | 1.6961 | 3.3409 |
| 12 | 1.6967 | 1.5735 | 1.7445 | 1.4957 | 1.1622 | 1.2927 | 0.8856 | |
| | 1.6599 | 1.7877 | 1.6090 | 1.7208 | 1.7081 | 1.7079 | 2.5969 | |
| 13 | 1.6629 | 1.8455 | 1.7552 | 1.6090 | 1.2912 | 0.7526 | 0.4480 | |
| | 1.6904 | 1.5217 | 1.5901 | 1.7108 | 1.7091 | 2.5763 | 4.6228 | |
| 14 | 1.7805 | 1.8007 | 1.7870 | 1.6308 | 0.8848 | 0.4379 | | |
| | 1.5789 | 1.5581 | 1.5623 | 1.6980 | 2.5987 | 4.6871 | | |
| 15 | 0.8661 | 0.8984 | 0.8308 | 0.7522 | F-SUB-Q | | | |
| | 2.9470 | 2.8592 | 3.0461 | 3.3444 | 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 | 1.0349 | 1.2151 | 1.3603 | 1.3993 | 1.6887 | 1.6561 | 1.7815 | 0.8622 |
| | 2.2357 | 2.2883 | 2.1789 | 2.1068 | 1.7361 | 1.7641 | 1.6405 | 3.0814 |
| 9 | 1.2151 | 1.5881 | 1.4066 | 1.6555 | 1.5578 | 1.8428 | 1.8043 | 0.8960 |
| | 2.2883 | 1.8736 | 2.1075 | 1.7829 | 1.8820 | 1.5835 | 1.6161 | 2.9831 |
| 10 | 1.3603 | 1.3980 | 1.6326 | 1.5864 | 1.7420 | 1.7538 | 1.7937 | 0.8311 |
| | 2.1789 | 2.1207 | 1.8130 | 1.8587 | 1.6822 | 1.6600 | 1.6224 | 3.1749 |
| 11 | 1.3993 | 1.6511 | 1.5810 | 1.6377 | 1.4951 | 1.6192 | 1.6449 | 0.7545 |
| | 2.1068 | 1.7876 | 1.8649 | 1.7824 | 1.8131 | 1.7860 | 1.7649 | 3.4917 |
| 12 | 1.6887 | 1.5571 | 1.7401 | 1.4934 | 1.1694 | 1.3073 | 0.8941 | |
| | 1.7361 | 1.8829 | 1.6841 | 1.8138 | 1.8034 | 1.7928 | 2.7184 | |
| 13 | 1.6561 | 1.8419 | 1.7525 | 1.6175 | 1.3057 | 0.7633 | 0.4515 | |
| | 1.7641 | 1.5844 | 1.6613 | 1.7878 | 1.7941 | 2.7159 | 4.8894 | |
| 14 | 1.7815 | 1.8033 | 1.7923 | 1.6430 | 0.8933 | 0.4411 | | |
| | 1.6405 | 1.6170 | 1.6237 | 1.7670 | 2.7204 | 4.9605 | | |
| 15 | 0.8622 | 0.8958 | 0.8304 | 0.7536 | F-SUB-Q | | | |
| | 3.0814 | 2.9838 | 3.1782 | 3.4956 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 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 | 1.0328 | 1.2118 | 1.3618 | 1.3929 | 1.6965 | 1.6600 | 1.7967 | 0.8543 |
| | 2.3682 | 2.4198 | 2.3101 | 2.2442 | 1.8284 | 1.8586 | 1.7168 | 3.2784 |
| 9 | 1.2118 | 1.5920 | 1.4012 | 1.6630 | 1.5532 | 1.8517 | 1.8204 | 0.8889 |
| | 2.4198 | 1.9848 | 2.2457 | 1.8836 | 1.9991 | 1.6650 | 1.6924 | 3.1716 |
| 10 | 1.3618 | 1.3922 | 1.6308 | 1.5892 | 1.7535 | 1.7642 | 1.8137 | 0.8262 |
| | 2.3101 | 2.2604 | 1.9268 | 1.9704 | 1.7725 | 1.7491 | 1.6997 | 3.3823 |
| 11 | 1.3929 | 1.6584 | 1.5837 | 1.6464 | 1.5053 | 1.6424 | 1.6695 | 0.7513 |
| | 2.2442 | 1.8888 | 1.9773 | 1.8696 | 1.9091 | 1.8520 | 1.8423 | 3.7276 |
| 12 | 1.6965 | 1.5524 | 1.7514 | 1.5035 | 1.1768 | 1.3317 | 0.8956 | |
| | 1.8284 | 2.0001 | 1.7746 | 1.9098 | 1.9007 | 1.8787 | 2.8863 | |
| 13 | 1.6600 | 1.8506 | 1.7626 | 1.6405 | 1.3300 | 0.7720 | 0.4527 | |
| | 1.8586 | 1.6660 | 1.7508 | 1.8540 | 1.8801 | 2.8811 | 5.2262 | |
| 14 | 1.7967 | 1.8193 | 1.8122 | 1.6675 | 0.8948 | 0.4416 | | |
| | 1.7168 | 1.6934 | 1.7012 | 1.8445 | 2.8883 | 5.3099 | | |
| 15 | 0.8543 | 0.8887 | 0.8252 | 0.7504 | F-SUB-Q | | | |
| | 3.2784 | 3.1724 | 3.3859 | 3.7320 | 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 | 1.0362 | 1.2099 | 1.3579 | 1.3839 | 1.6942 | 1.6575 | 1.7997 | 0.8481 |
| | 2.5388 | 2.5976 | 2.5021 | 2.4353 | 1.9696 | 1.9994 | 1.8399 | 3.5411 |
| 9 | 1.2099 | 1.5907 | 1.3946 | 1.6631 | 1.5449 | 1.8520 | 1.8247 | 0.8832 |
| | 2.5976 | 2.1494 | 2.4395 | 2.0337 | 2.1644 | 1.7887 | 1.8142 | 3.4243 |
| 10 | 1.3579 | 1.3853 | 1.6265 | 1.5888 | 1.7561 | 1.7684 | 1.8227 | 0.8236 |
| | 2.5021 | 2.4560 | 2.0892 | 2.1308 | 1.9095 | 1.8816 | 1.8223 | 3.6538 |
| 11 | 1.3839 | 1.6583 | 1.5831 | 1.6495 | 1.5146 | 1.6586 | 1.6868 | 0.7511 |
| | 2.4353 | 2.0395 | 2.1386 | 1.9794 | 2.0264 | 1.9636 | 1.9512 | 4.0299 |
| 12 | 1.6942 | 1.5441 | 1.7539 | 1.5127 | 1.1902 | 1.3550 | 0.9036 | |
| | 1.9696 | 2.1655 | 1.9118 | 2.0271 | 2.0188 | 1.9872 | 3.0677 | |
| 13 | 1.6575 | 1.8508 | 1.7665 | 1.6565 | 1.3532 | 0.7865 | 0.4587 | |
| | 1.9994 | 1.7898 | 1.8836 | 1.9658 | 1.9888 | 3.0775 | 5.5891 | |
| 14 | 1.7997 | 1.8235 | 1.8210 | 1.6846 | 0.9028 | 0.4470 | | |
| | 1.8399 | 1.8154 | 1.8241 | 1.9537 | 3.0697 | 5.6852 | | |
| 15 | 0.8481 | 0.8829 | 0.8227 | 0.7501 | F-SUB-Q | | | |
| | 3.5411 | 3.4252 | 3.6580 | 4.0350 | 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 | 1.0552 | 1.2224 | 1.3669 | 1.3828 | 1.7020 | 1.6616 | 1.8111 | 0.8430 |
| | 2.7764 | 2.8348 | 2.7261 | 2.6518 | 2.1244 | 2.1571 | 1.9767 | 3.8319 |
| 9 | 1.2224 | 1.6047 | 1.3981 | 1.6755 | 1.5461 | 1.8608 | 1.8388 | 0.8772 |
| | 2.8348 | 2.3174 | 2.6725 | 2.2075 | 2.3484 | 1.9281 | 1.9503 | 3.7104 |
| 10 | 1.3669 | 1.3886 | 1.6350 | 1.5999 | 1.7711 | 1.7822 | 1.8420 | 0.8227 |
| | 2.7261 | 2.6908 | 2.2857 | 2.3209 | 2.0634 | 2.0323 | 1.9597 | 3.9519 |
| 11 | 1.3828 | 1.6705 | 1.5939 | 1.6678 | 1.5416 | 1.6896 | 1.7170 | 0.7517 |
| | 2.6518 | 2.2139 | 2.3295 | 2.1328 | 2.1905 | 2.1088 | 2.0883 | 4.3696 |
| 12 | 1.7020 | 1.5445 | 1.7688 | 1.5397 | 1.2216 | 1.4001 | 0.9184 | |
| | 2.1244 | 2.3496 | 2.0660 | 2.1913 | 2.1855 | 2.1379 | 3.3302 | |
| 13 | 1.6616 | 1.8595 | 1.7801 | 1.6874 | 1.3982 | 0.8162 | 0.4709 | |
| | 2.1571 | 1.9295 | 2.0347 | 2.1114 | 2.1397 | 3.3370 | 6.0635 | |
| 14 | 1.8111 | 1.8372 | 1.8400 | 1.7146 | 0.9175 | 0.4583 | | |
| | 1.9767 | 1.9516 | 1.9617 | 2.0911 | 3.3324 | 6.1752 | | |
| 15 | 0.8430 | 0.8769 | 0.8216 | 0.7506 | F-SUB-Q | | | |
| | 3.8319 | 3.7115 | 3.9567 | 4.3753 | 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 | 1.1114 | 1.2344 | 1.3529 | 1.3650 | 1.6750 | 1.6425 | 1.7850 | 0.8419 |
| | 3.0934 | 3.1489 | 3.0095 | 2.9133 | 2.3294 | 2.3535 | 2.1630 | 4.1282 |
| 9 | 1.2344 | 1.5926 | 1.3863 | 1.6587 | 1.5306 | 1.8402 | 1.8171 | 0.8788 |
| | 3.1489 | 2.5794 | 2.9447 | 2.4317 | 2.5675 | 2.1037 | 2.1306 | 3.9824 |
| 10 | 1.3529 | 1.3766 | 1.6237 | 1.5917 | 1.7542 | 1.7711 | 1.8255 | 0.8266 |
| | 3.0095 | 2.9652 | 2.5196 | 2.5536 | 2.2594 | 2.2136 | 2.1368 | 4.2263 |
| 11 | 1.3650 | 1.6536 | 1.5857 | 1.6596 | 1.5627 | 1.6940 | 1.7209 | 0.7611 |
| | 2.9133 | 2.4387 | 2.5631 | 2.3735 | 2.4336 | 2.3261 | 2.3009 | 4.6479 |
| 12 | 1.6750 | 1.5290 | 1.7518 | 1.5609 | 1.2976 | 1.4535 | 0.9526 | |
| | 2.3294 | 2.5689 | 2.2623 | 2.4344 | 2.4383 | 2.3843 | 3.6185 | |
| 13 | 1.6425 | 1.8387 | 1.7688 | 1.6917 | 1.4519 | 0.8837 | 0.4961 | |
| | 2.3535 | 2.1054 | 2.2164 | 2.3291 | 2.3864 | 3.6770 | 6.6259 | |
| 14 | 1.7850 | 1.8155 | 1.8234 | 1.7184 | 0.9515 | 0.4830 | | |
| | 2.1630 | 2.1321 | 2.1390 | 2.3041 | 3.6216 | 6.7459 | | |
| 15 | 0.8419 | 0.8784 | 0.8255 | 0.7599 | F-SUB-Q | | | |
| | 4.1282 | 3.9837 | 4.2317 | 4.6543 | 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 | 1.2179 | 1.2815 | 1.3841 | 1.3766 | 1.7022 | 1.6600 | 1.8160 | 0.8351 |
| | 3.4035 | 3.4698 | 3.1933 | 3.1065 | 2.4624 | 2.4953 | 2.2754 | 4.4312 |
| 9 | 1.2815 | 1.6347 | 1.4060 | 1.6932 | 1.5479 | 1.8666 | 1.8523 | 0.8710 |
| | 3.4698 | 2.7714 | 3.1509 | 2.5752 | 2.7423 | 2.2265 | 2.2461 | 4.2840 |
| 10 | 1.3841 | 1.3981 | 1.6533 | 1.6227 | 1.7925 | 1.8048 | 1.8678 | 0.8248 |
| | 3.1933 | 3.1732 | 2.6910 | 2.7166 | 2.3954 | 2.3546 | 2.2585 | 4.5662 |
| 11 | 1.3766 | 1.6880 | 1.6163 | 1.7060 | 1.6341 | 1.7597 | 1.7802 | 0.7622 |
| | 3.1065 | 2.5825 | 2.7270 | 2.5778 | 2.6571 | 2.5295 | 2.4664 | 5.0372 |
| 12 | 1.7022 | 1.5462 | 1.7899 | 1.6323 | 1.4798 | 1.6041 | 0.9780 | |
| | 2.4624 | 2.7437 | 2.3987 | 2.6580 | 2.6570 | 2.5835 | 4.0239 | |
| 13 | 1.6600 | 1.8650 | 1.8021 | 1.7571 | 1.6024 | 0.9846 | 0.5186 | |
| | 2.4953 | 2.2283 | 2.3578 | 2.5328 | 2.5857 | 4.0641 | 7.3654 | |
| 14 | 1.8160 | 1.8505 | 1.8655 | 1.7774 | 0.9770 | 0.5040 | | |
| | 2.2753 | 2.2478 | 2.2611 | 2.4700 | 4.0268 | 7.5132 | | |
| 15 | 0.8351 | 0.8707 | 0.8236 | 0.7609 | F-SUB-Q | | | |
| | 4.4312 | 4.2855 | 4.5721 | 5.0444 | 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 | 1.3373 | 1.3206 | 1.3985 | 1.3742 | 1.7029 | 1.6595 | 1.8187 | 0.8314 |
| | 3.5498 | 3.6137 | 3.4653 | 3.3728 | 2.6613 | 2.6951 | 2.4515 | 4.7849 |
| 9 | 1.3206 | 1.6503 | 1.4106 | 1.7025 | 1.5492 | 1.8700 | 1.8613 | 0.8682 |
| | 3.6137 | 2.9437 | 3.4303 | 2.7901 | 2.9738 | 2.4022 | 2.4204 | 4.6217 |
| 10 | 1.3985 | 1.4061 | 1.6628 | 1.6346 | 1.8034 | 1.8159 | 1.8807 | 0.8259 |
| | 3.4653 | 3.4550 | 2.9283 | 2.9477 | 2.5903 | 2.5438 | 2.4337 | 4.9260 |
| 11 | 1.3742 | 1.6971 | 1.6281 | 1.7320 | 1.6809 | 1.7954 | 1.8117 | 0.7673 |
| | 3.3728 | 2.7977 | 2.9591 | 2.7402 | 2.8283 | 2.6838 | 2.6623 | 5.4448 |
| 12 | 1.7029 | 1.5474 | 1.8006 | 1.6791 | 1.6563 | 1.7063 | 1.0068 | |
| | 2.6613 | 2.9755 | 2.5939 | 2.8293 | 2.8427 | 2.7606 | 4.3122 | |
| 13 | 1.6595 | 1.8682 | 1.8130 | 1.7927 | 1.7047 | 1.0640 | 0.5417 | |
| | 2.6951 | 2.4043 | 2.5475 | 2.6878 | 2.7633 | 4.3750 | 7.9753 | |
| 14 | 1.8187 | 1.8589 | 1.8782 | 1.8088 | 1.0058 | 0.5261 | | |
| | 2.4515 | 2.4223 | 2.4366 | 2.6662 | 4.3158 | 8.1416 | | |
| 15 | 0.8314 | 0.8679 | 0.8246 | 0.7659 | F-SUB-Q | | | |
| | 4.7849 | 4.6234 | 4.9325 | 5.4528 | 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 | 1.3556 | 1.3307 | 1.3876 | 1.3575 | 1.6785 | 1.6418 | 1.7953 | 0.8286 |
| | 3.5842 | 3.6494 | 3.4716 | 3.3877 | 2.7049 | 2.7472 | 2.5169 | 4.8944 |
| 9 | 1.3307 | 1.6369 | 1.4006 | 1.6860 | 1.5339 | 1.8514 | 1.8436 | 0.8674 |
| | 3.6494 | 2.9775 | 3.4235 | 2.8255 | 3.0098 | 2.4618 | 2.4915 | 4.7204 |
| 10 | 1.3876 | 1.3962 | 1.6508 | 1.6252 | 1.7964 | 1.8042 | 1.8650 | 0.8274 |
| | 3.4716 | 3.4484 | 2.9447 | 2.9758 | 2.6497 | 2.6224 | 2.5198 | 5.0693 |
| 11 | 1.3575 | 1.6805 | 1.6186 | 1.7528 | 1.7015 | 1.7954 | 1.8111 | 0.7725 |
| | 3.3877 | 2.8346 | 2.9881 | 2.7661 | 2.8510 | 2.7060 | 2.6848 | 5.6492 |
| 12 | 1.6785 | 1.5320 | 1.7936 | 1.7009 | 1.6921 | 1.7367 | 1.0310 | |
| | 2.7049 | 3.0118 | 2.6540 | 2.8520 | 2.8653 | 2.7851 | 4.2808 | |
| 13 | 1.6418 | 1.8495 | 1.8011 | 1.7926 | 1.7350 | 1.1021 | 0.5593 | |
| | 2.7472 | 2.4642 | 2.6274 | 2.7103 | 2.7879 | 4.3729 | 7.9317 | |
| 14 | 1.7953 | 1.8412 | 1.8623 | 1.8081 | 1.0298 | 0.5433 | | |
| | 2.5169 | 2.4939 | 2.5234 | 2.6894 | 4.2853 | 8.0957 | | |
| 15 | 0.8286 | 0.8670 | 0.8261 | 0.7710 | F-SUB-Q | | | |
| | 4.8944 | 4.7227 | 5.0763 | 5.6594 | 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 | 1.3736 | 1.3443 | 1.4035 | 1.3596 | 1.6950 | 1.6504 | 1.8162 | 0.8178 |
| | 3.4465 | 3.5013 | 3.2844 | 3.2281 | 2.5562 | 2.6069 | 2.3738 | 4.7305 |
| 9 | 1.3443 | 1.6574 | 1.4081 | 1.7047 | 1.5386 | 1.8670 | 1.8687 | 0.8550 |
| | 3.5013 | 2.8385 | 3.2543 | 2.6717 | 2.8691 | 2.3305 | 2.3510 | 4.5696 |
| 10 | 1.4035 | 1.4036 | 1.6628 | 1.6390 | 1.8285 | 1.8222 | 1.8924 | 0.8196 |
| | 3.2844 | 3.2787 | 2.7943 | 2.8222 | 2.5037 | 2.4848 | 2.3751 | 4.9055 |
| 11 | 1.3596 | 1.6990 | 1.6321 | 1.7928 | 1.7319 | 1.8307 | 1.8446 | 0.7655 |
| | 3.2281 | 2.6804 | 2.8342 | 2.6712 | 2.7695 | 2.6131 | 2.5884 | 5.4634 |
| 12 | 1.6950 | 1.5367 | 1.8256 | 1.7313 | 1.7281 | 1.7811 | 1.0286 | |
| | 2.5562 | 2.8712 | 2.5080 | 2.7704 | 2.7875 | 2.6862 | 4.1954 | |
| 13 | 1.6504 | 1.8650 | 1.8189 | 1.8278 | 1.7793 | 1.1149 | 0.5603 | |
| | 2.6069 | 2.3329 | 2.4897 | 2.6172 | 2.6888 | 4.2564 | 7.7054 | |
| 14 | 1.8162 | 1.8660 | 1.8896 | 1.8414 | 1.0275 | 0.5431 | | |
| | 2.3738 | 2.3534 | 2.3787 | 2.5928 | 4.1991 | 7.8794 | | |
| 15 | 0.8178 | 0.8546 | 0.8183 | 0.7640 | F-SUB-Q | | | |
| | 4.7305 | 4.5719 | 4.9138 | 5.4739 | 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 | 1.3698 | 1.3389 | 1.3987 | 1.3490 | 1.6889 | 1.6436 | 1.8133 | 0.8082 |
| | 3.1296 | 3.1834 | 3.0338 | 3.0355 | 2.4172 | 2.4742 | 2.2477 | 4.4848 |
| 9 | 1.3389 | 1.6531 | 1.4002 | 1.7001 | 1.5285 | 1.8623 | 1.8683 | 0.8452 |
| | 3.1834 | 2.5797 | 3.0426 | 2.5062 | 2.7203 | 2.2109 | 2.2262 | 4.3312 |
| 10 | 1.3987 | 1.3956 | 1.6552 | 1.6338 | 1.8314 | 1.8190 | 1.8933 | 0.8124 |
| | 3.0338 | 3.0522 | 2.5966 | 2.6316 | 2.3618 | 2.3559 | 2.2445 | 4.6340 |
| 11 | 1.3490 | 1.6943 | 1.6267 | 1.7990 | 1.7343 | 1.8361 | 1.8502 | 0.7585 |
| | 3.0355 | 2.5144 | 2.6426 | 2.4212 | 2.5143 | 2.3623 | 2.3408 | 5.1347 |
| 12 | 1.6889 | 1.5265 | 1.8284 | 1.7338 | 1.7333 | 1.7908 | 1.0252 | |
| | 2.4172 | 2.7221 | 2.3659 | 2.5151 | 2.5311 | 2.4337 | 3.8293 | |
| 13 | 1.6436 | 1.8601 | 1.8154 | 1.8330 | 1.7890 | 1.1155 | 0.5590 | |
| | 2.4742 | 2.2133 | 2.3604 | 2.3662 | 2.4361 | 3.8859 | 7.0555 | |
| 14 | 1.8133 | 1.8655 | 1.8902 | 1.8469 | 1.0241 | 0.5413 | | |
| | 2.2477 | 2.2286 | 2.2479 | 2.3449 | 3.8326 | 7.2224 | | |
| 15 | 0.8082 | 0.8448 | 0.8110 | 0.7570 | F-SUB-Q | | | |
| | 4.4848 | 4.3335 | 4.6420 | 5.1446 | 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 | 1.3561 | 1.3245 | 1.3840 | 1.3324 | 1.6714 | 1.6274 | 1.7969 | 0.8001 |
| | 2.8650 | 2.9145 | 2.7438 | 2.7289 | 2.1702 | 2.2225 | 2.0169 | 4.0366 |
| 9 | 1.3245 | 1.6365 | 1.3844 | 1.6837 | 1.5109 | 1.8460 | 1.8533 | 0.8380 |
| | 2.9145 | 2.3503 | 2.7297 | 2.2456 | 2.4455 | 1.9848 | 1.9957 | 3.8918 |
| 10 | 1.3840 | 1.3798 | 1.6379 | 1.6185 | 1.8184 | 1.8034 | 1.8787 | 0.8057 |
| | 2.7438 | 2.7504 | 2.3487 | 2.3722 | 2.1160 | 2.1090 | 2.0087 | 4.1570 |
| 11 | 1.3324 | 1.6778 | 1.6114 | 1.7877 | 1.7221 | 1.8239 | 1.8387 | 0.7545 |
| | 2.7289 | 2.2532 | 2.3826 | 2.2207 | 2.3070 | 2.1584 | 2.1374 | 4.6026 |
| 12 | 1.6714 | 1.5089 | 1.8153 | 1.7215 | 1.7223 | 1.7815 | 1.0213 | |
| | 2.1702 | 2.4472 | 2.1197 | 2.3078 | 2.3252 | 2.2338 | 3.5038 | |
| 13 | 1.6274 | 1.8437 | 1.7996 | 1.8207 | 1.7796 | 1.1121 | 0.5570 | |
| | 2.2225 | 1.9870 | 2.1134 | 2.1621 | 2.2361 | 3.5666 | 6.4883 | |
| 14 | 1.7969 | 1.8504 | 1.8755 | 1.8352 | 1.0202 | 0.5393 | | |
| | 2.0169 | 1.9978 | 2.0120 | 2.1414 | 3.5072 | 6.6436 | | |
| 15 | 0.8001 | 0.8375 | 0.8042 | 0.7529 | F-SUB-Q | | | |
| | 4.0366 | 3.8939 | 4.1644 | 4.6119 | 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 | 1.3326 | 1.3013 | 1.3566 | 1.3082 | 1.6382 | 1.6007 | 1.7635 | 0.7938 |
| | 2.8299 | 2.8805 | 2.7045 | 2.6883 | 2.1436 | 2.1883 | 1.9908 | 3.9515 |
| 9 | 1.3013 | 1.6043 | 1.3599 | 1.6518 | 1.4845 | 1.8157 | 1.8202 | 0.8331 |
| | 2.8805 | 2.3209 | 2.6806 | 2.2106 | 2.4073 | 1.9525 | 1.9668 | 3.8000 |
| 10 | 1.3566 | 1.3553 | 1.6086 | 1.5916 | 1.7864 | 1.7737 | 1.8453 | 0.8002 |
| | 2.7045 | 2.7013 | 2.3048 | 2.3266 | 2.0838 | 2.0699 | 1.9760 | 4.0535 |
| 11 | 1.3082 | 1.6459 | 1.5845 | 1.7568 | 1.6947 | 1.7922 | 1.8085 | 0.7505 |
| | 2.6883 | 2.2182 | 2.3369 | 2.2022 | 2.2835 | 2.1383 | 2.1156 | 4.4712 |
| 12 | 1.6382 | 1.4824 | 1.7833 | 1.6942 | 1.6955 | 1.7524 | 1.0198 | |
| | 2.1436 | 2.4091 | 2.0877 | 2.2843 | 2.3014 | 2.2139 | 3.4216 | |
| 13 | 1.6007 | 1.8134 | 1.7698 | 1.7890 | 1.7504 | 1.1049 | 0.5557 | |
| | 2.1883 | 1.9548 | 2.0747 | 2.1421 | 2.2163 | 3.5088 | 6.3562 | |
| 14 | 1.7635 | 1.8172 | 1.8420 | 1.8050 | 1.0185 | 0.5383 | | |
| | 1.9908 | 1.9690 | 1.9794 | 2.1196 | 3.4254 | 6.5052 | | |
| 15 | 0.7938 | 0.8326 | 0.7987 | 0.7489 | F-SUB-Q | | | |
| | 3.9515 | 3.8021 | 4.0611 | 4.4805 | 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 | 1.3322 | 1.2995 | 1.3634 | 1.3053 | 1.6490 | 1.6022 | 1.7770 | 0.7788 |
| | 2.5555 | 2.6002 | 2.4268 | 2.4342 | 1.9267 | 1.9787 | 1.7891 | 3.6547 |
| 9 | 1.2995 | 1.6137 | 1.3585 | 1.6608 | 1.4810 | 1.8226 | 1.8338 | 0.8159 |
| | 2.6002 | 2.0714 | 2.4151 | 1.9819 | 2.1823 | 1.7592 | 1.7667 | 3.5209 |
| 10 | 1.3634 | 1.3538 | 1.6097 | 1.5939 | 1.7981 | 1.7781 | 1.8598 | 0.7858 |
| | 2.4268 | 2.4343 | 2.0704 | 2.0902 | 1.8680 | 1.8615 | 1.7690 | 3.7326 |
| 11 | 1.3053 | 1.6548 | 1.5866 | 1.7684 | 1.6976 | 1.8065 | 1.8208 | 0.7343 |
| | 2.4342 | 1.9889 | 2.0997 | 1.9889 | 2.0686 | 1.9056 | 1.8850 | 4.1190 |
| 12 | 1.6490 | 1.4789 | 1.7950 | 1.6971 | 1.6990 | 1.7640 | 0.9984 | |
| | 1.9267 | 2.1839 | 1.8715 | 2.0707 | 2.0800 | 1.9978 | 3.1622 | |
| 13 | 1.6022 | 1.8202 | 1.7741 | 1.8032 | 1.7621 | 1.0905 | 0.5438 | |
| | 1.9787 | 1.7614 | 1.8657 | 1.9090 | 2.0000 | 3.2233 | 5.9105 | |
| 14 | 1.7770 | 1.8307 | 1.8564 | 1.8172 | 0.9973 | 0.5256 | | |
| | 1.7891 | 1.7688 | 1.7721 | 1.8887 | 3.1652 | 6.0615 | | |
| 15 | 0.7788 | 0.8154 | 0.7843 | 0.7326 | F-SUB-Q | | | |
| | 3.6547 | 3.5230 | 3.7396 | 4.1278 | 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 | 1.3196 | 1.2863 | 1.3506 | 1.2915 | 1.6338 | 1.5870 | 1.7607 | 0.7686 |
| | 2.3159 | 2.3722 | 2.2244 | 2.2473 | 1.7792 | 1.8291 | 1.6536 | 3.4004 |
| 9 | 1.2863 | 1.5994 | 1.3454 | 1.6455 | 1.4653 | 1.8069 | 1.8171 | 0.8055 |
| | 2.3722 | 1.8904 | 2.2165 | 1.8207 | 2.0159 | 1.6226 | 1.6294 | 3.2735 |
| 10 | 1.3506 | 1.3407 | 1.5951 | 1.5796 | 1.7811 | 1.7614 | 1.8427 | 0.7756 |
| | 2.2244 | 2.2343 | 1.8959 | 1.9153 | 1.7172 | 1.7108 | 1.6272 | 3.4561 |
| 11 | 1.2915 | 1.6395 | 1.5723 | 1.7522 | 1.6813 | 1.7895 | 1.8025 | 0.7244 |
| | 2.2473 | 1.8272 | 1.9241 | 1.8071 | 1.8826 | 1.7529 | 1.7314 | 3.7990 |
| 12 | 1.6338 | 1.4633 | 1.7779 | 1.6808 | 1.6825 | 1.7466 | 0.9857 | |
| | 1.7792 | 2.0173 | 1.7205 | 1.8832 | 1.8896 | 1.8173 | 2.9028 | |
| 13 | 1.5870 | 1.8044 | 1.7573 | 1.7861 | 1.7447 | 1.0774 | 0.5367 | |
| | 1.8291 | 1.6247 | 1.7147 | 1.7561 | 1.8193 | 2.9473 | 5.4103 | |
| 14 | 1.7607 | 1.8139 | 1.8393 | 1.7988 | 0.9846 | 0.5186 | | |
| | 1.6536 | 1.6317 | 1.6301 | 1.7349 | 2.9056 | 5.5506 | | |
| 15 | 0.7686 | 0.8050 | 0.7741 | 0.7227 | F-SUB-Q | | | |
| | 3.4004 | 3.2755 | 3.4627 | 3.8073 | 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 | 1.2928 | 1.2603 | 1.3149 | 1.2662 | 1.5876 | 1.5519 | 1.7081 | 0.7639 |
| | 2.1859 | 2.2430 | 2.0956 | 2.1196 | 1.6962 | 1.7338 | 1.5799 | 3.1820 |
| 9 | 1.2603 | 1.5566 | 1.3191 | 1.6014 | 1.4362 | 1.7637 | 1.7632 | 0.8021 |
| | 2.2430 | 1.7777 | 2.0785 | 1.7223 | 1.9010 | 1.5382 | 1.5524 | 3.0546 |
| 10 | 1.3149 | 1.3146 | 1.5628 | 1.5463 | 1.7295 | 1.7197 | 1.7872 | 0.7700 |
| | 2.0956 | 2.0884 | 1.7761 | 1.7963 | 1.6269 | 1.6133 | 1.5466 | 3.2203 |
| 11 | 1.2662 | 1.5956 | 1.5391 | 1.7031 | 1.6432 | 1.7348 | 1.7468 | 0.7212 |
| | 2.1196 | 1.7284 | 1.8046 | 1.7167 | 1.7799 | 1.6481 | 1.6299 | 3.5116 |
| 12 | 1.5876 | 1.4342 | 1.7264 | 1.6427 | 1.6436 | 1.6945 | 0.9824 | |
| | 1.6962 | 1.9039 | 1.6299 | 1.7804 | 1.7833 | 1.7280 | 2.6918 | |
| 13 | 1.5519 | 1.7613 | 1.7157 | 1.7315 | 1.6927 | 1.0649 | 0.5352 | |
| | 1.7338 | 1.5402 | 1.6170 | 1.6512 | 1.7299 | 2.7453 | 5.0095 | |
| 14 | 1.7081 | 1.7601 | 1.7838 | 1.7433 | 0.9811 | 0.5180 | | |
| | 1.5799 | 1.5546 | 1.5493 | 1.6332 | 2.6952 | 5.1311 | | |
| 15 | 0.7639 | 0.8016 | 0.7685 | 0.7195 | F-SUB-Q | | | |
| | 3.1820 | 3.0564 | 3.2263 | 3.5192 | 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 | 1.2871 | 1.2555 | 1.3146 | 1.2682 | 1.5801 | 1.5429 | 1.6951 | 0.7509 |
| | 2.0118 | 2.0555 | 1.9433 | 1.9808 | 1.5983 | 1.6364 | 1.4941 | 3.0444 |
| 9 | 1.2555 | 1.5515 | 1.3166 | 1.5965 | 1.4313 | 1.7520 | 1.7476 | 0.7867 |
| | 2.0555 | 1.6527 | 1.9372 | 1.6106 | 1.7833 | 1.4509 | 1.4664 | 2.9294 |
| 10 | 1.3146 | 1.3121 | 1.5595 | 1.5434 | 1.7167 | 1.7092 | 1.7716 | 0.7551 |
| | 1.9433 | 1.9431 | 1.6550 | 1.6732 | 1.5264 | 1.5134 | 1.4565 | 3.0752 |
| 11 | 1.2682 | 1.5908 | 1.5364 | 1.6909 | 1.6347 | 1.7209 | 1.7271 | 0.7045 |
| | 1.9808 | 1.6162 | 1.6807 | 1.5928 | 1.6451 | 1.5391 | 1.5304 | 3.3508 |
| 12 | 1.5801 | 1.4294 | 1.7136 | 1.6342 | 1.6338 | 1.6780 | 0.9581 | |
| | 1.5983 | 1.7855 | 1.5292 | 1.6456 | 1.6585 | 1.6112 | 2.5381 | |
| 13 | 1.5429 | 1.7497 | 1.7052 | 1.7177 | 1.6761 | 1.0423 | 0.5231 | |
| | 1.6364 | 1.4528 | 1.5168 | 1.5420 | 1.6130 | 2.6096 | 4.7557 | |
| 14 | 1.6951 | 1.7446 | 1.7684 | 1.7237 | 0.9569 | 0.5056 | | |
| | 1.4941 | 1.4685 | 1.4591 | 1.5334 | 2.5410 | 4.8775 | | |
| 15 | 0.7509 | 0.7862 | 0.7537 | 0.7029 | F-SUB-Q | | | |
| | 3.0444 | 2.9311 | 3.0810 | 3.3581 | 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 | 1.2286 | 1.2125 | 1.2929 | 1.2564 | 1.5131 | 1.4843 | 1.6244 | 0.7436 |
| | 1.9807 | 1.9974 | 1.6521 | 1.8976 | 1.5070 | 1.6182 | 1.4825 | 2.9307 |
| 9 | 1.2125 | 1.4939 | 1.2729 | 1.5525 | 1.3861 | 1.6743 | 1.6685 | 0.7772 |
| | 1.9974 | 1.6177 | 1.8917 | 1.5665 | 1.7466 | 1.4431 | 1.4564 | 2.8266 |
| 10 | 1.2929 | 1.2690 | 1.4945 | 1.5058 | 1.6511 | 1.6364 | 1.6905 | 0.7410 |
| | 1.6521 | 1.8974 | 1.6323 | 1.6194 | 1.5095 | 1.4959 | 1.4457 | 2.9782 |
| 11 | 1.2564 | 1.5473 | 1.4992 | 1.6160 | 1.5733 | 1.6494 | 1.6578 | 0.6854 |
| | 1.8976 | 1.5717 | 1.6264 | 1.5532 | 1.5996 | 1.4758 | 1.4980 | 3.2631 |
| 12 | 1.5131 | 1.3843 | 1.6483 | 1.5728 | 1.5597 | 1.6082 | 0.9445 | |
| | 1.5070 | 1.7488 | 1.5122 | 1.6012 | 1.6251 | 1.5740 | 2.4244 | |
| 13 | 1.4843 | 1.6713 | 1.6327 | 1.6465 | 1.6064 | 1.0065 | 0.5098 | |
| | 1.6182 | 1.4448 | 1.4992 | 1.4783 | 1.5757 | 2.5228 | 4.5799 | |
| 14 | 1.6244 | 1.6657 | 1.6874 | 1.6545 | 0.9430 | 0.4924 | | |
| | 1.4825 | 1.4585 | 1.4483 | 1.5010 | 2.4278 | 4.7000 | | |
| 15 | 0.7436 | 0.7768 | 0.7397 | 0.6838 | F-SUB-Q | | | |
| | 2.9307 | 2.8282 | 2.9836 | 3.2700 | 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 | 1.0245 | 1.0699 | 1.3881 | 1.1306 | 1.5262 | 1.2577 | 1.5586 | 0.6824 |
| | 2.2654 | 2.1542 | 1.6521 | 2.0287 | 1.5070 | 1.8382 | 1.4832 | 3.0840 |
| 9 | 1.0699 | 1.4098 | 1.0967 | 1.4599 | 1.2024 | 1.4304 | 1.5915 | 0.7115 |
| | 2.1542 | 1.6406 | 2.1071 | 1.5919 | 1.9315 | 1.6227 | 1.4636 | 2.9837 |
| 10 | 1.3881 | 1.0896 | 1.2589 | 1.3331 | 1.5445 | 1.3820 | 1.5741 | 0.6586 |
| | 1.6521 | 2.1129 | 1.8584 | 1.7533 | 1.5323 | 1.7016 | 1.4897 | 3.2236 |
| 11 | 1.1306 | 1.4530 | 1.3277 | 1.5308 | 1.3762 | 1.6144 | 1.4847 | 0.6043 |
| | 2.0287 | 1.5977 | 1.7604 | 1.5578 | 1.7363 | 1.4758 | 1.6006 | 3.5604 |
| 12 | 1.5262 | 1.2002 | 1.5416 | 1.3749 | 1.2815 | 1.4970 | 0.8684 | |
| | 1.5070 | 1.9350 | 1.5352 | 1.7379 | 1.8927 | 1.6168 | 2.5245 | |
| 13 | 1.2577 | 1.4286 | 1.3789 | 1.6117 | 1.4952 | 0.8867 | 0.4498 | |
| | 1.8382 | 1.6248 | 1.7054 | 1.4783 | 1.6188 | 2.7417 | 4.9839 | |
| 14 | 1.5586 | 1.5893 | 1.5713 | 1.4818 | 0.8663 | 0.4351 | | |
| | 1.4832 | 1.4650 | 1.4923 | 1.6038 | 2.5305 | 5.1084 | | |
| 15 | 0.6824 | 0.7109 | 0.6574 | 0.6030 | F-SUB-Q | | | |
| | 3.0840 | 2.9854 | 3.2286 | 3.5678 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.4432 | 0.4768 | 0.5702 | 0.5087 | 0.6121 | 0.5247 | 0.5753 | 0.2964 |
| | 5.0381 | 4.6631 | 3.8820 | 4.3624 | 3.6234 | 4.2493 | 3.8806 | 6.8828 |
| 9 | 0.4768 | 0.5562 | 0.4908 | 0.6014 | 0.5379 | 0.5606 | 0.5826 | 0.3052 |
| | 4.6631 | 3.9989 | 4.5295 | 3.7202 | 4.1735 | 3.9972 | 3.8437 | 6.7328 |
| 10 | 0.5702 | 0.4896 | 0.5105 | 0.5672 | 0.6316 | 0.5580 | 0.5747 | 0.2869 |
| | 3.8819 | 4.5412 | 4.4139 | 3.9727 | 3.5905 | 4.0612 | 3.9346 | 7.1615 |
| 11 | 0.5087 | 0.5994 | 0.5651 | 0.6269 | 0.5655 | 0.6265 | 0.5396 | 0.2564 |
| | 4.3624 | 3.7324 | 3.9875 | 3.6434 | 4.0497 | 3.6599 | 4.2437 | 8.1191 |
| 12 | 0.6121 | 0.5369 | 0.6305 | 0.5648 | 0.5069 | 0.5518 | 0.3736 | |
| | 3.6234 | 4.1816 | 3.5977 | 4.0547 | 4.5683 | 4.2121 | 5.6519 | |
| 13 | 0.5247 | 0.5600 | 0.5569 | 0.6254 | 0.5512 | 0.3888 | 0.1953 | |
| | 4.2493 | 4.0018 | 4.0697 | 3.6659 | 4.2173 | 6.0334 | *11.1105 | |
| 14 | 0.5753 | 0.5818 | 0.5737 | 0.5385 | 0.3726 | 0.1921 | | |
| | 3.8806 | 3.8472 | 3.9413 | 4.2520 | 5.6660 | *11.2029 | | |
| 15 | 0.2964 | 0.3050 | 0.2865 | 0.2558 | F-SUB-Q | | | |
| | 6.8828 | 6.7365 | 7.1722 | 8.1355 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3086 | 0.4065 | 0.5172 | 0.4772 | 0.5625 | 0.4794 | 0.5164 | 0.2795 |
| | 6.0489 | 5.9906 | 4.9470 | 5.3470 | 4.5344 | 5.3470 | 4.9826 | 8.3385 |
| 9 | 0.4065 | 0.4794 | 0.4484 | 0.5456 | 0.4897 | 0.4965 | 0.5173 | 0.2873 |
| | 5.9906 | 5.2000 | 5.7362 | 4.6895 | 5.2058 | 5.1824 | 4.9660 | 8.1607 |
| 10 | 0.5172 | 0.4476 | 0.4546 | 0.4980 | 0.5432 | 0.4811 | 0.4926 | 0.2616 |
| | 4.9470 | 5.7464 | 5.6334 | 5.1309 | 4.6264 | 5.2589 | 5.1377 | 8.7854 |
| 11 | 0.4772 | 0.5445 | 0.4968 | 0.5137 | 0.4540 | 0.4855 | 0.4410 | 0.2258 |
| | 5.3470 | 4.6972 | 5.1396 | 4.6295 | 5.1246 | 4.7103 | 5.4891 | *10.0632 |
| 12 | 0.5625 | 0.4894 | 0.5424 | 0.4535 | 0.3296 | 0.3676 | 0.2815 | |
| | 4.5344 | 5.2092 | 4.6317 | 5.1281 | 5.5961 | 5.1954 | 6.9034 | |
| 13 | 0.4794 | 0.4962 | 0.4807 | 0.4851 | 0.3672 | 0.2293 | 0.1396 | |
| | 5.3470 | 5.1852 | 5.2641 | 4.7143 | 5.1995 | 7.1290 | *12.4944 | |
| 14 | 0.5164 | 0.5171 | 0.4922 | 0.4405 | 0.2811 | 0.1357 | | |
| | 4.9826 | 4.9680 | 5.1417 | 5.4947 | 6.9132 | *12.7207 | | |
| 15 | 0.2795 | 0.2872 | 0.2614 | 0.2255 | F-SUB-Q | | | |
| | 8.3385 | 8.1627 | 8.7916 | *10.0738 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.6859 | 0.9016 | 1.2239 | 1.0594 | 1.3410 | 1.1159 | 1.3336 | 0.6630 |
| | 2.8553 | 2.7562 | 2.1638 | 2.4947 | 1.9710 | 2.3724 | 1.9931 | 3.6297 |
| 9 | 0.9016 | 1.1680 | 0.9939 | 1.2809 | 1.0892 | 1.2268 | 1.3400 | 0.6813 |
| | 2.7562 | 2.2009 | 2.6702 | 2.0704 | 2.4244 | 2.1606 | 1.9803 | 3.5536 |
| 10 | 1.2239 | 0.9918 | 1.0928 | 1.1410 | 1.2705 | 1.1680 | 1.2850 | 0.6181 |
| | 2.1638 | 2.6755 | 2.4162 | 2.3111 | 2.0245 | 2.2367 | 2.0390 | 3.8382 |
| 11 | 1.0594 | 1.2781 | 1.1380 | 1.2020 | 1.0632 | 1.1949 | 1.1420 | 0.5455 |
| | 2.4947 | 2.0743 | 2.3155 | 2.0192 | 2.2085 | 1.9729 | 2.1500 | 4.2933 |
| 12 | 1.3410 | 1.0886 | 1.2687 | 1.0622 | 0.7765 | 0.9480 | 0.6657 | |
| | 1.9710 | 2.4257 | 2.0266 | 2.2100 | 2.3253 | 2.0622 | 3.0152 | |
| 13 | 1.1159 | 1.2262 | 1.1670 | 1.1938 | 0.9468 | 0.5208 | 0.3299 | |
| | 2.3724 | 2.1617 | 2.2388 | 1.9745 | 2.0637 | 3.2208 | 5.4576 | |
| 14 | 1.3336 | 1.3396 | 1.2841 | 1.1410 | 0.6645 | 0.3204 | | |
| | 1.9931 | 1.9810 | 2.0405 | 2.1522 | 3.0197 | 5.5630 | | |
| 15 | 0.6630 | 0.6811 | 0.6177 | 0.5449 | F-SUB-Q | | | |
| | 3.6297 | 3.5544 | 3.8409 | 4.2976 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8350 | 1.0556 | 1.2594 | 1.2463 | 1.4410 | 1.3579 | 1.4730 | 0.7841 |
| | 2.4242 | 2.3936 | 2.1596 | 2.1787 | 1.8829 | 1.9964 | 1.8411 | 3.1291 |
| 9 | 1.0556 | 1.3131 | 1.1827 | 1.4160 | 1.3051 | 1.4929 | 1.4913 | 0.8084 |
| | 2.3936 | 2.0291 | 2.3033 | 1.9189 | 2.0765 | 1.8141 | 1.8143 | 3.0515 |
| 10 | 1.2594 | 1.1773 | 1.3277 | 1.3437 | 1.4367 | 1.4261 | 1.4575 | 0.7438 |
| | 2.1596 | 2.3137 | 2.0424 | 2.0167 | 1.8497 | 1.8888 | 1.8477 | 3.2682 |
| 11 | 1.2463 | 1.4131 | 1.3399 | 1.3538 | 1.2584 | 1.3386 | 1.3567 | 0.6636 |
| | 2.1787 | 1.9227 | 2.0208 | 1.8745 | 1.9007 | 1.8191 | 1.8671 | 3.6222 |
| 12 | 1.4410 | 1.3046 | 1.4354 | 1.2570 | 0.9473 | 1.0945 | 0.7896 | |
| | 1.8829 | 2.0773 | 1.8514 | 1.9014 | 1.9154 | 1.8593 | 2.6151 | |
| 13 | 1.3579 | 1.4923 | 1.4251 | 1.3373 | 1.0933 | 0.6318 | 0.3980 | |
| | 1.9964 | 1.8150 | 1.8902 | 1.8207 | 1.8606 | 2.7294 | 4.6629 | |
| 14 | 1.4730 | 1.4907 | 1.4565 | 1.3554 | 0.7882 | 0.3893 | | |
| | 1.8411 | 1.8151 | 1.8490 | 1.8689 | 2.6192 | 4.7186 | | |
| 15 | 0.7841 | 0.8083 | 0.7432 | 0.6629 | F-SUB-Q | | | |
| | 3.1291 | 3.0521 | 3.2706 | 3.6257 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9165 | 1.1419 | 1.3802 | 1.3466 | 1.6044 | 1.4987 | 1.6578 | 0.8366 |
| | 2.2930 | 2.2863 | 2.0373 | 2.0832 | 1.7446 | 1.8615 | 1.6823 | 3.0145 |
| 9 | 1.1419 | 1.4587 | 1.2856 | 1.5655 | 1.4253 | 1.6656 | 1.6808 | 0.8646 |
| | 2.2863 | 1.8935 | 2.1867 | 1.7931 | 1.9616 | 1.6744 | 1.6574 | 2.9349 |
| 10 | 1.3802 | 1.2792 | 1.4581 | 1.4660 | 1.6058 | 1.5874 | 1.6468 | 0.7957 |
| | 2.0373 | 2.1976 | 1.9236 | 1.9089 | 1.7089 | 1.7504 | 1.6863 | 3.1512 |
| 11 | 1.3466 | 1.5620 | 1.4616 | 1.5037 | 1.3821 | 1.5143 | 1.5345 | 0.7154 |
| | 2.0832 | 1.7970 | 1.9147 | 1.7319 | 1.7809 | 1.6664 | 1.7105 | 3.4795 |
| 12 | 1.6044 | 1.4246 | 1.6042 | 1.3806 | 1.0445 | 1.2374 | 0.8485 | |
| | 1.7446 | 1.9625 | 1.7105 | 1.7815 | 1.7874 | 1.7106 | 2.5298 | |
| 13 | 1.4987 | 1.6648 | 1.5863 | 1.5128 | 1.2359 | 0.6994 | 0.4268 | |
| | 1.8615 | 1.6753 | 1.7517 | 1.6680 | 1.7119 | 2.5841 | 4.5335 | |
| 14 | 1.6578 | 1.6800 | 1.6457 | 1.5330 | 0.8476 | 0.4175 | | |
| | 1.6823 | 1.6582 | 1.6875 | 1.7123 | 2.5319 | 4.5874 | | |
| 15 | 0.8366 | 0.8644 | 0.7951 | 0.7146 | F-SUB-Q | | | |
| | 3.0145 | 2.9355 | 3.1537 | 3.4830 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9661 | 1.1838 | 1.4433 | 1.3920 | 1.6869 | 1.5636 | 1.7515 | 0.8705 |
| | 2.3256 | 2.3159 | 2.0317 | 2.1024 | 1.7287 | 1.8564 | 1.6559 | 3.0144 |
| 9 | 1.1838 | 1.5248 | 1.3269 | 1.6403 | 1.4753 | 1.7466 | 1.7781 | 0.9033 |
| | 2.3159 | 1.8936 | 2.2063 | 1.7810 | 1.9750 | 1.6612 | 1.6299 | 2.9235 |
| 10 | 1.4433 | 1.3198 | 1.5082 | 1.5248 | 1.6871 | 1.6629 | 1.7444 | 0.8307 |
| | 2.0317 | 2.2182 | 1.9325 | 1.9072 | 1.6908 | 1.7360 | 1.6541 | 3.1453 |
| 11 | 1.3920 | 1.6365 | 1.5200 | 1.5734 | 1.4472 | 1.6082 | 1.6343 | 0.7501 |
| | 2.1024 | 1.7852 | 1.9133 | 1.7190 | 1.7831 | 1.6403 | 1.6799 | 3.4607 |
| 12 | 1.6869 | 1.4746 | 1.6853 | 1.4455 | 1.1098 | 1.3291 | 0.8953 | |
| | 1.7287 | 1.9759 | 1.6925 | 1.7837 | 1.7896 | 1.6871 | 2.5212 | |
| 13 | 1.5636 | 1.7457 | 1.6616 | 1.6065 | 1.3275 | 0.7495 | 0.4483 | |
| | 1.8564 | 1.6620 | 1.7374 | 1.6419 | 1.6884 | 2.5730 | 4.5609 | |
| 14 | 1.7515 | 1.7772 | 1.7431 | 1.6325 | 0.8944 | 0.4384 | | |
| | 1.6559 | 1.6307 | 1.6555 | 1.6818 | 2.5231 | 4.6167 | | |
| 15 | 0.8705 | 0.9031 | 0.8300 | 0.7492 | F-SUB-Q | | | |
| | 3.0144 | 2.9242 | 3.1479 | 3.4644 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9952 | 1.2060 | 1.4754 | 1.4159 | 1.7284 | 1.5990 | 1.8021 | 0.8934 |
| | 2.4167 | 2.3987 | 2.0881 | 2.1806 | 1.7784 | 1.9116 | 1.6940 | 3.0924 |
| 9 | 1.2060 | 1.5563 | 1.3467 | 1.6793 | 1.4998 | 1.7904 | 1.8312 | 0.9286 |
| | 2.3987 | 1.9450 | 2.2835 | 1.8259 | 2.0475 | 1.7060 | 1.6648 | 2.9947 |
| 10 | 1.4754 | 1.3393 | 1.5317 | 1.5571 | 1.7296 | 1.7050 | 1.7993 | 0.8558 |
| | 2.0881 | 2.2963 | 1.9965 | 1.9593 | 1.7268 | 1.7745 | 1.6807 | 3.2131 |
| 11 | 1.4159 | 1.6752 | 1.5520 | 1.6090 | 1.4857 | 1.6635 | 1.6943 | 0.7742 |
| | 2.1806 | 1.8303 | 1.9658 | 1.7671 | 1.8395 | 1.6725 | 1.7065 | 3.5120 |
| 12 | 1.7284 | 1.4991 | 1.7276 | 1.4840 | 1.1528 | 1.3868 | 0.9317 | |
| | 1.7784 | 2.0485 | 1.7287 | 1.8411 | 1.8497 | 1.7288 | 2.5746 | |
| 13 | 1.5990 | 1.7894 | 1.7035 | 1.6617 | 1.3850 | 0.7859 | 0.4661 | |
| | 1.9116 | 1.7070 | 1.7761 | 1.6742 | 1.7303 | 2.6454 | 4.6986 | |
| 14 | 1.8021 | 1.8302 | 1.7978 | 1.6923 | 0.9308 | 0.4555 | | |
| | 1.6940 | 1.6659 | 1.6821 | 1.7084 | 2.5766 | 4.7589 | | |
| 15 | 0.8934 | 0.9284 | 0.8550 | 0.7733 | F-SUB-Q | | | |
| | 3.0924 | 2.9954 | 3.2159 | 3.5159 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0125 | 1.2268 | 1.5103 | 1.4394 | 1.7717 | 1.6343 | 1.8558 | 0.9056 |
| | 2.5214 | 2.4885 | 2.1649 | 2.2795 | 1.8455 | 1.9909 | 1.7511 | 3.2480 |
| 9 | 1.2268 | 1.5921 | 1.3678 | 1.7221 | 1.5246 | 1.8349 | 1.8865 | 0.9422 |
| | 2.4885 | 2.0055 | 2.3860 | 1.8878 | 2.1382 | 1.7666 | 1.7129 | 3.1427 |
| 10 | 1.5103 | 1.3600 | 1.5579 | 1.5910 | 1.7758 | 1.7479 | 1.8569 | 0.8683 |
| | 2.1649 | 2.3999 | 2.0737 | 2.0270 | 1.7660 | 1.8331 | 1.7249 | 3.3584 |
| 11 | 1.4394 | 1.7178 | 1.5856 | 1.6500 | 1.5246 | 1.7219 | 1.7555 | 0.7879 |
| | 2.2795 | 1.8928 | 2.0339 | 1.8255 | 1.9005 | 1.7111 | 1.7376 | 3.6439 |
| 12 | 1.7717 | 1.5238 | 1.7737 | 1.5228 | 1.1824 | 1.4431 | 0.9534 | |
| | 1.8455 | 2.1403 | 1.7680 | 1.9023 | 1.9224 | 1.7828 | 2.6863 | |
| 13 | 1.6343 | 1.8338 | 1.7462 | 1.7199 | 1.4412 | 0.8112 | 0.4770 | |
| | 1.9909 | 1.7677 | 1.8349 | 1.7130 | 1.7843 | 2.7635 | 4.9421 | |
| 14 | 1.8558 | 1.8854 | 1.8552 | 1.7533 | 0.9525 | 0.4655 | | |
| | 1.7511 | 1.7142 | 1.7265 | 1.7397 | 2.6883 | 5.0127 | | |
| 15 | 0.9056 | 0.9419 | 0.8675 | 0.7869 | F-SUB-Q | | | |
| | 3.2480 | 3.1435 | 3.3616 | 3.6481 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0256 | 1.2396 | 1.5294 | 1.4521 | 1.7953 | 1.6550 | 1.8874 | 0.9142 |
| | 2.6845 | 2.6513 | 2.2897 | 2.4314 | 1.9596 | 2.1101 | 1.8469 | 3.4451 |
| 9 | 1.2396 | 1.6126 | 1.3795 | 1.7472 | 1.5378 | 1.8618 | 1.9200 | 0.9520 |
| | 2.6513 | 2.1281 | 2.5339 | 1.9912 | 2.2746 | 1.8709 | 1.8064 | 3.3315 |
| 10 | 1.5294 | 1.3714 | 1.5733 | 1.6124 | 1.8037 | 1.7755 | 1.8938 | 0.8788 |
| | 2.2897 | 2.5490 | 2.1946 | 2.1361 | 1.8572 | 1.9318 | 1.8101 | 3.5590 |
| 11 | 1.4521 | 1.7427 | 1.6068 | 1.6816 | 1.5523 | 1.7625 | 1.7981 | 0.7999 |
| | 2.4314 | 1.9967 | 2.1435 | 1.9167 | 2.0038 | 1.7941 | 1.8214 | 3.8312 |
| 12 | 1.7953 | 1.5370 | 1.8014 | 1.5505 | 1.2072 | 1.4858 | 0.9748 | |
| | 1.9596 | 2.2768 | 1.8594 | 2.0057 | 2.0248 | 1.8668 | 2.8257 | |
| 13 | 1.6550 | 1.8606 | 1.7736 | 1.7603 | 1.4838 | 0.8343 | 0.4888 | |
| | 2.1101 | 1.8722 | 1.9339 | 1.7961 | 1.8684 | 2.9196 | 5.2247 | |
| 14 | 1.8874 | 1.9188 | 1.8919 | 1.7958 | 0.9738 | 0.4764 | | |
| | 1.8469 | 1.8078 | 1.8120 | 1.8237 | 2.8278 | 5.3054 | | |
| 15 | 0.9142 | 0.9517 | 0.8779 | 0.7989 | F-SUB-Q | | | |
| | 3.4451 | 3.3324 | 3.5631 | 3.8360 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0440 | 1.2565 | 1.5522 | 1.4651 | 1.8208 | 1.6751 | 1.9195 | 0.9195 |
| | 2.9261 | 2.8573 | 2.4543 | 2.5995 | 2.0710 | 2.2291 | 1.9420 | 3.6500 |
| 9 | 1.2565 | 1.6391 | 1.3939 | 1.7761 | 1.5521 | 1.8890 | 1.9547 | 0.9564 |
| | 2.8573 | 2.2715 | 2.7290 | 2.1294 | 2.4326 | 1.9789 | 1.9111 | 3.5351 |
| 10 | 1.5522 | 1.3855 | 1.5931 | 1.6369 | 1.8354 | 1.8045 | 1.9327 | 0.8859 |
| | 2.4543 | 2.7455 | 2.3561 | 2.2869 | 1.9812 | 2.0653 | 1.9255 | 3.7997 |
| 11 | 1.4651 | 1.7714 | 1.6310 | 1.7201 | 1.5868 | 1.8087 | 1.8442 | 0.8085 |
| | 2.5995 | 2.1354 | 2.2949 | 2.0566 | 2.1571 | 1.9196 | 1.9359 | 4.1142 |
| 12 | 1.8208 | 1.5512 | 1.8329 | 1.5850 | 1.2386 | 1.5381 | 0.9959 | |
| | 2.0710 | 2.4339 | 1.9837 | 2.1592 | 2.1851 | 1.9987 | 3.0504 | |
| 13 | 1.6751 | 1.8876 | 1.8023 | 1.8063 | 1.5360 | 0.8633 | 0.5025 | |
| | 2.2291 | 1.9803 | 2.0677 | 1.9219 | 2.0005 | 3.1477 | 5.6373 | |
| 14 | 1.9195 | 1.9530 | 1.9306 | 1.8417 | 0.9950 | 0.4892 | | |
| | 1.9420 | 1.9124 | 1.9276 | 1.9385 | 3.0526 | 5.7313 | | |
| 15 | 0.9195 | 0.9561 | 0.8849 | 0.8073 | F-SUB-Q | | | |
| | 3.6499 | 3.5362 | 3.8036 | 4.1196 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0696 | 1.2633 | 1.5421 | 1.4576 | 1.8056 | 1.6675 | 1.9055 | 0.9262 |
| | 3.2354 | 3.1609 | 2.7185 | 2.8199 | 2.2502 | 2.4147 | 2.1111 | 3.9043 |
| 9 | 1.2633 | 1.6345 | 1.3893 | 1.7680 | 1.5427 | 1.8812 | 1.9457 | 0.9668 |
| | 3.1609 | 2.5243 | 3.0239 | 2.3486 | 2.6378 | 2.1437 | 2.0729 | 3.7658 |
| 10 | 1.5421 | 1.3809 | 1.5898 | 1.6365 | 1.8289 | 1.8044 | 1.9293 | 0.8996 |
| | 2.7185 | 3.0420 | 2.6128 | 2.5314 | 2.1830 | 2.2536 | 2.1012 | 4.0214 |
| 11 | 1.4576 | 1.7628 | 1.6305 | 1.7298 | 1.6062 | 1.8214 | 1.8562 | 0.8245 |
| | 2.8199 | 2.3546 | 2.5404 | 2.2775 | 2.3749 | 2.1120 | 2.1293 | 4.4335 |
| 12 | 1.8056 | 1.5418 | 1.8263 | 1.6043 | 1.2819 | 1.5769 | 1.0330 | |
| | 2.2503 | 2.6391 | 2.1857 | 2.3773 | 2.4259 | 2.2158 | 3.2977 | |
| 13 | 1.6675 | 1.8797 | 1.8019 | 1.8188 | 1.5747 | 0.9095 | 0.5268 | |
| | 2.4147 | 2.1453 | 2.2564 | 2.1146 | 2.2181 | 3.4637 | 6.1432 | |
| 14 | 1.9055 | 1.9439 | 1.9271 | 1.8535 | 1.0318 | 0.5130 | | |
| | 2.1111 | 2.0744 | 2.1035 | 2.1322 | 3.3007 | 6.2435 | | |
| 15 | 0.9261 | 0.9664 | 0.8986 | 0.8232 | F-SUB-Q | | | |
| | 3.9043 | 3.7670 | 4.0256 | 4.4394 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1476 | 1.3014 | 1.5763 | 1.4730 | 1.8387 | 1.6903 | 1.9464 | 0.9234 |
| | 3.5764 | 3.4998 | 2.8614 | 2.9957 | 2.3684 | 2.5451 | 2.2052 | 4.1598 |
| 9 | 1.3014 | 1.6811 | 1.4102 | 1.8099 | 1.5637 | 1.9142 | 1.9917 | 0.9632 |
| | 3.4998 | 2.7505 | 3.2050 | 2.4745 | 2.8021 | 2.2563 | 2.1708 | 4.0212 |
| 10 | 1.5763 | 1.4014 | 1.6201 | 1.6715 | 1.8785 | 1.8426 | 1.9818 | 0.8978 |
| | 2.8614 | 3.2246 | 2.8075 | 2.7038 | 2.3690 | 2.3855 | 2.2086 | 4.3253 |
| 11 | 1.4730 | 1.8045 | 1.6653 | 1.7966 | 1.6730 | 1.9049 | 1.9244 | 0.8289 |
| | 2.9957 | 2.4810 | 2.7136 | 2.4837 | 2.6098 | 2.3034 | 2.3226 | 4.7698 |
| 12 | 1.8387 | 1.5619 | 1.8758 | 1.6710 | 1.3859 | 1.6933 | 1.0607 | |
| | 2.3684 | 2.8035 | 2.3722 | 2.6123 | 2.6570 | 2.4097 | 3.6766 | |
| 13 | 1.6903 | 1.9125 | 1.8399 | 1.9023 | 1.6910 | 0.9952 | 0.5490 | |
| | 2.5451 | 2.2581 | 2.3888 | 2.3062 | 2.4125 | 3.8238 | 6.8233 | |
| 14 | 1.9464 | 1.9897 | 1.9793 | 1.9215 | 1.0596 | 0.5337 | | |
| | 2.2052 | 2.1724 | 2.2111 | 2.3258 | 3.6794 | 6.9479 | | |
| 15 | 0.9234 | 0.9628 | 0.8965 | 0.8275 | F-SUB-Q | | | |
| | 4.1598 | 4.0225 | 4.3300 | 4.7766 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2425 | 1.3325 | 1.5852 | 1.4728 | 1.8418 | 1.6926 | 1.9537 | 0.9222 |
| | 3.6875 | 3.6001 | 3.0716 | 3.2237 | 2.5430 | 2.7312 | 2.3602 | 4.4596 |
| 9 | 1.3325 | 1.7029 | 1.4156 | 1.8231 | 1.5678 | 1.9205 | 2.0040 | 0.9634 |
| | 3.6001 | 2.8556 | 3.4487 | 2.6596 | 3.0185 | 2.4194 | 2.3236 | 4.3065 |
| 10 | 1.5852 | 1.4066 | 1.6312 | 1.6862 | 1.9228 | 1.8575 | 2.0031 | 0.9019 |
| | 3.0716 | 3.4703 | 2.9977 | 2.9004 | 2.5055 | 2.5613 | 2.3642 | 4.6328 |
| 11 | 1.4728 | 1.8176 | 1.6798 | 1.8391 | 1.7268 | 1.9661 | 1.9666 | 0.8374 |
| | 3.2237 | 2.6666 | 2.9115 | 2.6164 | 2.7515 | 2.4272 | 2.4578 | 5.1204 |
| 12 | 1.8418 | 1.5659 | 1.9199 | 1.7249 | 1.6022 | 1.8121 | 1.0979 | |
| | 2.5430 | 3.0200 | 2.5091 | 2.7545 | 2.8215 | 2.5585 | 3.9140 | |
| 13 | 1.6926 | 1.9187 | 1.8545 | 1.9633 | 1.8097 | 1.0999 | 0.5775 | |
| | 2.7312 | 2.4215 | 2.5650 | 2.4306 | 2.5613 | 4.0917 | 7.3511 | |
| 14 | 1.9537 | 2.0019 | 2.0003 | 1.9635 | 1.0968 | 0.5610 | | |
| | 2.3602 | 2.3254 | 2.3670 | 2.4617 | 3.9175 | 7.4910 | | |
| 15 | 0.9222 | 0.9630 | 0.9006 | 0.8360 | F-SUB-Q | | | |
| | 4.4596 | 4.3081 | 4.6380 | 5.1278 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2986 | 1.3400 | 1.5674 | 1.4563 | 1.8161 | 1.6749 | 1.9303 | 0.9216 |
| | 3.7277 | 3.6390 | 2.9899 | 3.1296 | 2.4892 | 2.6843 | 2.3332 | 4.3983 |
| 9 | 1.3400 | 1.6942 | 1.4040 | 1.8068 | 1.5539 | 1.9019 | 1.9844 | 0.9640 |
| | 3.6390 | 2.8680 | 3.3470 | 2.6054 | 2.9497 | 2.3893 | 2.3039 | 4.2408 |
| 10 | 1.5674 | 1.3950 | 1.6208 | 1.6781 | 1.9308 | 1.8480 | 1.9918 | 0.9056 |
| | 2.9899 | 3.3682 | 2.9520 | 2.8446 | 2.5109 | 2.5447 | 2.3588 | 4.5821 |
| 11 | 1.4563 | 1.8011 | 1.6716 | 1.8460 | 1.7498 | 1.9857 | 1.9748 | 0.8454 |
| | 3.1296 | 2.6129 | 2.8557 | 2.6443 | 2.7759 | 2.4488 | 2.4750 | 5.1239 |
| 12 | 1.8161 | 1.5520 | 1.9279 | 1.7478 | 1.6908 | 1.8675 | 1.1323 | |
| | 2.4892 | 2.9515 | 2.5149 | 2.7790 | 2.8466 | 2.5806 | 3.8849 | |
| 13 | 1.6749 | 1.9000 | 1.8448 | 1.9828 | 1.8651 | 1.1670 | 0.6026 | |
| | 2.6843 | 2.3917 | 2.5491 | 2.4524 | 2.5836 | 4.0921 | 7.3092 | |
| 14 | 1.9303 | 1.9821 | 1.9889 | 1.9716 | 1.1310 | 0.5855 | | |
| | 2.3332 | 2.3060 | 2.3621 | 2.4791 | 3.8891 | 7.4468 | | |
| 15 | 0.9216 | 0.9636 | 0.9044 | 0.8439 | F-SUB-Q | | | |
| | 4.3983 | 4.2428 | 4.5883 | 5.1329 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3203 | 1.3502 | 1.5782 | 1.4533 | 1.8262 | 1.6786 | 1.9483 | 0.9075 |
| | 3.5433 | 3.4490 | 2.8650 | 3.0229 | 2.3846 | 2.5783 | 2.2247 | 4.2921 |
| 9 | 1.3502 | 1.7137 | 1.4055 | 1.8235 | 1.5551 | 1.9123 | 2.0064 | 0.9492 |
| | 3.4490 | 2.7273 | 3.2273 | 2.4945 | 2.8467 | 2.2894 | 2.1977 | 4.1455 |
| 10 | 1.5782 | 1.3962 | 1.6278 | 1.6891 | 1.9669 | 1.8620 | 2.0208 | 0.8966 |
| | 2.8650 | 3.2483 | 2.8422 | 2.7334 | 2.4023 | 2.4410 | 2.2485 | 4.4858 |
| 11 | 1.4533 | 1.8177 | 1.6824 | 1.8781 | 1.7782 | 2.0319 | 2.0146 | 0.8378 |
| | 3.0229 | 2.5018 | 2.7445 | 2.5199 | 2.6712 | 2.3413 | 2.3605 | 5.0087 |
| 12 | 1.8262 | 1.5531 | 1.9638 | 1.7763 | 1.7369 | 1.9256 | 1.1344 | |
| | 2.3846 | 2.8485 | 2.4064 | 2.6741 | 2.7504 | 2.4693 | 3.7792 | |
| 13 | 1.6786 | 1.9102 | 1.8586 | 2.0288 | 1.9231 | 1.1921 | 0.6070 | |
| | 2.5783 | 2.2918 | 2.4455 | 2.3447 | 2.4725 | 3.9584 | 7.0716 | |
| 14 | 1.9483 | 2.0040 | 2.0176 | 2.0112 | 1.1332 | 0.5887 | | |
| | 2.2247 | 2.1998 | 2.2519 | 2.3644 | 3.7827 | 7.2182 | | |
| 15 | 0.9075 | 0.9488 | 0.8951 | 0.8362 | F-SUB-Q | | | |
| | 4.2921 | 4.1476 | 4.4923 | 5.0181 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.3124 | 1.3384 | 1.5629 | 1.4349 | 1.8092 | 1.6630 | 1.9365 | 0.8937 |
| | 3.3026 | 3.2195 | 2.6455 | 2.8127 | 2.2244 | 2.4135 | 2.0764 | 4.0162 |
| 9 | 1.3384 | 1.7017 | 1.3896 | 1.8106 | 1.5378 | 1.8976 | 1.9970 | 0.9348 |
| | 3.2195 | 2.5229 | 2.9887 | 2.3140 | 2.6630 | 2.1433 | 2.0515 | 3.8788 |
| 10 | 1.5629 | 1.3811 | 1.6121 | 1.6763 | 1.9649 | 1.8505 | 2.0171 | 0.8859 |
| | 2.6455 | 3.0082 | 2.6373 | 2.5384 | 2.2367 | 2.2823 | 2.0956 | 4.1888 |
| 11 | 1.4349 | 1.8047 | 1.6694 | 1.8799 | 1.7737 | 2.0353 | 2.0173 | 0.8281 |
| | 2.8127 | 2.3208 | 2.5487 | 2.3388 | 2.4801 | 2.1637 | 2.1812 | 4.6669 |
| 12 | 1.8092 | 1.5357 | 1.9618 | 1.7717 | 1.7402 | 1.9363 | 1.1303 | |
| | 2.2244 | 2.6646 | 2.2401 | 2.4828 | 2.5490 | 2.2790 | 3.5173 | |
| 13 | 1.6630 | 1.8954 | 1.8469 | 2.0322 | 1.9337 | 1.1952 | 0.6058 | |
| | 2.4135 | 2.1456 | 2.2866 | 2.1669 | 2.2820 | 3.6788 | 6.5989 | |
| 14 | 1.9365 | 1.9944 | 2.0137 | 2.0138 | 1.1291 | 0.5870 | | |
| | 2.0764 | 2.0535 | 2.0988 | 2.1849 | 3.5206 | 6.7427 | | |
| 15 | 0.8937 | 0.9343 | 0.8844 | 0.8264 | F-SUB-Q | | | |
| | 4.0162 | 3.8808 | 4.1949 | 4.6757 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2894 | 1.3129 | 1.5320 | 1.4057 | 1.7753 | 1.6333 | 1.9043 | 0.8782 |
| | 3.0959 | 3.0149 | 2.4478 | 2.6056 | 2.0570 | 2.2308 | 1.9172 | 3.7169 |
| 9 | 1.3129 | 1.6707 | 1.3623 | 1.7788 | 1.5081 | 1.8660 | 1.9658 | 0.9203 |
| | 3.0149 | 2.3285 | 2.7648 | 2.1378 | 2.4664 | 1.9781 | 1.8922 | 3.5823 |
| 10 | 1.5320 | 1.3544 | 1.5824 | 1.6473 | 1.9379 | 1.8209 | 1.9887 | 0.8726 |
| | 2.4478 | 2.7832 | 2.4362 | 2.3427 | 2.0648 | 2.1044 | 1.9296 | 3.8647 |
| 11 | 1.4057 | 1.7729 | 1.6405 | 1.8564 | 1.7477 | 2.0100 | 1.9929 | 0.8186 |
| | 2.6056 | 2.1442 | 2.3523 | 2.1909 | 2.3270 | 2.0243 | 2.0366 | 4.2884 |
| 12 | 1.7753 | 1.5061 | 1.9347 | 1.7457 | 1.7187 | 1.9164 | 1.1201 | |
| | 2.0570 | 2.4680 | 2.0684 | 2.3296 | 2.3964 | 2.1378 | 3.2902 | |
| 13 | 1.6333 | 1.8638 | 1.8172 | 2.0068 | 1.9137 | 1.1849 | 0.6008 | |
| | 2.2308 | 1.9803 | 2.1086 | 2.0275 | 2.1407 | 3.4593 | 6.2052 | |
| 14 | 1.9043 | 1.9631 | 1.9852 | 1.9892 | 1.1188 | 0.5819 | | |
| | 1.9172 | 1.8941 | 1.9327 | 2.0403 | 3.2935 | 6.3421 | | |
| 15 | 0.8782 | 0.9198 | 0.8711 | 0.8170 | F-SUB-Q | | | |
| | 3.7169 | 3.5842 | 3.8706 | 4.2968 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2522 | 1.2742 | 1.4817 | 1.3643 | 1.7196 | 1.5877 | 1.8475 | 0.8629 |
| | 3.1454 | 3.0677 | 2.4937 | 2.6479 | 2.0953 | 2.2652 | 1.9515 | 3.7494 |
| 9 | 1.2742 | 1.6174 | 1.3220 | 1.7239 | 1.4639 | 1.8140 | 1.9083 | 0.9047 |
| | 3.0677 | 2.3650 | 2.8059 | 2.1742 | 2.5076 | 2.0071 | 1.9230 | 3.6032 |
| 10 | 1.4817 | 1.3146 | 1.5362 | 1.6004 | 1.8828 | 1.7709 | 1.9321 | 0.8571 |
| | 2.4937 | 2.8248 | 2.4704 | 2.3738 | 2.0983 | 2.1311 | 1.9567 | 3.8750 |
| 11 | 1.3643 | 1.7181 | 1.5937 | 1.8045 | 1.7004 | 1.9544 | 1.9397 | 0.8057 |
| | 2.6479 | 2.1808 | 2.3837 | 2.2331 | 2.3669 | 2.0596 | 2.0598 | 4.2945 |
| 12 | 1.7196 | 1.4619 | 1.8797 | 1.6984 | 1.6744 | 1.8663 | 1.1069 | |
| | 2.0953 | 2.5093 | 2.1020 | 2.3696 | 2.4363 | 2.1746 | 3.2986 | |
| 13 | 1.5877 | 1.8117 | 1.7671 | 1.9512 | 1.8636 | 1.1647 | 0.5935 | |
| | 2.2652 | 2.0095 | 2.1355 | 2.0629 | 2.1776 | 3.4926 | 6.2414 | |
| 14 | 1.8475 | 1.9056 | 1.9286 | 1.9361 | 1.1055 | 0.5751 | | |
| | 1.9515 | 1.9250 | 1.9600 | 2.0637 | 3.3024 | 6.3761 | | |
| 15 | 0.8629 | 0.9042 | 0.8556 | 0.8040 | F-SUB-Q | | | |
| | 3.7494 | 3.6053 | 3.8810 | 4.3032 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2284 | 1.2486 | 1.4603 | 1.3351 | 1.6971 | 1.5605 | 1.8290 | 0.8308 |
| | 2.9217 | 2.8349 | 2.3210 | 2.4875 | 1.9533 | 2.1214 | 1.8144 | 3.5846 |
| 9 | 1.2486 | 1.5974 | 1.2953 | 1.7024 | 1.4343 | 1.7878 | 1.8897 | 0.8708 |
| | 2.8349 | 2.1906 | 2.6257 | 2.0201 | 2.3535 | 1.8731 | 1.7867 | 3.4524 |
| 10 | 1.4603 | 1.2884 | 1.5080 | 1.5738 | 1.8629 | 1.7434 | 1.9148 | 0.8278 |
| | 2.3210 | 2.6439 | 2.3038 | 2.2115 | 1.9486 | 1.9856 | 1.8125 | 3.7072 |
| 11 | 1.3351 | 1.6966 | 1.5671 | 1.7849 | 1.6718 | 1.9358 | 1.9212 | 0.7751 |
| | 2.4875 | 2.0264 | 2.2210 | 2.0533 | 2.1969 | 1.8946 | 1.8958 | 4.0949 |
| 12 | 1.6971 | 1.4323 | 1.8597 | 1.6698 | 1.6479 | 1.8479 | 1.0667 | |
| | 1.9533 | 2.3551 | 1.9522 | 2.1995 | 2.2730 | 2.0208 | 3.1319 | |
| 13 | 1.5605 | 1.7855 | 1.7396 | 1.9326 | 1.8453 | 1.1327 | 0.5711 | |
| | 2.1214 | 1.8754 | 1.9899 | 1.8977 | 2.0238 | 3.3011 | 5.9825 | |
| 14 | 1.8290 | 1.8870 | 1.9112 | 1.9175 | 1.0655 | 0.5523 | | |
| | 1.8144 | 1.7887 | 1.8156 | 1.8994 | 3.1351 | 6.1240 | | |
| 15 | 0.8308 | 0.8703 | 0.8262 | 0.7734 | F-SUB-Q | | | |
| | 3.5846 | 3.4545 | 3.7132 | 4.1035 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1881 | 1.2063 | 1.4099 | 1.2888 | 1.6404 | 1.5092 | 1.7700 | 0.8007 |
| | 2.7507 | 2.7036 | 2.2215 | 2.3893 | 1.8755 | 2.0375 | 1.7420 | 3.4630 |
| 9 | 1.2063 | 1.5452 | 1.2518 | 1.6464 | 1.3855 | 1.7309 | 1.8291 | 0.8395 |
| | 2.7036 | 2.0824 | 2.5097 | 1.9311 | 2.2599 | 1.7948 | 1.7117 | 3.3328 |
| 10 | 1.4099 | 1.2454 | 1.4590 | 1.5225 | 1.8024 | 1.6869 | 1.8533 | 0.7981 |
| | 2.2215 | 2.5273 | 2.1956 | 2.1087 | 1.8618 | 1.8965 | 1.7312 | 3.5693 |
| 11 | 1.2888 | 1.6407 | 1.5159 | 1.7276 | 1.6159 | 1.8726 | 1.8587 | 0.7471 |
| | 2.3893 | 1.9372 | 2.1178 | 1.9571 | 2.0868 | 1.8003 | 1.7985 | 3.9249 |
| 12 | 1.6404 | 1.3835 | 1.7992 | 1.6140 | 1.5942 | 1.7875 | 1.0293 | |
| | 1.8755 | 2.2614 | 1.8653 | 2.0892 | 2.1345 | 1.9028 | 2.9776 | |
| 13 | 1.5092 | 1.7286 | 1.6830 | 1.8695 | 1.7849 | 1.0938 | 0.5507 | |
| | 2.0375 | 1.7971 | 1.9007 | 1.8033 | 1.9056 | 3.1198 | 5.6629 | |
| 14 | 1.7700 | 1.8264 | 1.8498 | 1.8551 | 1.0282 | 0.5323 | | |
| | 1.7420 | 1.7140 | 1.7343 | 1.8021 | 2.9807 | 5.7991 | | |
| 15 | 0.8007 | 0.8390 | 0.7966 | 0.7454 | F-SUB-Q | | | |
| | 3.4630 | 3.3347 | 3.5752 | 3.9333 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1300 | 1.1459 | 1.3274 | 1.2242 | 1.5446 | 1.4307 | 1.6645 | 0.7717 |
| | 2.7037 | 2.6136 | 2.1991 | 2.3550 | 1.8671 | 2.0162 | 1.7392 | 3.3851 |
| 9 | 1.1459 | 1.4568 | 1.1904 | 1.5518 | 1.3158 | 1.6388 | 1.7201 | 0.8096 |
| | 2.6136 | 2.0442 | 2.4597 | 1.9106 | 2.2286 | 1.7761 | 1.7037 | 3.2488 |
| 10 | 1.3274 | 1.1844 | 1.3879 | 1.4441 | 1.6961 | 1.5979 | 1.7411 | 0.7672 |
| | 2.1991 | 2.4769 | 2.1471 | 2.0677 | 1.8228 | 1.8668 | 1.7178 | 3.4659 |
| 11 | 1.2242 | 1.5465 | 1.4378 | 1.6282 | 1.5306 | 1.7587 | 1.7457 | 0.7206 |
| | 2.3550 | 1.9171 | 2.0767 | 1.9119 | 2.0440 | 1.7727 | 1.7664 | 3.7924 |
| 12 | 1.5446 | 1.3140 | 1.6931 | 1.5288 | 1.5115 | 1.6798 | 0.9935 | |
| | 1.8671 | 2.2300 | 1.8261 | 2.0460 | 2.0958 | 1.8873 | 2.8750 | |
| 13 | 1.4307 | 1.6366 | 1.5943 | 1.7557 | 1.6776 | 1.0464 | 0.5320 | |
| | 2.0162 | 1.7783 | 1.8709 | 1.7758 | 1.8900 | 3.0310 | 5.4630 | |
| 14 | 1.6645 | 1.7175 | 1.7378 | 1.7423 | 0.9921 | 0.5151 | | |
| | 1.7392 | 1.7061 | 1.7208 | 1.7698 | 2.8787 | 5.5854 | | |
| 15 | 0.7717 | 0.8091 | 0.7658 | 0.7191 | F-SUB-Q | | | |
| | 3.3851 | 3.2508 | 3.4715 | 3.8004 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0821 | 1.0964 | 1.2679 | 1.1698 | 1.4696 | 1.3634 | 1.5820 | 0.7230 |
| | 2.5955 | 2.5455 | 2.1666 | 2.3296 | 1.8578 | 2.0043 | 1.7335 | 3.4224 |
| 9 | 1.0964 | 1.3927 | 1.1405 | 1.4816 | 1.2573 | 1.5616 | 1.6338 | 0.7582 |
| | 2.5455 | 1.9981 | 2.4165 | 1.8839 | 2.2039 | 1.7633 | 1.6956 | 3.2924 |
| 10 | 1.2679 | 1.1344 | 1.3308 | 1.3817 | 1.6124 | 1.5230 | 1.6528 | 0.7194 |
| | 2.1666 | 2.4333 | 2.1021 | 2.0293 | 1.7917 | 1.8439 | 1.7042 | 3.5044 |
| 11 | 1.1698 | 1.4765 | 1.3757 | 1.5507 | 1.4598 | 1.6675 | 1.6515 | 0.6730 |
| | 2.3296 | 1.8902 | 2.0380 | 1.8724 | 1.9870 | 1.7391 | 1.7477 | 3.8223 |
| 12 | 1.4696 | 1.2556 | 1.6096 | 1.4585 | 1.4416 | 1.5915 | 0.9264 | |
| | 1.8578 | 2.2066 | 1.7948 | 1.9888 | 2.0471 | 1.8531 | 2.8606 | |
| 13 | 1.3634 | 1.5596 | 1.5195 | 1.6647 | 1.5896 | 0.9823 | 0.4976 | |
| | 2.0043 | 1.7655 | 1.8480 | 1.7420 | 1.8554 | 3.0293 | 5.4632 | |
| 14 | 1.5820 | 1.6314 | 1.6497 | 1.6483 | 0.9251 | 0.4812 | | |
| | 1.7335 | 1.6979 | 1.7072 | 1.7510 | 2.8641 | 5.5931 | | |
| 15 | 0.7230 | 0.7578 | 0.7181 | 0.6715 | F-SUB-Q | | | |
| | 3.4224 | 3.2943 | 3.5108 | 3.8303 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9893 | 1.0160 | 1.1723 | 1.0873 | 1.3365 | 1.2455 | 1.4266 | 0.6699 |
| | 2.6863 | 2.5979 | 2.2318 | 2.3964 | 1.9556 | 2.1024 | 1.8417 | 3.5465 |
| 9 | 1.0160 | 1.2704 | 1.0539 | 1.3567 | 1.1583 | 1.4168 | 1.4700 | 0.7008 |
| | 2.5979 | 2.0759 | 2.4926 | 1.9599 | 2.2850 | 1.8602 | 1.8018 | 3.4189 |
| 10 | 1.1723 | 1.0469 | 1.2200 | 1.2767 | 1.4598 | 1.3837 | 1.4851 | 0.6627 |
| | 2.2318 | 2.5091 | 2.1823 | 2.0887 | 1.8748 | 1.9346 | 1.8075 | 3.6400 |
| 11 | 1.0873 | 1.3523 | 1.2715 | 1.4059 | 1.3420 | 1.5020 | 1.4853 | 0.6158 |
| | 2.3964 | 1.9662 | 2.0973 | 1.9423 | 2.0481 | 1.8309 | 1.8408 | 3.9835 |
| 12 | 1.3365 | 1.1568 | 1.4574 | 1.3408 | 1.3107 | 1.4348 | 0.8540 | |
| | 1.9556 | 2.2879 | 1.8780 | 2.0500 | 2.1190 | 1.9370 | 2.9396 | |
| 13 | 1.2455 | 1.4150 | 1.3807 | 1.4996 | 1.4331 | 0.8946 | 0.4581 | |
| | 2.1024 | 1.8624 | 1.9387 | 1.8338 | 1.9392 | 3.1231 | 5.5977 | |
| 14 | 1.4266 | 1.4680 | 1.4824 | 1.4826 | 0.8527 | 0.4426 | | |
| | 1.8417 | 1.8042 | 1.8106 | 1.8442 | 2.9438 | 5.7349 | | |
| 15 | 0.6699 | 0.7004 | 0.6615 | 0.6145 | F-SUB-Q | | | |
| | 3.5465 | 3.4208 | 3.6464 | 3.9916 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.7910 | 0.8446 | 1.1203 | 0.9076 | 1.2144 | 1.0000 | 1.2610 | 0.5665 |
| | 3.2156 | 2.9947 | 2.2509 | 2.7753 | 2.0799 | 2.5345 | 2.0142 | 4.0664 |
| 9 | 0.8446 | 1.1148 | 0.8703 | 1.1808 | 0.9604 | 1.1352 | 1.2884 | 0.5906 |
| | 2.9947 | 2.2773 | 2.9013 | 2.1603 | 2.6582 | 2.2437 | 1.9891 | 3.9325 |
| 10 | 1.1203 | 0.8679 | 0.9844 | 1.0613 | 1.2605 | 1.1052 | 1.2803 | 0.5485 |
| | 2.2509 | 2.9090 | 2.6080 | 2.4207 | 2.0692 | 2.3385 | 2.0176 | 4.2455 |
| 11 | 0.9076 | 1.1768 | 1.0573 | 1.2442 | 1.1054 | 1.3097 | 1.2271 | 0.5067 |
| | 2.7753 | 2.1675 | 2.4299 | 2.1156 | 2.3805 | 2.0094 | 2.1404 | 4.6742 |
| 12 | 1.2144 | 0.9587 | 1.2584 | 1.1045 | 1.0259 | 1.2303 | 0.7204 | |
| | 2.0799 | 2.6625 | 2.0729 | 2.3826 | 2.6005 | 2.1715 | 3.3570 | |
| 13 | 1.0000 | 1.1338 | 1.1030 | 1.3077 | 1.2288 | 0.7309 | 0.3800 | |
| | 2.5345 | 2.2463 | 2.3432 | 2.0124 | 2.1741 | 3.6714 | 6.4933 | |
| 14 | 1.2610 | 1.2867 | 1.2782 | 1.2249 | 0.7186 | 0.3676 | | |
| | 2.0142 | 1.9915 | 2.0207 | 2.1443 | 3.3650 | 6.6452 | | |
| 15 | 0.5665 | 0.5903 | 0.5476 | 0.5057 | F-SUB-Q | | | |
| | 4.0664 | 3.9345 | 4.2516 | 4.6833 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3346 | 0.3634 | 0.4416 | 0.3925 | 0.4723 | 0.4041 | 0.4519 | 0.2356 |
| | 7.3325 | 6.7320 | 5.5243 | 6.2237 | 5.1738 | 6.0793 | 5.4387 | 9.4959 |
| 9 | 0.3634 | 0.4256 | 0.3772 | 0.4682 | 0.4151 | 0.4324 | 0.4587 | 0.2427 |
| | 6.7321 | 5.7530 | 6.4883 | 5.2643 | 5.9589 | 5.7034 | 5.3888 | 9.2926 |
| 10 | 0.4416 | 0.3763 | 0.3900 | 0.4374 | 0.4953 | 0.4337 | 0.4547 | 0.2290 |
| | 5.5243 | 6.5036 | 6.3664 | 5.6820 | 5.0730 | 5.7881 | 5.4882 | 9.8616 |
| 11 | 0.3925 | 0.4668 | 0.4360 | 0.4891 | 0.4386 | 0.4940 | 0.4318 | 0.2065 |
| | 6.2237 | 5.2803 | 5.7004 | 5.1584 | 5.7655 | 5.1340 | 5.8693 | *11.1136 |
| 12 | 0.4723 | 0.4143 | 0.4944 | 0.4382 | 0.3939 | 0.4395 | 0.2970 | |
| | 5.1738 | 5.9694 | 5.0824 | 5.7719 | 6.4995 | 5.8628 | 7.8552 | |
| 13 | 0.4041 | 0.4319 | 0.4329 | 0.4933 | 0.4390 | 0.3083 | 0.1588 | |
| | 6.0793 | 5.7094 | 5.7993 | 5.1418 | 5.8697 | 8.4199 | *15.0712 | |
| 14 | 0.4519 | 0.4581 | 0.4540 | 0.4310 | 0.2963 | 0.1561 | | |
| | 5.4387 | 5.3933 | 5.4967 | 5.8799 | 7.8740 | *15.1746 | | |
| 15 | 0.2356 | 0.2426 | 0.2287 | 0.2061 | F-SUB-Q | | | |
| | 9.4959 | 9.2971 | 9.8751 | *11.1344 | 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 | 0.2953 | 0.3847 | 0.4945 | 0.4551 | 0.5345 | 0.4503 | 0.4478 | 0.2469 |
| | 6.3792 | 6.3322 | 5.1652 | 5.6164 | 4.7786 | 5.6481 | 5.2479 | 8.7267 |
| 9 | 0.3847 | 0.4508 | 0.4243 | 0.5208 | 0.4660 | 0.4616 | 0.4811 | 0.2619 |
| | 6.3322 | 5.4896 | 6.0090 | 4.9046 | 5.4725 | 5.4766 | 5.2343 | 8.5410 |
| 10 | 0.4945 | 0.4236 | 0.4057 | 0.4713 | 0.5193 | 0.4588 | 0.4704 | 0.2483 |
| | 5.1652 | 6.0193 | 5.9478 | 5.3980 | 4.8662 | 5.5368 | 5.3750 | 9.1568 |
| 11 | 0.4551 | 0.5201 | 0.4702 | 0.4836 | 0.4307 | 0.4672 | 0.4249 | 0.2178 |
| | 5.6164 | 4.9111 | 5.4107 | 4.8679 | 5.4014 | 4.9530 | 5.7490 | *10.4588 |
| 12 | 0.5345 | 0.4657 | 0.5186 | 0.4303 | 0.3154 | 0.3552 | 0.2708 | |
| | 4.7786 | 5.4789 | 4.8716 | 5.4049 | 5.8790 | 5.4414 | 7.2548 | |
| 13 | 0.4503 | 0.4614 | 0.4584 | 0.4668 | 0.3548 | 0.2216 | 0.1366 | |
| | 5.6481 | 5.4793 | 5.5421 | 4.9570 | 5.4455 | 7.4887 | *12.9173 | |
| 14 | 0.4478 | 0.4809 | 0.4701 | 0.4245 | 0.2704 | 0.1328 | | |
| | 5.2479 | 5.2362 | 5.3789 | 5.7546 | 7.2648 | *13.1520 | | |
| 15 | 0.2469 | 0.2618 | 0.2482 | 0.2176 | F-SUB-Q | | | |
| | 8.7267 | 8.5428 | 9.1628 | *10.4690 | 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 | 0.6598 | 0.8675 | 1.1775 | 1.0193 | 1.2741 | 1.0579 | 1.2357 | 0.6199 |
| | 3.0167 | 2.8975 | 2.2508 | 2.6011 | 2.0766 | 2.4964 | 2.1076 | 3.7794 |
| 9 | 0.8675 | 1.1146 | 0.9542 | 1.2342 | 1.0447 | 1.1583 | 1.2598 | 0.6438 |
| | 2.8975 | 2.3148 | 2.7756 | 2.1491 | 2.5345 | 2.2726 | 2.0819 | 3.6907 |
| 10 | 1.1775 | 0.9524 | 1.0211 | 1.0927 | 1.2252 | 1.1174 | 1.2271 | 0.5942 |
| | 2.2508 | 2.7809 | 2.5476 | 2.4184 | 2.1185 | 2.3536 | 2.1373 | 3.9725 |
| 11 | 1.0193 | 1.2317 | 1.0900 | 1.1529 | 1.0239 | 1.1469 | 1.0990 | 0.5294 |
| | 2.6011 | 2.1535 | 2.4245 | 2.1118 | 2.3165 | 2.0798 | 2.2547 | 4.4586 |
| 12 | 1.2741 | 1.0441 | 1.2236 | 1.0229 | 0.7487 | 0.9161 | 0.6438 | |
| | 2.0766 | 2.5359 | 2.1205 | 2.3180 | 2.4438 | 2.1636 | 3.1490 | |
| 13 | 1.0579 | 1.1577 | 1.1165 | 1.1459 | 0.9151 | 0.5055 | 0.3241 | |
| | 2.4964 | 2.2737 | 2.3557 | 2.0813 | 2.1651 | 3.3688 | 5.6103 | |
| 14 | 1.2357 | 1.2594 | 1.2263 | 1.0979 | 0.6428 | 0.3148 | | |
| | 2.1076 | 2.0827 | 2.1387 | 2.2568 | 3.1536 | 5.7180 | | |
| 15 | 0.6199 | 0.6437 | 0.5939 | 0.5289 | F-SUB-Q | | | |
| | 3.7794 | 3.6919 | 3.9751 | 4.4627 | 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 | 0.8169 | 1.0446 | 1.2970 | 1.2325 | 1.4415 | 1.3105 | 1.4484 | 0.7711 |
| | 2.5356 | 2.4651 | 2.1038 | 2.2136 | 1.8879 | 2.0696 | 1.8679 | 3.1602 |
| 9 | 1.0446 | 1.2929 | 1.1549 | 1.4052 | 1.2683 | 1.4460 | 1.4635 | 0.7961 |
| | 2.4651 | 2.0789 | 2.3610 | 1.9435 | 2.1455 | 1.8751 | 1.8483 | 3.0812 |
| 10 | 1.2970 | 1.1508 | 1.2829 | 1.3179 | 1.4084 | 1.3837 | 1.4264 | 0.7345 |
| | 2.1038 | 2.3705 | 2.1229 | 2.0637 | 1.8940 | 1.9535 | 1.8905 | 3.3067 |
| 11 | 1.2325 | 1.4042 | 1.3143 | 1.3269 | 1.2380 | 1.3294 | 1.3356 | 0.6569 |
| | 2.2136 | 1.9452 | 2.0692 | 1.9243 | 1.9610 | 1.8403 | 1.9170 | 3.6914 |
| 12 | 1.4415 | 1.2678 | 1.4071 | 1.2367 | 0.9275 | 1.0917 | 0.7817 | |
| | 1.8879 | 2.1463 | 1.8956 | 1.9625 | 1.9924 | 1.9059 | 2.6639 | |
| 13 | 1.3105 | 1.4453 | 1.3828 | 1.3282 | 1.0905 | 0.6250 | 0.3968 | |
| | 2.0696 | 1.8759 | 1.9548 | 1.8418 | 1.9073 | 2.7938 | 4.7099 | |
| 14 | 1.4484 | 1.4629 | 1.4254 | 1.3344 | 0.7804 | 0.3881 | | |
| | 1.8679 | 1.8490 | 1.8918 | 1.9187 | 2.6680 | 4.7670 | | |
| 15 | 0.7711 | 0.7960 | 0.7340 | 0.6562 | F-SUB-Q | | | |
| | 3.1602 | 3.0817 | 3.3089 | 3.6947 | 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 | 0.9021 | 1.1499 | 1.4587 | 1.3572 | 1.6422 | 1.4667 | 1.6675 | 0.8428 |
| | 2.3757 | 2.3186 | 1.9356 | 2.0785 | 1.7117 | 1.9094 | 1.6763 | 2.9922 |
| 9 | 1.1499 | 1.4610 | 1.2761 | 1.5820 | 1.4028 | 1.6350 | 1.6845 | 0.8711 |
| | 2.3186 | 1.9096 | 2.2111 | 1.7841 | 2.0036 | 1.7121 | 1.6583 | 2.9134 |
| 10 | 1.4587 | 1.2699 | 1.4282 | 1.4615 | 1.5954 | 1.5566 | 1.6418 | 0.7997 |
| | 1.9356 | 2.2218 | 1.9724 | 1.9236 | 1.7243 | 1.7920 | 1.6945 | 3.1380 |
| 11 | 1.3572 | 1.5809 | 1.4573 | 1.4977 | 1.3755 | 1.5262 | 1.5288 | 0.7178 |
| | 2.0785 | 1.7860 | 1.9292 | 1.7567 | 1.8228 | 1.6599 | 1.7310 | 3.4906 |
| 12 | 1.6422 | 1.4023 | 1.5939 | 1.3740 | 1.0262 | 1.2484 | 0.8510 | |
| | 1.7117 | 2.0044 | 1.7258 | 1.8237 | 1.8408 | 1.7271 | 2.5348 | |
| 13 | 1.4667 | 1.6343 | 1.5556 | 1.5247 | 1.2470 | 0.6939 | 0.4291 | |
| | 1.9094 | 1.7129 | 1.7932 | 1.6613 | 1.7284 | 2.6085 | 4.5172 | |
| 14 | 1.6675 | 1.6839 | 1.6407 | 1.5274 | 0.8502 | 0.4198 | | |
| | 1.6763 | 1.6589 | 1.6957 | 1.7327 | 2.5369 | 4.5706 | | |
| 15 | 0.8428 | 0.8710 | 0.7991 | 0.7171 | F-SUB-Q | | | |
| | 2.9922 | 2.9139 | 3.1403 | 3.4938 | 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 | 0.9467 | 1.2035 | 1.5459 | 1.4187 | 1.7438 | 1.5424 | 1.7832 | 0.8869 |
| | 2.3900 | 2.3249 | 1.9059 | 2.0742 | 1.6793 | 1.8902 | 1.6314 | 2.9630 |
| 9 | 1.2035 | 1.5423 | 1.3305 | 1.6724 | 1.4644 | 1.7256 | 1.8018 | 0.9201 |
| | 2.3249 | 1.8911 | 2.2133 | 1.7576 | 2.0002 | 1.6884 | 1.6132 | 2.8744 |
| 10 | 1.5459 | 1.3237 | 1.4889 | 1.5339 | 1.6882 | 1.6391 | 1.7573 | 0.8426 |
| | 1.9059 | 2.2247 | 1.9735 | 1.9108 | 1.6927 | 1.7713 | 1.6471 | 3.1032 |
| 11 | 1.4187 | 1.6712 | 1.5293 | 1.5805 | 1.4478 | 1.6325 | 1.6359 | 0.7579 |
| | 2.0742 | 1.7615 | 1.9166 | 1.7304 | 1.8116 | 1.6216 | 1.6885 | 3.4446 |
| 12 | 1.7438 | 1.4638 | 1.6865 | 1.4461 | 1.0824 | 1.3408 | 0.9017 | |
| | 1.6793 | 2.0010 | 1.6943 | 1.8131 | 1.8322 | 1.6873 | 2.5049 | |
| 13 | 1.5424 | 1.7248 | 1.6379 | 1.6308 | 1.3392 | 0.7381 | 0.4518 | |
| | 1.8902 | 1.6892 | 1.7726 | 1.6230 | 1.6888 | 2.5782 | 4.5047 | |
| 14 | 1.7832 | 1.8011 | 1.7560 | 1.6343 | 0.9009 | 0.4419 | | |
| | 1.6314 | 1.6138 | 1.6484 | 1.6902 | 2.5067 | 4.5593 | | |
| 15 | 0.8869 | 0.9199 | 0.8419 | 0.7571 | F-SUB-Q | | | |
| | 2.9630 | 2.8750 | 3.1055 | 3.4479 | 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 | 0.9794 | 1.2337 | 1.5927 | 1.4517 | 1.7952 | 1.5830 | 1.8455 | 0.9147 |
| | 2.4686 | 2.3917 | 1.9516 | 2.1370 | 1.7176 | 1.9378 | 1.6576 | 3.0234 |
| 9 | 1.2337 | 1.5836 | 1.3577 | 1.7204 | 1.4948 | 1.7732 | 1.8651 | 0.9504 |
| | 2.3917 | 1.9289 | 2.2884 | 1.8002 | 2.0642 | 1.7281 | 1.6386 | 2.9285 |
| 10 | 1.5927 | 1.3531 | 1.5183 | 1.5733 | 1.7361 | 1.6833 | 1.8212 | 0.8712 |
| | 1.9516 | 2.2978 | 2.0333 | 1.9570 | 1.7223 | 1.8139 | 1.6713 | 3.1593 |
| 11 | 1.4517 | 1.7175 | 1.5684 | 1.6299 | 1.4902 | 1.6953 | 1.6979 | 0.7844 |
| | 2.1370 | 1.8043 | 1.9632 | 1.7707 | 1.8576 | 1.6463 | 1.7100 | 3.4859 |
| 12 | 1.7952 | 1.4942 | 1.7343 | 1.4885 | 1.1256 | 1.3995 | 0.9397 | |
| | 1.7176 | 2.0651 | 1.7240 | 1.8592 | 1.8869 | 1.7189 | 2.5465 | |
| 13 | 1.5830 | 1.7723 | 1.6819 | 1.6935 | 1.3977 | 0.7743 | 0.4703 | |
| | 1.9378 | 1.7291 | 1.8153 | 1.6479 | 1.7204 | 2.6381 | 4.6156 | |
| 14 | 1.8455 | 1.8644 | 1.8197 | 1.6962 | 0.9388 | 0.4597 | | |
| | 1.6576 | 1.6393 | 1.6727 | 1.7117 | 2.5484 | 4.6744 | | |
| 15 | 0.9147 | 0.9503 | 0.8705 | 0.7835 | F-SUB-Q | | | |
| | 3.0234 | 2.9291 | 3.1618 | 3.4894 | 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 | 1.0101 | 1.2596 | 1.6368 | 1.4783 | 1.8438 | 1.6180 | 1.9044 | 0.9282 |
| | 2.5649 | 2.4701 | 2.0142 | 2.2339 | 1.7781 | 2.0141 | 1.7063 | 3.1637 |
| 9 | 1.2596 | 1.6243 | 1.3817 | 1.7664 | 1.5203 | 1.8160 | 1.9252 | 0.9654 |
| | 2.4701 | 1.9829 | 2.3841 | 1.8547 | 2.1582 | 1.7927 | 1.6863 | 3.0613 |
| 10 | 1.6368 | 1.3782 | 1.5453 | 1.6089 | 1.7820 | 1.7235 | 1.8826 | 0.8842 |
| | 2.0142 | 2.3929 | 2.1077 | 2.0191 | 1.7591 | 1.8710 | 1.7075 | 3.3057 |
| 11 | 1.4783 | 1.7622 | 1.6037 | 1.6796 | 1.5295 | 1.7578 | 1.7561 | 0.7976 |
| | 2.2339 | 1.8591 | 2.0255 | 1.8170 | 1.9157 | 1.6800 | 1.7400 | 3.6097 |
| 12 | 1.8438 | 1.5197 | 1.7801 | 1.5277 | 1.1662 | 1.4589 | 0.9610 | |
| | 1.7781 | 2.1591 | 1.7609 | 1.9173 | 1.9594 | 1.7676 | 2.6523 | |
| 13 | 1.6180 | 1.8150 | 1.7219 | 1.7559 | 1.4570 | 0.8051 | 0.4813 | |
| | 2.0141 | 1.7937 | 1.8727 | 1.6817 | 1.7692 | 2.7506 | 4.8436 | |
| 14 | 1.9044 | 1.9243 | 1.8810 | 1.7543 | 0.9602 | 0.4698 | | |
| | 1.7063 | 1.6871 | 1.7091 | 1.7419 | 2.6542 | 4.9123 | | |
| 15 | 0.9282 | 0.9652 | 0.8834 | 0.7967 | F-SUB-Q | | | |
| | 3.1637 | 3.0620 | 3.3085 | 3.6135 | 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 | 1.0280 | 1.2729 | 1.6584 | 1.4903 | 1.8674 | 1.6354 | 1.9362 | 0.9362 |
| | 2.7271 | 2.6268 | 2.1237 | 2.3794 | 1.8828 | 2.1337 | 1.7957 | 3.3545 |
| 9 | 1.2729 | 1.6445 | 1.3933 | 1.7897 | 1.5308 | 1.8379 | 1.9576 | 0.9747 |
| | 2.6268 | 2.0961 | 2.5297 | 1.9548 | 2.2994 | 1.8970 | 1.7751 | 3.2434 |
| 10 | 1.6584 | 1.3897 | 1.5573 | 1.6274 | 1.8054 | 1.7447 | 1.9169 | 0.8931 |
| | 2.1237 | 2.5371 | 2.2270 | 2.1250 | 1.8484 | 1.9720 | 1.7906 | 3.5046 |
| 11 | 1.4903 | 1.7854 | 1.6220 | 1.7077 | 1.5522 | 1.7953 | 1.7930 | 0.8070 |
| | 2.3794 | 1.9599 | 2.1319 | 1.9132 | 2.0200 | 1.7610 | 1.8229 | 3.7921 |
| 12 | 1.8674 | 1.5302 | 1.8033 | 1.5504 | 1.1923 | 1.4971 | 0.9783 | |
| | 1.8828 | 2.3009 | 1.8504 | 2.0217 | 2.0643 | 1.8483 | 2.7890 | |
| 13 | 1.6354 | 1.8367 | 1.7430 | 1.7932 | 1.4952 | 0.8283 | 0.4908 | |
| | 2.1337 | 1.8982 | 1.9740 | 1.7628 | 1.8501 | 2.9048 | 5.1178 | |
| 14 | 1.9362 | 1.9566 | 1.9151 | 1.7908 | 0.9775 | 0.4786 | | |
| | 1.7957 | 1.7760 | 1.7923 | 1.8250 | 2.7908 | 5.1959 | | |
| 15 | 0.9361 | 0.9744 | 0.8923 | 0.8061 | F-SUB-Q | | | |
| | 3.3545 | 3.2442 | 3.5077 | 3.7963 | 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 | 1.0375 | 1.2836 | 1.6792 | 1.4996 | 1.8902 | 1.6495 | 1.9651 | 0.9392 |
| | 2.9705 | 2.8211 | 2.2729 | 2.5306 | 1.9882 | 2.2575 | 1.8884 | 3.5586 |
| 9 | 1.2836 | 1.6644 | 1.4032 | 1.8121 | 1.5393 | 1.8569 | 1.9868 | 0.9763 |
| | 2.8211 | 2.2373 | 2.7236 | 2.0901 | 2.4443 | 2.0053 | 1.8680 | 3.4466 |
| 10 | 1.6792 | 1.3994 | 1.5692 | 1.6442 | 1.8281 | 1.7635 | 1.9487 | 0.8969 |
| | 2.2729 | 2.7308 | 2.3912 | 2.2751 | 1.9726 | 2.1104 | 1.9055 | 3.7200 |
| 11 | 1.4996 | 1.8076 | 1.6386 | 1.7344 | 1.5723 | 1.8306 | 1.8272 | 0.8108 |
| | 2.5306 | 2.0956 | 2.2827 | 2.0449 | 2.1754 | 1.8828 | 1.9353 | 4.0748 |
| 12 | 1.8902 | 1.5387 | 1.8259 | 1.5706 | 1.2085 | 1.5314 | 0.9893 | |
| | 1.9882 | 2.4453 | 1.9748 | 2.1773 | 2.2299 | 1.9786 | 3.0125 | |
| 13 | 1.6495 | 1.8557 | 1.7615 | 1.8283 | 1.5293 | 0.8442 | 0.4978 | |
| | 2.2575 | 2.0066 | 2.1127 | 1.8849 | 1.9805 | 3.1336 | 5.5244 | |
| 14 | 1.9651 | 1.9858 | 1.9468 | 1.8250 | 0.9885 | 0.4848 | | |
| | 1.8884 | 1.8690 | 1.9074 | 1.9376 | 3.0145 | 5.6151 | | |
| 15 | 0.9392 | 0.9760 | 0.8960 | 0.8098 | F-SUB-Q | | | |
| | 3.5586 | 3.4475 | 3.7234 | 4.0795 | 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 | 1.0421 | 1.2766 | 1.6607 | 1.4873 | 1.8672 | 1.6363 | 1.9459 | 0.9436 |
| | 3.2775 | 3.1223 | 2.4966 | 2.7470 | 2.1657 | 2.4532 | 2.0588 | 3.8188 |
| 9 | 1.2766 | 1.6479 | 1.3920 | 1.7946 | 1.5242 | 1.8418 | 1.9683 | 0.9843 |
| | 3.1223 | 2.4862 | 2.9784 | 2.2851 | 2.6554 | 2.1790 | 2.0337 | 3.6827 |
| 10 | 1.6607 | 1.3882 | 1.5561 | 1.6334 | 1.8113 | 1.7520 | 1.9343 | 0.9061 |
| | 2.4966 | 2.9862 | 2.6526 | 2.5166 | 2.1753 | 2.2919 | 2.0664 | 3.9523 |
| 11 | 1.4873 | 1.7901 | 1.6278 | 1.7247 | 1.5681 | 1.8238 | 1.8202 | 0.8212 |
| | 2.7470 | 2.2920 | 2.5249 | 2.2567 | 2.3942 | 2.0744 | 2.1332 | 4.3706 |
| 12 | 1.8672 | 1.5235 | 1.8090 | 1.5663 | 1.2202 | 1.5336 | 1.0093 | |
| | 2.1657 | 2.6564 | 2.1777 | 2.3962 | 2.4759 | 2.1923 | 3.2587 | |
| 13 | 1.6363 | 1.8405 | 1.7499 | 1.8215 | 1.5315 | 0.8599 | 0.5098 | |
| | 2.4532 | 2.1805 | 2.2945 | 2.0767 | 2.1945 | 3.4503 | 6.0198 | |
| 14 | 1.9459 | 1.9672 | 1.9323 | 1.8179 | 1.0082 | 0.4966 | | |
| | 2.0588 | 2.0348 | 2.0685 | 2.1357 | 3.2616 | 6.1173 | | |
| 15 | 0.9436 | 0.9840 | 0.9052 | 0.8201 | F-SUB-Q | | | |
| | 3.8188 | 3.6837 | 3.9559 | 4.3757 | 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 | 1.0538 | 1.2919 | 1.6901 | 1.4973 | 1.8970 | 1.6518 | 1.9824 | 0.9378 |
| | 3.6294 | 3.4627 | 2.6366 | 2.9312 | 2.2873 | 2.5970 | 2.1549 | 4.0818 |
| 9 | 1.2919 | 1.6790 | 1.4049 | 1.8261 | 1.5377 | 1.8648 | 2.0061 | 0.9775 |
| | 3.4627 | 2.6909 | 3.1710 | 2.4182 | 2.8338 | 2.3039 | 2.1334 | 3.9453 |
| 10 | 1.6901 | 1.4010 | 1.5739 | 1.6561 | 1.8433 | 1.7766 | 1.9771 | 0.9005 |
| | 2.6366 | 3.1795 | 2.8335 | 2.6776 | 2.3734 | 2.4372 | 2.1788 | 4.2624 |
| 11 | 1.4973 | 1.8214 | 1.6502 | 1.7647 | 1.5983 | 1.8757 | 1.8686 | 0.8196 |
| | 2.9312 | 2.4253 | 2.6868 | 2.4736 | 2.6359 | 2.2663 | 2.3279 | 4.7226 |
| 12 | 1.8970 | 1.5353 | 1.8408 | 1.5966 | 1.2409 | 1.5854 | 1.0155 | |
| | 2.2873 | 2.8348 | 2.3762 | 2.6380 | 2.7195 | 2.3895 | 3.6404 | |
| 13 | 1.6518 | 1.8633 | 1.7742 | 1.8732 | 1.5832 | 0.8801 | 0.5157 | |
| | 2.5970 | 2.3056 | 2.4402 | 2.2688 | 2.3920 | 3.8151 | 6.7008 | |
| 14 | 1.9824 | 2.0044 | 1.9749 | 1.8661 | 1.0146 | 0.5015 | | |
| | 2.1549 | 2.1345 | 2.1811 | 2.3309 | 3.6429 | 6.8211 | | |
| 15 | 0.9378 | 0.9771 | 0.8995 | 0.8184 | F-SUB-Q | | | |
| | 4.0818 | 3.9464 | 4.2665 | 4.7284 | 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 | 1.0767 | 1.3036 | 1.6965 | 1.4951 | 1.8978 | 1.6506 | 1.9873 | 0.9355 |
| | 3.7082 | 3.5276 | 2.8054 | 3.1344 | 2.4635 | 2.8008 | 2.3158 | 4.3959 |
| 9 | 1.3036 | 1.6917 | 1.4069 | 1.8336 | 1.5386 | 1.8665 | 2.0153 | 0.9766 |
| | 3.5276 | 2.7916 | 3.3777 | 2.5964 | 3.0571 | 2.4835 | 2.2923 | 4.2442 |
| 10 | 1.6965 | 1.4030 | 1.5787 | 1.6641 | 1.8519 | 1.7840 | 1.9914 | 0.9016 |
| | 2.8054 | 3.3869 | 3.0344 | 2.8818 | 2.4986 | 2.6302 | 2.3421 | 4.5865 |
| 11 | 1.4951 | 1.8288 | 1.6581 | 1.7889 | 1.6235 | 1.9075 | 1.8958 | 0.8251 |
| | 3.1344 | 2.5979 | 2.8921 | 2.5794 | 2.7663 | 2.3887 | 2.4736 | 5.0909 |
| 12 | 1.8978 | 1.5362 | 1.8493 | 1.6218 | 1.2775 | 1.6350 | 1.0376 | |
| | 2.4635 | 3.0584 | 2.5017 | 2.7687 | 2.8867 | 2.5403 | 3.8808 | |
| 13 | 1.6506 | 1.8649 | 1.7815 | 1.9048 | 1.6329 | 0.9197 | 0.5326 | |
| | 2.8008 | 2.4854 | 2.6336 | 2.3917 | 2.5431 | 4.0862 | 7.2258 | |
| 14 | 1.9873 | 2.0134 | 1.9890 | 1.8932 | 1.0366 | 0.5174 | | |
| | 2.3158 | 2.2936 | 2.3446 | 2.4770 | 3.8838 | 7.3619 | | |
| 15 | 0.9355 | 0.9762 | 0.9006 | 0.8239 | F-SUB-Q | | | |
| | 4.3959 | 4.2455 | 4.5909 | 5.0971 | 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 | 1.1443 | 1.3130 | 1.6799 | 1.4795 | 1.8706 | 1.6326 | 1.9625 | 0.9352 |
| | 3.7481 | 3.5677 | 2.7367 | 3.0495 | 2.4028 | 2.7437 | 2.2901 | 4.3218 |
| 9 | 1.3130 | 1.6869 | 1.3969 | 1.8177 | 1.5258 | 1.8475 | 1.9958 | 0.9774 |
| | 3.5677 | 2.7842 | 3.2853 | 2.5332 | 2.9777 | 2.4445 | 2.2718 | 4.1663 |
| 10 | 1.6799 | 1.3930 | 1.5699 | 1.6570 | 1.8613 | 1.7743 | 1.9785 | 0.9063 |
| | 2.7367 | 3.2944 | 2.9686 | 2.8108 | 2.5149 | 2.6059 | 2.3375 | 4.5284 |
| 11 | 1.4795 | 1.8126 | 1.6509 | 1.7991 | 1.6465 | 1.9254 | 1.9024 | 0.8333 |
| | 3.0495 | 2.5347 | 2.8210 | 2.6098 | 2.7962 | 2.4154 | 2.4975 | 5.0842 |
| 12 | 1.8706 | 1.5234 | 1.8587 | 1.6448 | 1.3672 | 1.6985 | 1.0738 | |
| | 2.4028 | 2.9788 | 2.5185 | 2.7986 | 2.9178 | 2.5664 | 3.8586 | |
| 13 | 1.6326 | 1.8458 | 1.7716 | 1.9229 | 1.6963 | 1.0002 | 0.5595 | |
| | 2.7437 | 2.4466 | 2.6098 | 2.4185 | 2.5692 | 4.0932 | 7.1959 | |
| 14 | 1.9625 | 1.9938 | 1.9760 | 1.8997 | 1.0727 | 0.5438 | | |
| | 2.2901 | 2.2733 | 2.3405 | 2.5010 | 3.8622 | 7.3297 | | |
| 15 | 0.9352 | 0.9770 | 0.9052 | 0.8321 | F-SUB-Q | | | |
| | 4.3218 | 4.1679 | 4.5336 | 5.0917 | 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 | 1.2276 | 1.3406 | 1.7022 | 1.4804 | 1.8861 | 1.6374 | 1.9848 | 0.9221 |
| | 3.5604 | 3.3803 | 2.6244 | 2.9511 | 2.3067 | 2.6454 | 2.1890 | 4.2239 |
| 9 | 1.3406 | 1.7210 | 1.4049 | 1.8416 | 1.5325 | 1.8590 | 2.0241 | 0.9638 |
| | 3.3803 | 2.6663 | 3.1729 | 2.4328 | 2.8833 | 2.3516 | 2.1716 | 4.0798 |
| 10 | 1.7022 | 1.4009 | 1.5839 | 1.6758 | 1.9151 | 1.7927 | 2.0136 | 0.8962 |
| | 2.6244 | 3.1818 | 2.8671 | 2.7099 | 2.4117 | 2.5096 | 2.2339 | 4.4388 |
| 11 | 1.4804 | 1.8362 | 1.6696 | 1.8511 | 1.7015 | 1.9962 | 1.9557 | 0.8295 |
| | 2.9511 | 2.4342 | 2.7200 | 2.4876 | 2.6860 | 2.3088 | 2.3803 | 4.9823 |
| 12 | 1.8861 | 1.5300 | 1.9124 | 1.7000 | 1.5546 | 1.8247 | 1.0941 | |
| | 2.3067 | 2.8846 | 2.4148 | 2.6882 | 2.8203 | 2.4583 | 3.7548 | |
| 13 | 1.6374 | 1.8573 | 1.7898 | 1.9935 | 1.8225 | 1.0938 | 0.5784 | |
| | 2.6454 | 2.3538 | 2.5136 | 2.3118 | 2.4610 | 3.9622 | 6.9680 | |
| 14 | 1.9848 | 2.0220 | 2.0109 | 1.9529 | 1.0931 | 0.5612 | | |
| | 2.1890 | 2.1732 | 2.2368 | 2.3836 | 3.7576 | 7.1097 | | |
| 15 | 0.9221 | 0.9634 | 0.8951 | 0.8281 | F-SUB-Q | | | |
| | 4.2239 | 4.0814 | 4.4440 | 4.9900 | 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 | 1.2763 | 1.3504 | 1.6987 | 1.4679 | 1.8749 | 1.6260 | 1.9784 | 0.9105 |
| | 3.3263 | 3.1620 | 2.4239 | 2.7459 | 2.1486 | 2.4714 | 2.0394 | 3.9488 |
| 9 | 1.3504 | 1.7277 | 1.3982 | 1.8398 | 1.5235 | 1.8497 | 2.0232 | 0.9517 |
| | 3.1620 | 2.4531 | 2.9370 | 2.2575 | 2.6928 | 2.1968 | 2.0230 | 3.8148 |
| 10 | 1.6987 | 1.3942 | 1.5805 | 1.6748 | 1.9390 | 1.7906 | 2.0184 | 0.8882 |
| | 2.4239 | 2.9453 | 2.6590 | 2.5143 | 2.2398 | 2.3420 | 2.0774 | 4.1415 |
| 11 | 1.4679 | 1.8343 | 1.6684 | 1.8716 | 1.7281 | 2.0294 | 1.9779 | 0.8253 |
| | 2.7459 | 2.2585 | 2.5237 | 2.3147 | 2.5023 | 2.1400 | 2.2055 | 4.6374 |
| 12 | 1.8749 | 1.5210 | 1.9363 | 1.7266 | 1.6405 | 1.8922 | 1.1107 | |
| | 2.1486 | 2.6939 | 2.2428 | 2.5044 | 2.6216 | 2.2736 | 3.5029 | |
| 13 | 1.6260 | 1.8479 | 1.7876 | 2.0266 | 1.8900 | 1.1498 | 0.5932 | |
| | 2.4714 | 2.1989 | 2.3458 | 2.1428 | 2.2762 | 3.6898 | 6.5154 | |
| 14 | 1.9784 | 2.0210 | 2.0157 | 1.9749 | 1.1098 | 0.5751 | | |
| | 2.0394 | 2.0244 | 2.0801 | 2.2087 | 3.5054 | 6.6545 | | |
| 15 | 0.9105 | 0.9513 | 0.8869 | 0.8240 | F-SUB-Q | | | |
| | 3.9488 | 3.8163 | 4.1465 | 4.6447 | 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 | 1.2783 | 1.3401 | 1.6763 | 1.4446 | 1.8464 | 1.6019 | 1.9517 | 0.8977 |
| | 3.1233 | 2.9632 | 2.2500 | 2.5524 | 1.9942 | 2.2928 | 1.8892 | 3.6662 |
| 9 | 1.3401 | 1.7121 | 1.3793 | 1.8184 | 1.5028 | 1.8252 | 2.0002 | 0.9403 |
| | 2.9632 | 2.2718 | 2.7277 | 2.0956 | 2.5037 | 2.0356 | 1.8729 | 3.5335 |
| 10 | 1.6763 | 1.3753 | 1.5631 | 1.6571 | 1.9328 | 1.7717 | 1.9999 | 0.8792 |
| | 2.2500 | 2.7354 | 2.4660 | 2.3295 | 2.0799 | 2.1680 | 1.9194 | 3.8336 |
| 11 | 1.4446 | 1.8129 | 1.6507 | 1.8635 | 1.7245 | 2.0273 | 1.9714 | 0.8217 |
| | 2.5524 | 2.0978 | 2.3383 | 2.1735 | 2.3536 | 2.0071 | 2.0552 | 4.2757 |
| 12 | 1.8464 | 1.5002 | 1.9300 | 1.7230 | 1.6550 | 1.9073 | 1.1166 | |
| | 1.9942 | 2.5047 | 2.0830 | 2.3556 | 2.4710 | 2.1377 | 3.2844 | |
| 13 | 1.6019 | 1.8233 | 1.7685 | 2.0244 | 1.9050 | 1.1677 | 0.6001 | |
| | 2.2928 | 2.0376 | 2.1717 | 2.0099 | 2.1402 | 3.4779 | 6.1405 | |
| 14 | 1.9517 | 1.9979 | 1.9971 | 1.9684 | 1.1156 | 0.5816 | | |
| | 1.8892 | 1.8743 | 1.9221 | 2.0584 | 3.2871 | 6.2733 | | |
| 15 | 0.8977 | 0.9399 | 0.8779 | 0.8203 | F-SUB-Q | | | |
| | 3.6662 | 3.5350 | 3.8384 | 4.2827 | 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 | 1.2540 | 1.3104 | 1.6288 | 1.4079 | 1.7929 | 1.5620 | 1.8980 | 0.8851 |
| | 3.1839 | 3.0222 | 2.3020 | 2.6039 | 2.0407 | 2.3376 | 1.9304 | 3.7106 |
| 9 | 1.3104 | 1.6690 | 1.3452 | 1.7714 | 1.4667 | 1.7802 | 1.9481 | 0.9273 |
| | 3.0222 | 2.3167 | 2.7806 | 2.1399 | 2.5554 | 2.0739 | 1.9123 | 3.5667 |
| 10 | 1.6288 | 1.3413 | 1.5269 | 1.6186 | 1.8918 | 1.7313 | 1.9510 | 0.8685 |
| | 2.3020 | 2.7887 | 2.5116 | 2.3709 | 2.1217 | 2.2049 | 1.9547 | 3.8608 |
| 11 | 1.4079 | 1.7659 | 1.6124 | 1.8228 | 1.6916 | 1.9860 | 1.9311 | 0.8135 |
| | 2.6039 | 2.1462 | 2.3801 | 2.2232 | 2.4038 | 2.0506 | 2.0840 | 4.2981 |
| 12 | 1.7929 | 1.4641 | 1.8890 | 1.6902 | 1.6313 | 1.8785 | 1.1143 | |
| | 2.0407 | 2.5563 | 2.1250 | 2.4058 | 2.5213 | 2.1817 | 3.3043 | |
| 13 | 1.5620 | 1.7783 | 1.7281 | 1.9832 | 1.8763 | 1.1636 | 0.6004 | |
| | 2.3376 | 2.0760 | 2.2088 | 2.0535 | 2.1843 | 3.5225 | 6.1973 | |
| 14 | 1.8980 | 1.9458 | 1.9481 | 1.9280 | 1.1132 | 0.5821 | | |
| | 1.9304 | 1.9137 | 1.9575 | 2.0873 | 3.3075 | 6.3290 | | |
| 15 | 0.8851 | 0.9269 | 0.8674 | 0.8121 | F-SUB-Q | | | |
| | 3.7106 | 3.5684 | 3.8658 | 4.3053 | 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 | 1.2352 | 1.2883 | 1.6102 | 1.3801 | 1.7735 | 1.5372 | 1.8824 | 0.8531 |
| | 2.9696 | 2.8090 | 2.1535 | 2.4603 | 1.9111 | 2.2013 | 1.8040 | 3.5652 |
| 9 | 1.2883 | 1.6532 | 1.3209 | 1.7533 | 1.4393 | 1.7571 | 1.9344 | 0.8938 |
| | 2.8090 | 2.1588 | 2.6193 | 2.0001 | 2.4132 | 1.9463 | 1.7855 | 3.4348 |
| 10 | 1.6102 | 1.3169 | 1.5029 | 1.5960 | 1.8797 | 1.7086 | 1.9386 | 0.8400 |
| | 2.1535 | 2.6271 | 2.3577 | 2.2225 | 1.9812 | 2.0660 | 1.8192 | 3.7095 |
| 11 | 1.3801 | 1.7478 | 1.5896 | 1.8086 | 1.6710 | 1.9768 | 1.9224 | 0.7853 |
| | 2.4603 | 2.0058 | 2.2313 | 2.0531 | 2.2387 | 1.8918 | 1.9298 | 4.1194 |
| 12 | 1.7735 | 1.4368 | 1.8769 | 1.6696 | 1.6142 | 1.8714 | 1.0804 | |
| | 1.9111 | 2.4143 | 1.9841 | 2.2406 | 2.3653 | 2.0348 | 3.1479 | |
| 13 | 1.5372 | 1.7551 | 1.7053 | 1.9739 | 1.8691 | 1.1399 | 0.5819 | |
| | 2.2013 | 1.9484 | 2.0699 | 1.8945 | 2.0373 | 3.3445 | 5.9673 | |
| 14 | 1.8824 | 1.9320 | 1.9356 | 1.9193 | 1.0794 | 0.5631 | | |
| | 1.8040 | 1.7869 | 1.8219 | 1.9330 | 3.1504 | 6.1057 | | |
| 15 | 0.8531 | 0.8934 | 0.8387 | 0.7839 | F-SUB-Q | | | |
| | 3.5652 | 3.4364 | 3.7145 | 4.1266 | 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 | 1.1958 | 1.2450 | 1.5531 | 1.3318 | 1.7129 | 1.4866 | 1.8202 | 0.8221 |
| | 2.8174 | 2.6970 | 2.0774 | 2.3803 | 1.8481 | 2.1280 | 1.7438 | 3.4655 |
| 9 | 1.2450 | 1.5998 | 1.2755 | 1.6957 | 1.3902 | 1.7014 | 1.8718 | 0.8617 |
| | 2.6970 | 2.0677 | 2.5251 | 1.9263 | 2.3314 | 1.8771 | 1.7236 | 3.3362 |
| 10 | 1.5531 | 1.2722 | 1.4546 | 1.5442 | 1.8204 | 1.6543 | 1.8769 | 0.8105 |
| | 2.0774 | 2.5326 | 2.2643 | 2.1355 | 1.8983 | 1.9864 | 1.7494 | 3.5937 |
| 11 | 1.3318 | 1.6903 | 1.5380 | 1.7515 | 1.6181 | 1.9152 | 1.8631 | 0.7580 |
| | 2.3803 | 1.9318 | 2.1440 | 1.9698 | 2.1411 | 1.8101 | 1.8406 | 3.9732 |
| 12 | 1.7129 | 1.3877 | 1.8177 | 1.6167 | 1.5652 | 1.8151 | 1.0452 | |
| | 1.8481 | 2.3344 | 1.9012 | 2.1429 | 2.2335 | 1.9272 | 3.0098 | |
| 13 | 1.4866 | 1.6994 | 1.6511 | 1.9123 | 1.8128 | 1.1041 | 0.5627 | |
| | 2.1280 | 1.8791 | 1.9902 | 1.8128 | 1.9296 | 3.1774 | 5.6797 | |
| 14 | 1.8202 | 1.8694 | 1.8740 | 1.8601 | 1.0442 | 0.5443 | | |
| | 1.7438 | 1.7250 | 1.7521 | 1.8437 | 3.0122 | 5.8137 | | |
| 15 | 0.8221 | 0.8612 | 0.8093 | 0.7566 | F-SUB-Q | | | |
| | 3.4655 | 3.3379 | 3.5985 | 3.9803 | 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 | 1.1346 | 1.1788 | 1.4530 | 1.2605 | 1.6051 | 1.4063 | 1.7034 | 0.7904 |
| | 2.7936 | 2.6277 | 2.0820 | 2.3688 | 1.8592 | 2.1224 | 1.7581 | 3.4144 |
| 9 | 1.1788 | 1.5042 | 1.2072 | 1.5933 | 1.3170 | 1.6080 | 1.7536 | 0.8286 |
| | 2.6277 | 2.0494 | 2.5031 | 1.9252 | 2.3128 | 1.8718 | 1.7318 | 3.2793 |
| 10 | 1.4530 | 1.2047 | 1.3800 | 1.4603 | 1.7082 | 1.5644 | 1.7582 | 0.7779 |
| | 2.0820 | 2.5105 | 2.2348 | 2.1145 | 1.8709 | 1.9712 | 1.7532 | 3.5209 |
| 11 | 1.2605 | 1.5883 | 1.4544 | 1.6466 | 1.5304 | 1.7944 | 1.7456 | 0.7298 |
| | 2.3688 | 1.9307 | 2.1230 | 1.9382 | 2.1097 | 1.7933 | 1.8262 | 3.8714 |
| 12 | 1.6051 | 1.3147 | 1.7056 | 1.5292 | 1.4826 | 1.7038 | 1.0075 | |
| | 1.8592 | 2.3166 | 1.8738 | 2.1115 | 2.2099 | 1.9257 | 2.9259 | |
| 13 | 1.4063 | 1.6061 | 1.5613 | 1.7918 | 1.7017 | 1.0555 | 0.5429 | |
| | 2.1224 | 1.8738 | 1.9750 | 1.7960 | 1.9281 | 3.1108 | 5.5238 | |
| 14 | 1.7034 | 1.7514 | 1.7554 | 1.7428 | 1.0063 | 0.5259 | | |
| | 1.7581 | 1.7340 | 1.7559 | 1.8293 | 2.9291 | 5.6458 | | |
| 15 | 0.7904 | 0.8282 | 0.7768 | 0.7284 | F-SUB-Q | | | |
| | 3.4144 | 3.2810 | 3.5257 | 3.8783 | 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 | 1.0783 | 1.1175 | 1.3715 | 1.1921 | 1.5145 | 1.3305 | 1.6031 | 0.7338 |
| | 2.7118 | 2.6009 | 2.0860 | 2.3797 | 1.8744 | 2.1356 | 1.7779 | 3.5008 |
| 9 | 1.1175 | 1.4254 | 1.1458 | 1.5075 | 1.2467 | 1.5223 | 1.6515 | 0.7692 |
| | 2.6009 | 2.0318 | 2.4978 | 1.9259 | 2.3126 | 1.8801 | 1.7465 | 3.3689 |
| 10 | 1.3715 | 1.1425 | 1.3125 | 1.3852 | 1.6122 | 1.4811 | 1.6552 | 0.7233 |
| | 2.0860 | 2.5051 | 2.2175 | 2.1050 | 1.8627 | 1.9710 | 1.7639 | 3.6102 |
| 11 | 1.1921 | 1.5028 | 1.3797 | 1.5573 | 1.4501 | 1.6899 | 1.6410 | 0.6766 |
| | 2.3797 | 1.9319 | 2.1134 | 1.9245 | 2.0792 | 1.7829 | 1.8292 | 3.9520 |
| 12 | 1.5145 | 1.2447 | 1.6098 | 1.4490 | 1.4053 | 1.6020 | 0.9330 | |
| | 1.8744 | 2.3162 | 1.8655 | 2.0810 | 2.1822 | 1.9123 | 2.9483 | |
| 13 | 1.3305 | 1.5205 | 1.4782 | 1.6874 | 1.6000 | 0.9843 | 0.5043 | |
| | 2.1356 | 1.8822 | 1.9748 | 1.7855 | 1.9147 | 3.1455 | 5.5924 | |
| 14 | 1.6031 | 1.6493 | 1.6526 | 1.6384 | 0.9320 | 0.4879 | | |
| | 1.7779 | 1.7487 | 1.7666 | 1.8322 | 2.9514 | 5.7234 | | |
| 15 | 0.7338 | 0.7688 | 0.7221 | 0.6753 | F-SUB-Q | | | |
| | 3.5008 | 3.3706 | 3.6150 | 3.9591 | 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 | 0.9755 | 1.0188 | 1.2366 | 1.0871 | 1.3496 | 1.2001 | 1.4218 | 0.6674 |
| | 2.8485 | 2.7054 | 2.2122 | 2.5051 | 2.0218 | 2.2777 | 1.9290 | 3.7100 |
| 9 | 1.0188 | 1.2794 | 1.0461 | 1.3564 | 1.1378 | 1.3656 | 1.4618 | 0.6978 |
| | 2.7054 | 2.1550 | 2.6154 | 2.0481 | 2.4276 | 2.0142 | 1.8944 | 3.5783 |
| 10 | 1.2366 | 1.0431 | 1.1903 | 1.2601 | 1.4380 | 1.3312 | 1.4630 | 0.6554 |
| | 2.2122 | 2.6227 | 2.3361 | 2.2104 | 1.9868 | 2.0995 | 1.9115 | 3.8309 |
| 11 | 1.0871 | 1.3523 | 1.2553 | 1.3992 | 1.3149 | 1.4957 | 1.4535 | 0.6097 |
| | 2.5051 | 2.0542 | 2.2189 | 2.0373 | 2.1828 | 1.9193 | 1.9659 | 4.1999 |
| 12 | 1.3496 | 1.1361 | 1.4360 | 1.3139 | 1.2653 | 1.4217 | 0.8455 | |
| | 2.0218 | 2.4313 | 1.9897 | 2.1845 | 2.2912 | 2.0413 | 3.0960 | |
| 13 | 1.2001 | 1.3642 | 1.3287 | 1.4936 | 1.4199 | 0.8840 | 0.4574 | |
| | 2.2777 | 2.0163 | 2.1035 | 1.9220 | 2.0437 | 3.3035 | 5.8392 | |
| 14 | 1.4218 | 1.4600 | 1.4608 | 1.4513 | 0.8441 | 0.4422 | | |
| | 1.9290 | 1.8967 | 1.9143 | 1.9689 | 3.1007 | 5.9800 | | |
| 15 | 0.6674 | 0.6975 | 0.6544 | 0.6086 | F-SUB-Q | | | |
| | 3.7100 | 3.5799 | 3.8359 | 4.2072 | 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 | 0.7717 | 0.8297 | 1.1017 | 0.8840 | 1.1600 | 0.9496 | 1.1998 | 0.5487 |
| | 3.4537 | 3.1960 | 2.3997 | 2.9866 | 2.2809 | 2.7949 | 2.2169 | 4.3871 |
| 9 | 0.8297 | 1.0908 | 0.8538 | 1.1533 | 0.9275 | 1.0758 | 1.2235 | 0.5718 |
| | 3.1960 | 2.4389 | 3.0997 | 2.3172 | 2.8834 | 2.4795 | 2.1930 | 4.2445 |
| 10 | 1.1016 | 0.8517 | 0.9490 | 1.0258 | 1.2176 | 1.0532 | 1.2168 | 0.5306 |
| | 2.3997 | 3.1073 | 2.8327 | 2.6239 | 2.2435 | 2.5813 | 2.2236 | 4.5856 |
| 11 | 0.8840 | 1.1497 | 1.0222 | 1.2045 | 1.0620 | 1.2451 | 1.1715 | 0.4912 |
| | 2.9866 | 2.3245 | 2.6331 | 2.2866 | 2.5949 | 2.2149 | 2.3499 | 5.0480 |
| 12 | 1.1600 | 0.9261 | 1.2157 | 1.0613 | 0.9793 | 1.1761 | 0.6932 | |
| | 2.2809 | 2.8875 | 2.2469 | 2.5968 | 2.8528 | 2.3803 | 3.6496 | |
| 13 | 0.9496 | 1.0747 | 1.0514 | 1.2435 | 1.1749 | 0.7047 | 0.3724 | |
| | 2.7949 | 2.4820 | 2.5859 | 2.2177 | 2.3827 | 3.9912 | 6.9204 | |
| 14 | 1.1998 | 1.2223 | 1.2152 | 1.1698 | 0.6916 | 0.3603 | | |
| | 2.2169 | 2.1945 | 2.2264 | 2.3535 | 3.6575 | 7.0813 | | |
| 15 | 0.5487 | 0.5716 | 0.5298 | 0.4903 | F-SUB-Q | | | |
| | 4.3871 | 4.2463 | 4.5911 | 5.0563 | 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 | 0.3267 | 0.3547 | 0.4318 | 0.3795 | 0.4528 | 0.3837 | 0.4312 | 0.2263 |
| | 7.8850 | 7.2446 | 5.9370 | 6.7610 | 5.6668 | 6.7205 | 5.9848 | *10.3529 |
| 9 | 0.3547 | 0.4160 | 0.3671 | 0.4539 | 0.3988 | 0.4099 | 0.4373 | 0.2330 |
| | 7.2446 | 6.1836 | 7.0008 | 5.7031 | 6.5122 | 6.3138 | 5.9344 | *10.1345 |
| 10 | 0.4318 | 0.3663 | 0.3764 | 0.4210 | 0.4749 | 0.4128 | 0.4340 | 0.2199 |
| | 5.9370 | 7.0162 | 6.9238 | 6.1979 | 5.5453 | 6.3827 | 6.0385 | *10.7531 |
| 11 | 0.3795 | 0.4527 | 0.4198 | 0.4711 | 0.4201 | 0.4716 | 0.4139 | 0.1990 |
| | 6.7610 | 5.7191 | 6.2165 | 5.6226 | 6.3228 | 5.6503 | 6.4352 | *12.0993 |
| 12 | 0.4528 | 0.3982 | 0.4741 | 0.4198 | 0.3765 | 0.4216 | 0.2839 | |
| | 5.6668 | 6.5223 | 5.5543 | 6.3288 | 7.1383 | 6.4237 | 8.6138 | |
| 13 | 0.3837 | 0.4096 | 0.4122 | 0.4710 | 0.4211 | 0.2957 | 0.1545 | |
| | 6.7205 | 6.3195 | 6.3934 | 5.6574 | 6.4301 | 9.2223 | *16.2002 | |
| 14 | 0.4312 | 0.4369 | 0.4335 | 0.4133 | 0.2832 | 0.1520 | | |
| | 5.9848 | 5.9384 | 6.0463 | 6.4448 | 8.6325 | *16.3115 | | |
| 15 | 0.2263 | 0.2329 | 0.2196 | 0.1986 | F-SUB-Q | | | |
| | *10.3529 | *10.1385 | *10.7653 | *12.1182 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.2879 | 0.3709 | 0.4758 | 0.4423 | 0.5130 | 0.4136 | 0.3620 | 0.1878 |
| | 6.1355 | 6.0599 | 4.8358 | 5.1944 | 4.5733 | 5.3228 | 5.0356 | 8.1875 |
| 9 | 0.3709 | 0.4225 | 0.3997 | 0.5030 | 0.4520 | 0.4362 | 0.4379 | 0.2369 |
| | 6.0599 | 5.2587 | 5.5124 | 4.6280 | 5.0714 | 5.1696 | 5.0237 | 8.0220 |
| 10 | 0.4758 | 0.3993 | 0.3491 | 0.4502 | 0.5054 | 0.4483 | 0.4520 | 0.2346 |
| | 4.8358 | 5.5225 | 5.4689 | 5.0116 | 4.6418 | 5.1447 | 5.1319 | 8.5482 |
| 11 | 0.4423 | 0.5026 | 0.4495 | 0.4664 | 0.4245 | 0.4717 | 0.4289 | 0.2211 |
| | 5.1944 | 4.6334 | 5.0210 | 4.7970 | 5.1720 | 4.9211 | 5.6235 | 9.7311 |
| 12 | 0.5130 | 0.4517 | 0.5050 | 0.4243 | 0.3155 | 0.3696 | 0.2802 | |
| | 4.5733 | 5.0772 | 4.6473 | 5.1752 | 5.5972 | 5.3386 | 7.1200 | |
| 13 | 0.4136 | 0.4359 | 0.4480 | 0.4714 | 0.3693 | 0.2346 | 0.1501 | |
| | 5.3228 | 5.1713 | 5.1486 | 4.9241 | 5.3418 | 7.2885 | *12.1316 | |
| 14 | 0.3620 | 0.4377 | 0.4518 | 0.4286 | 0.2798 | 0.1460 | | |
| | 5.0356 | 5.0250 | 5.1346 | 5.6274 | 7.1285 | *12.3453 | | |
| 15 | 0.1878 | 0.2368 | 0.2345 | 0.2210 | F-SUB-Q | | | |
| | 8.1875 | 8.0231 | 8.5523 | 9.7384 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.6311 | 0.8258 | 1.1149 | 0.9779 | 1.2008 | 0.9472 | 0.8987 | 0.4512 |
| | 3.0112 | 2.8364 | 2.1586 | 2.4565 | 2.0444 | 2.4284 | 2.0934 | 3.6260 |
| 9 | 0.8258 | 1.0149 | 0.8878 | 1.1752 | 0.9965 | 1.0409 | 1.1091 | 0.5649 |
| | 2.8364 | 2.2793 | 2.5949 | 2.0627 | 2.4054 | 2.2165 | 2.0721 | 3.5476 |
| 10 | 1.1149 | 0.8870 | 0.8123 | 1.0216 | 1.1879 | 1.0654 | 1.1428 | 0.5574 |
| | 2.1586 | 2.6000 | 2.4297 | 2.3007 | 2.0762 | 2.2619 | 2.1177 | 3.7955 |
| 11 | 0.9779 | 1.1741 | 1.0199 | 1.0895 | 0.9975 | 1.1234 | 1.0817 | 0.5265 |
| | 2.4565 | 2.0663 | 2.3052 | 2.1170 | 2.2718 | 2.1377 | 2.3085 | 4.2569 |
| 12 | 1.2008 | 0.9958 | 1.1870 | 0.9969 | 0.7381 | 0.9241 | 0.6518 | |
| | 2.0444 | 2.4081 | 2.0786 | 2.2733 | 2.4163 | 2.2049 | 3.1627 | |
| 13 | 0.9472 | 1.0403 | 1.0648 | 1.1227 | 0.9233 | 0.5233 | 0.3484 | |
| | 2.4284 | 2.2171 | 2.2633 | 2.1390 | 2.2062 | 3.3643 | 5.3894 | |
| 14 | 0.8987 | 1.1087 | 1.1423 | 1.0810 | 0.6509 | 0.3386 | | |
| | 2.0934 | 2.0726 | 2.1187 | 2.3101 | 3.1668 | 5.4898 | | |
| 15 | 0.4512 | 0.5647 | 0.5571 | 0.5262 | F-SUB-Q | | | |
| | 3.6260 | 3.5484 | 3.7973 | 4.2599 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.7991 | 1.0298 | 1.3560 | 1.2183 | 1.4626 | 1.1950 | 1.1764 | 0.6090 |
| | 2.5467 | 2.3815 | 1.8562 | 2.0571 | 1.7489 | 2.0163 | 1.7593 | 2.9808 |
| 9 | 1.0298 | 1.2390 | 1.1118 | 1.4155 | 1.2344 | 1.3135 | 1.3831 | 0.7232 |
| | 2.3815 | 1.9629 | 2.1764 | 1.7993 | 2.0263 | 1.8240 | 1.7465 | 2.9035 |
| 10 | 1.3560 | 1.1101 | 1.0572 | 1.2723 | 1.4098 | 1.3291 | 1.4101 | 0.7049 |
| | 1.8562 | 2.1812 | 2.0076 | 1.9352 | 1.8139 | 1.8810 | 1.7898 | 3.1105 |
| 11 | 1.2183 | 1.4150 | 1.2700 | 1.3219 | 1.2372 | 1.3793 | 1.3369 | 0.6657 |
| | 2.0571 | 1.8018 | 1.9394 | 1.8544 | 1.9035 | 1.7982 | 1.9321 | 3.4906 |
| 12 | 1.4626 | 1.2335 | 1.4085 | 1.2364 | 0.9294 | 1.1405 | 0.8100 | |
| | 1.7489 | 2.0286 | 1.8169 | 1.9048 | 1.9815 | 1.8720 | 2.6226 | |
| 13 | 1.1950 | 1.3130 | 1.3285 | 1.3784 | 1.1395 | 0.6602 | 0.4309 | |
| | 2.0163 | 1.8245 | 1.8821 | 1.7993 | 1.8732 | 2.7487 | 4.4852 | |
| 14 | 1.1764 | 1.3826 | 1.4094 | 1.3360 | 0.8092 | 0.4216 | | |
| | 1.7593 | 1.7469 | 1.7907 | 1.9334 | 2.6248 | 4.5386 | | |
| 15 | 0.6090 | 0.7229 | 0.7045 | 0.6652 | F-SUB-Q | | | |
| | 2.9808 | 2.9038 | 3.1121 | 3.4930 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8998 | 1.1685 | 1.5847 | 1.3754 | 1.6985 | 1.3679 | 1.4862 | 0.7562 |
| | 2.3937 | 2.2271 | 1.6804 | 1.9176 | 1.5832 | 1.8677 | 1.5778 | 2.8044 |
| 9 | 1.1685 | 1.4612 | 1.2735 | 1.6415 | 1.3929 | 1.5143 | 1.6460 | 0.8163 |
| | 2.2271 | 1.7800 | 2.0289 | 1.6329 | 1.8900 | 1.6763 | 1.5670 | 2.7328 |
| 10 | 1.5847 | 1.2712 | 1.2822 | 1.4552 | 1.6343 | 1.5044 | 1.6518 | 0.7896 |
| | 1.6804 | 2.0336 | 1.8692 | 1.7958 | 1.6492 | 1.7408 | 1.6053 | 2.9455 |
| 11 | 1.3754 | 1.6395 | 1.4520 | 1.5356 | 1.3990 | 1.5935 | 1.5468 | 0.7359 |
| | 1.9176 | 1.6352 | 1.7998 | 1.6808 | 1.7656 | 1.6218 | 1.7337 | 3.2969 |
| 12 | 1.6985 | 1.3916 | 1.6326 | 1.3979 | 1.0393 | 1.3103 | 0.8873 | |
| | 1.5832 | 1.8922 | 1.6521 | 1.7670 | 1.8427 | 1.6864 | 2.4882 | |
| 13 | 1.3679 | 1.5137 | 1.5036 | 1.5925 | 1.3091 | 0.7338 | 0.4671 | |
| | 1.8677 | 1.6768 | 1.7416 | 1.6227 | 1.6875 | 2.5693 | 4.2943 | |
| 14 | 1.4862 | 1.6454 | 1.6511 | 1.5456 | 0.8861 | 0.4573 | | |
| | 1.5778 | 1.5674 | 1.6061 | 1.7350 | 2.4913 | 4.3423 | | |
| 15 | 0.7562 | 0.8160 | 0.7891 | 0.7354 | F-SUB-Q | | | |
| | 2.8044 | 2.7330 | 2.9470 | 3.2992 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9596 | 1.2482 | 1.7163 | 1.4608 | 1.8247 | 1.4650 | 1.7543 | 0.8660 |
| | 2.4148 | 2.2289 | 1.6541 | 1.9133 | 1.5601 | 1.8666 | 1.5500 | 2.7962 |
| 9 | 1.2482 | 1.5991 | 1.3709 | 1.7720 | 1.4772 | 1.6341 | 1.8012 | 0.9025 |
| | 2.2289 | 1.7590 | 2.0275 | 1.6046 | 1.8868 | 1.6704 | 1.5397 | 2.7135 |
| 10 | 1.7163 | 1.3682 | 1.4504 | 1.5622 | 1.7618 | 1.5904 | 1.7837 | 0.8487 |
| | 1.6541 | 2.0324 | 1.8778 | 1.7864 | 1.6139 | 1.7338 | 1.5731 | 2.9321 |
| 11 | 1.4608 | 1.7697 | 1.5585 | 1.6559 | 1.4849 | 1.6980 | 1.6548 | 0.7800 |
| | 1.9133 | 1.6082 | 1.7905 | 1.6516 | 1.7632 | 1.6005 | 1.6890 | 3.2556 |
| 12 | 1.8247 | 1.4758 | 1.7598 | 1.4836 | 1.0998 | 1.3952 | 0.9351 | |
| | 1.5601 | 1.8890 | 1.6157 | 1.7645 | 1.8487 | 1.6601 | 2.4766 | |
| 13 | 1.4650 | 1.6336 | 1.5895 | 1.6969 | 1.3940 | 0.7733 | 0.4884 | |
| | 1.8666 | 1.6709 | 1.7346 | 1.6014 | 1.6611 | 2.5578 | 4.3054 | |
| 14 | 1.7543 | 1.8006 | 1.7829 | 1.6536 | 0.9340 | 0.4781 | | |
| | 1.5500 | 1.5401 | 1.5739 | 1.6903 | 2.4792 | 4.3546 | | |
| 15 | 0.8660 | 0.9025 | 0.8483 | 0.7795 | F-SUB-Q | | | |
| | 2.7962 | 2.7138 | 2.9336 | 3.2578 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9958 | 1.2938 | 1.7877 | 1.5066 | 1.8895 | 1.5185 | 1.8671 | 0.9247 |
| | 2.5015 | 2.2931 | 1.6923 | 1.9613 | 1.5915 | 1.9215 | 1.5837 | 2.8651 |
| 9 | 1.2938 | 1.6728 | 1.4243 | 1.8453 | 1.5212 | 1.7023 | 1.8850 | 0.9623 |
| | 2.2931 | 1.8035 | 2.0862 | 1.6369 | 1.9329 | 1.7176 | 1.5723 | 2.7741 |
| 10 | 1.7877 | 1.4213 | 1.5180 | 1.6190 | 1.8276 | 1.6319 | 1.8505 | 0.8875 |
| | 1.6923 | 2.0914 | 1.9388 | 1.8307 | 1.6314 | 1.7725 | 1.5967 | 2.9884 |
| 11 | 1.5066 | 1.8413 | 1.6149 | 1.7272 | 1.5301 | 1.7475 | 1.7057 | 0.8052 |
| | 1.9613 | 1.6404 | 1.8346 | 1.6910 | 1.8201 | 1.6439 | 1.7038 | 3.2775 |
| 12 | 1.8895 | 1.5197 | 1.8254 | 1.5286 | 1.1331 | 1.4348 | 0.9632 | |
| | 1.5915 | 1.9350 | 1.6332 | 1.8214 | 1.9197 | 1.7097 | 2.5421 | |
| 13 | 1.5185 | 1.7017 | 1.6309 | 1.7463 | 1.4335 | 0.7944 | 0.5012 | |
| | 1.9215 | 1.7181 | 1.7735 | 1.6449 | 1.7108 | 2.6422 | 4.4494 | |
| 14 | 1.8671 | 1.8845 | 1.8496 | 1.7045 | 0.9626 | 0.4904 | | |
| | 1.5837 | 1.5727 | 1.5975 | 1.7050 | 2.5435 | 4.5023 | | |
| 15 | 0.9247 | 0.9622 | 0.8870 | 0.8046 | F-SUB-Q | | | |
| | 2.8651 | 2.7744 | 2.9900 | 3.2797 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0149 | 1.3224 | 1.8425 | 1.5359 | 1.9402 | 1.5562 | 1.9366 | 0.9467 |
| | 2.6095 | 2.3691 | 1.7253 | 2.0215 | 1.6271 | 1.9783 | 1.6193 | 2.9802 |
| 9 | 1.3224 | 1.7270 | 1.4567 | 1.9031 | 1.5494 | 1.7439 | 1.9499 | 0.9847 |
| | 2.3691 | 1.8467 | 2.1455 | 1.6648 | 1.9936 | 1.7624 | 1.6033 | 2.8801 |
| 10 | 1.8425 | 1.4536 | 1.5531 | 1.6566 | 1.8815 | 1.6601 | 1.9027 | 0.8985 |
| | 1.7253 | 2.1508 | 1.9984 | 1.8773 | 1.6670 | 1.8252 | 1.6264 | 3.0868 |
| 11 | 1.5359 | 1.8988 | 1.6523 | 1.7814 | 1.5593 | 1.7884 | 1.7479 | 0.8128 |
| | 2.0215 | 1.6686 | 1.8818 | 1.7431 | 1.8946 | 1.7006 | 1.7499 | 3.4125 |
| 12 | 1.9402 | 1.5478 | 1.8788 | 1.5577 | 1.1488 | 1.4671 | 0.9707 | |
| | 1.6271 | 1.9959 | 1.6690 | 1.8960 | 2.0166 | 1.7785 | 2.6811 | |
| 13 | 1.5562 | 1.7432 | 1.6589 | 1.7872 | 1.4659 | 0.8038 | 0.5040 | |
| | 1.9783 | 1.7630 | 1.8262 | 1.7016 | 1.7796 | 2.7822 | 4.7115 | |
| 14 | 1.9366 | 1.9494 | 1.9017 | 1.7467 | 0.9697 | 0.4924 | | |
| | 1.6193 | 1.6037 | 1.6273 | 1.7512 | 2.6835 | 4.7736 | | |
| 15 | 0.9467 | 0.9846 | 0.8980 | 0.8122 | F-SUB-Q | | | |
| | 2.9802 | 2.8804 | 3.0884 | 3.4148 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0258 | 1.3337 | 1.8640 | 1.5439 | 1.9570 | 1.5658 | 1.9606 | 0.9534 |
| | 2.7898 | 2.5137 | 1.8203 | 2.1446 | 1.7187 | 2.0834 | 1.6910 | 3.1239 |
| 9 | 1.3337 | 1.7485 | 1.4673 | 1.9248 | 1.5561 | 1.7545 | 1.9725 | 0.9918 |
| | 2.5137 | 1.9478 | 2.2727 | 1.7540 | 2.1173 | 1.8578 | 1.6781 | 3.0212 |
| 10 | 1.8640 | 1.4641 | 1.5614 | 1.6685 | 1.9020 | 1.6649 | 1.9202 | 0.9020 |
| | 1.8203 | 2.2785 | 2.1177 | 1.9881 | 1.7605 | 1.9362 | 1.7135 | 3.2629 |
| 11 | 1.5439 | 1.9203 | 1.6640 | 1.8028 | 1.5705 | 1.8026 | 1.7627 | 0.8143 |
| | 2.1446 | 1.7581 | 1.9930 | 1.8455 | 2.0160 | 1.8030 | 1.8536 | 3.6303 |
| 12 | 1.9570 | 1.5543 | 1.8992 | 1.5689 | 1.1568 | 1.4808 | 0.9741 | |
| | 1.7187 | 2.1198 | 1.7630 | 2.0174 | 2.1463 | 1.8826 | 2.8497 | |
| 13 | 1.5658 | 1.7538 | 1.6636 | 1.8014 | 1.4795 | 0.8103 | 0.5057 | |
| | 2.0834 | 1.8584 | 1.9374 | 1.8041 | 1.8838 | 2.9693 | 5.0295 | |
| 14 | 1.9606 | 1.9719 | 1.9192 | 1.7614 | 0.9732 | 0.4937 | | |
| | 1.6910 | 1.6786 | 1.7144 | 1.8550 | 2.8520 | 5.1010 | | |
| 15 | 0.9534 | 0.9917 | 0.9016 | 0.8138 | F-SUB-Q | | | |
| | 3.1239 | 3.0216 | 3.2646 | 3.6328 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0380 | 1.3398 | 1.8786 | 1.5445 | 1.9670 | 1.5659 | 1.9731 | 0.9501 |
| | 3.0480 | 2.7240 | 1.9604 | 2.3235 | 1.8518 | 2.2464 | 1.8092 | 3.3710 |
| 9 | 1.3398 | 1.7645 | 1.4702 | 1.9391 | 1.5560 | 1.7564 | 1.9845 | 0.9861 |
| | 2.7240 | 2.0973 | 2.4614 | 1.8866 | 2.2954 | 2.0017 | 1.7973 | 3.2688 |
| 10 | 1.8786 | 1.4670 | 1.5634 | 1.6730 | 1.9163 | 1.6642 | 1.9305 | 0.8972 |
| | 1.9604 | 2.4676 | 2.2945 | 2.1504 | 1.8948 | 2.0954 | 1.8420 | 3.5383 |
| 11 | 1.5445 | 1.9345 | 1.6685 | 1.8187 | 1.5721 | 1.8138 | 1.7730 | 0.8085 |
| | 2.3235 | 1.8910 | 2.1558 | 1.9894 | 2.1871 | 1.9478 | 2.0000 | 3.9574 |
| 12 | 1.9670 | 1.5542 | 1.9134 | 1.5707 | 1.1666 | 1.4944 | 0.9716 | |
| | 1.8518 | 2.2981 | 1.8976 | 2.1886 | 2.3364 | 2.0326 | 3.1050 | |
| 13 | 1.5659 | 1.7556 | 1.6628 | 1.8125 | 1.4931 | 0.8183 | 0.5058 | |
| | 2.2464 | 2.0024 | 2.0968 | 1.9490 | 2.0338 | 3.2298 | 5.4742 | |
| 14 | 1.9731 | 1.9839 | 1.9294 | 1.7717 | 0.9709 | 0.4931 | | |
| | 1.8092 | 1.7978 | 1.8430 | 2.0014 | 3.1070 | 5.5582 | | |
| 15 | 0.9501 | 0.9860 | 0.8968 | 0.8079 | F-SUB-Q | | | |
| | 3.3710 | 3.2691 | 3.5402 | 3.9603 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0482 | 1.3330 | 1.8477 | 1.5216 | 1.9297 | 1.5398 | 1.9356 | 0.9470 |
| | 3.3528 | 3.0256 | 2.1897 | 2.5779 | 2.0637 | 2.5031 | 2.0203 | 3.7021 |
| 9 | 1.3330 | 1.7377 | 1.4519 | 1.9050 | 1.5334 | 1.7263 | 1.9468 | 0.9863 |
| | 3.0256 | 2.3518 | 2.7362 | 2.1035 | 2.5458 | 2.2295 | 2.0079 | 3.5764 |
| 10 | 1.8477 | 1.4487 | 1.5402 | 1.6492 | 1.8833 | 1.6359 | 1.8938 | 0.8995 |
| | 2.1897 | 2.7430 | 2.5574 | 2.3895 | 2.1084 | 2.3267 | 2.0492 | 3.8470 |
| 11 | 1.5216 | 1.9004 | 1.6450 | 1.7903 | 1.5655 | 1.7841 | 1.7424 | 0.8093 |
| | 2.5779 | 2.1083 | 2.3950 | 2.2007 | 2.4182 | 2.1593 | 2.2177 | 4.2875 |
| 12 | 1.9297 | 1.5316 | 1.8805 | 1.5640 | 1.1755 | 1.4789 | 0.9777 | |
| | 2.0637 | 2.5489 | 2.1109 | 2.4198 | 2.6093 | 2.2746 | 3.3845 | |
| 13 | 1.5398 | 1.7255 | 1.6344 | 1.7828 | 1.4776 | 0.8276 | 0.5106 | |
| | 2.5031 | 2.2304 | 2.3283 | 2.1606 | 2.2760 | 3.5727 | 6.0006 | |
| 14 | 1.9356 | 1.9463 | 1.8927 | 1.7411 | 0.9771 | 0.4982 | | |
| | 2.0203 | 2.0085 | 2.0503 | 2.2192 | 3.3861 | 6.0896 | | |
| 15 | 0.9470 | 0.9862 | 0.8990 | 0.8087 | F-SUB-Q | | | |
| | 3.7021 | 3.5768 | 3.8491 | 4.2904 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0490 | 1.3298 | 1.8658 | 1.5195 | 1.9434 | 1.5370 | 1.9508 | 0.9322 |
| | 3.7127 | 3.3229 | 2.3702 | 2.8187 | 2.2352 | 2.7139 | 2.1699 | 4.0560 |
| 9 | 1.3298 | 1.7573 | 1.4516 | 1.9236 | 1.5305 | 1.7273 | 1.9623 | 0.9697 |
| | 3.3230 | 2.5425 | 2.9892 | 2.2740 | 2.7871 | 2.4146 | 2.1561 | 3.9246 |
| 10 | 1.8658 | 1.4483 | 1.5405 | 1.6531 | 1.9031 | 1.6353 | 1.9100 | 0.8817 |
| | 2.3702 | 2.9967 | 2.7923 | 2.6072 | 2.2852 | 2.5380 | 2.2133 | 4.2543 |
| 11 | 1.5195 | 1.9190 | 1.6485 | 1.8115 | 1.5608 | 1.8016 | 1.7606 | 0.7964 |
| | 2.8187 | 2.2793 | 2.6136 | 2.4162 | 2.6762 | 2.3739 | 2.4038 | 4.7506 |
| 12 | 1.9434 | 1.5288 | 1.9001 | 1.5593 | 1.1749 | 1.4974 | 0.9653 | |
| | 2.2352 | 2.7904 | 2.2884 | 2.6779 | 2.8807 | 2.4877 | 3.7997 | |
| 13 | 1.5370 | 1.7265 | 1.6338 | 1.8003 | 1.4961 | 0.8296 | 0.5054 | |
| | 2.7139 | 2.4155 | 2.5399 | 2.3753 | 2.4892 | 3.9781 | 6.7207 | |
| 14 | 1.9508 | 1.9617 | 1.9089 | 1.7593 | 0.9645 | 0.4921 | | |
| | 2.1699 | 2.1567 | 2.2145 | 2.4054 | 3.8022 | 6.8339 | | |
| 15 | 0.9322 | 0.9696 | 0.8812 | 0.7957 | F-SUB-Q | | | |
| | 4.0560 | 3.9250 | 4.2566 | 4.7541 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0470 | 1.3239 | 1.8587 | 1.5068 | 1.9308 | 1.5220 | 1.9377 | 0.9228 |
| | 3.7627 | 3.3985 | 2.5591 | 3.0683 | 2.4494 | 3.0080 | 2.3972 | 4.4847 |
| 9 | 1.3239 | 1.7524 | 1.4421 | 1.9145 | 1.5177 | 1.7125 | 1.9496 | 0.9612 |
| | 3.3985 | 2.6682 | 3.2290 | 2.4924 | 3.0683 | 2.6739 | 2.3817 | 4.3340 |
| 10 | 1.8587 | 1.4388 | 1.5296 | 1.6433 | 1.8956 | 1.6215 | 1.8998 | 0.8740 |
| | 2.5591 | 3.2372 | 3.0534 | 2.8739 | 2.4929 | 2.8152 | 2.4455 | 4.7003 |
| 11 | 1.5068 | 1.9099 | 1.6386 | 1.8068 | 1.5544 | 1.7963 | 1.7558 | 0.7911 |
| | 3.0683 | 2.4974 | 2.8814 | 2.5099 | 2.7898 | 2.4990 | 2.6388 | 5.2514 |
| 12 | 1.9308 | 1.5160 | 1.8927 | 1.5530 | 1.1721 | 1.4984 | 0.9633 | |
| | 2.4494 | 3.0722 | 2.4960 | 2.7917 | 3.0451 | 2.6454 | 4.0458 | |
| 13 | 1.5220 | 1.7117 | 1.6199 | 1.7951 | 1.4971 | 0.8318 | 0.5061 | |
| | 3.0081 | 2.6750 | 2.8173 | 2.5006 | 2.6471 | 4.2504 | 7.2223 | |
| 14 | 1.9377 | 1.9490 | 1.8986 | 1.7545 | 0.9626 | 0.4924 | | |
| | 2.3972 | 2.3823 | 2.4467 | 2.6407 | 4.0485 | 7.3495 | | |
| 15 | 0.9228 | 0.9611 | 0.8735 | 0.7905 | F-SUB-Q | | | |
| | 4.4847 | 4.3345 | 4.7027 | 5.2550 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0479 | 1.3165 | 1.8304 | 1.4844 | 1.8957 | 1.4969 | 1.9016 | 0.9172 |
| | 3.7897 | 3.4417 | 2.4983 | 2.9934 | 2.3963 | 2.9678 | 2.3951 | 4.4465 |
| 9 | 1.3165 | 1.7285 | 1.4246 | 1.8828 | 1.4965 | 1.6844 | 1.9141 | 0.9567 |
| | 3.4417 | 2.6722 | 3.1427 | 2.4371 | 2.9934 | 2.6542 | 2.3867 | 4.2923 |
| 10 | 1.8304 | 1.4214 | 1.5095 | 1.6225 | 1.8669 | 1.5971 | 1.8684 | 0.8743 |
| | 2.4983 | 3.1507 | 2.9774 | 2.8031 | 2.4902 | 2.8119 | 2.4739 | 4.6764 |
| 11 | 1.4844 | 1.8782 | 1.6182 | 1.7829 | 1.5475 | 1.7745 | 1.7338 | 0.7904 |
| | 2.9934 | 2.4420 | 2.8107 | 2.5578 | 2.8400 | 2.5508 | 2.6923 | 5.3064 |
| 12 | 1.8957 | 1.4947 | 1.8639 | 1.5461 | 1.1742 | 1.4888 | 0.9711 | |
| | 2.3963 | 2.9972 | 2.4942 | 2.8418 | 3.1049 | 2.7020 | 4.0604 | |
| 13 | 1.4969 | 1.6835 | 1.5956 | 1.7733 | 1.4876 | 0.8395 | 0.5124 | |
| | 2.9678 | 2.6554 | 2.8149 | 2.5524 | 2.7036 | 4.2938 | 7.2567 | |
| 14 | 1.9016 | 1.9135 | 1.8673 | 1.7325 | 0.9705 | 0.4988 | | |
| | 2.3951 | 2.3874 | 2.4754 | 2.6943 | 4.0625 | 7.3812 | | |
| 15 | 0.9172 | 0.9566 | 0.8738 | 0.7898 | F-SUB-Q | | | |
| | 4.4466 | 4.2930 | 4.6792 | 5.3105 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0546 | 1.3209 | 1.8511 | 1.4841 | 1.9091 | 1.4943 | 1.9160 | 0.9025 |
| | 3.6228 | 3.2798 | 2.3966 | 2.8994 | 2.3055 | 2.8746 | 2.2996 | 4.3571 |
| 9 | 1.3209 | 1.7539 | 1.4273 | 1.9027 | 1.4962 | 1.6865 | 1.9298 | 0.9405 |
| | 3.2798 | 2.5585 | 3.0413 | 2.3405 | 2.9051 | 2.5669 | 2.2916 | 4.2162 |
| 10 | 1.8511 | 1.4241 | 1.5145 | 1.6310 | 1.8917 | 1.6019 | 1.8886 | 0.8586 |
| | 2.3966 | 3.0491 | 2.8828 | 2.7100 | 2.3910 | 2.7252 | 2.3765 | 4.6112 |
| 11 | 1.4841 | 1.8980 | 1.6263 | 1.8126 | 1.5519 | 1.8054 | 1.7635 | 0.7813 |
| | 2.8994 | 2.3453 | 2.7175 | 2.4481 | 2.7365 | 2.4484 | 2.5726 | 5.2192 |
| 12 | 1.9091 | 1.4945 | 1.8887 | 1.5505 | 1.1840 | 1.5253 | 0.9696 | |
| | 2.3055 | 2.9088 | 2.3949 | 2.7381 | 2.9971 | 2.5836 | 3.9510 | |
| 13 | 1.4943 | 1.6856 | 1.6004 | 1.8042 | 1.5240 | 0.8546 | 0.5151 | |
| | 2.8746 | 2.5681 | 2.7282 | 2.4497 | 2.5850 | 4.1411 | 6.9899 | |
| 14 | 1.9160 | 1.9292 | 1.8875 | 1.7622 | 0.9690 | 0.5004 | | |
| | 2.2996 | 2.2923 | 2.3779 | 2.5742 | 3.9529 | 7.1225 | | |
| 15 | 0.9025 | 0.9404 | 0.8581 | 0.7806 | F-SUB-Q | | | |
| | 4.3571 | 4.2169 | 4.6138 | 5.2235 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0846 | 1.3339 | 1.8579 | 1.4782 | 1.9059 | 1.4855 | 1.9122 | 0.8931 |
| | 3.3353 | 3.0201 | 2.2111 | 2.6939 | 2.1421 | 2.6821 | 2.1406 | 4.0616 |
| 9 | 1.3339 | 1.7703 | 1.4266 | 1.9057 | 1.4919 | 1.6797 | 1.9274 | 0.9300 |
| | 3.0201 | 2.3487 | 2.8121 | 2.1665 | 2.7001 | 2.3934 | 2.1330 | 3.9334 |
| 10 | 1.8579 | 1.4234 | 1.5154 | 1.6342 | 1.9030 | 1.6019 | 1.8936 | 0.8519 |
| | 2.2111 | 2.8191 | 2.6671 | 2.5103 | 2.2118 | 2.5361 | 2.2054 | 4.2867 |
| 11 | 1.4782 | 1.9009 | 1.6295 | 1.8347 | 1.5682 | 1.8335 | 1.7845 | 0.7779 |
| | 2.6939 | 2.1716 | 2.5168 | 2.2469 | 2.5192 | 2.2458 | 2.3583 | 4.8331 |
| 12 | 1.9059 | 1.4903 | 1.9000 | 1.5673 | 1.2222 | 1.5736 | 0.9845 | |
| | 2.1421 | 2.7033 | 2.2152 | 2.5205 | 2.7559 | 2.3658 | 3.6455 | |
| 13 | 1.4855 | 1.6787 | 1.6003 | 1.8323 | 1.5724 | 0.8974 | 0.5291 | |
| | 2.6821 | 2.3945 | 2.5389 | 2.2471 | 2.3671 | 3.8151 | 6.4647 | |
| 14 | 1.9122 | 1.9268 | 1.8925 | 1.7833 | 0.9841 | 0.5136 | | |
| | 2.1406 | 2.1336 | 2.2065 | 2.3599 | 3.6466 | 6.5937 | | |
| 15 | 0.8931 | 0.9299 | 0.8514 | 0.7773 | F-SUB-Q | | | |
| | 4.0616 | 3.9340 | 4.2890 | 4.8369 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1752 | 1.3527 | 1.8581 | 1.4692 | 1.8947 | 1.4735 | 1.8988 | 0.8863 |
| | 3.0734 | 2.7789 | 2.0143 | 2.4626 | 1.9557 | 2.4540 | 1.9546 | 3.7151 |
| 9 | 1.3527 | 1.7851 | 1.4244 | 1.9000 | 1.4866 | 1.6687 | 1.9158 | 0.9259 |
| | 2.7789 | 2.1365 | 2.5661 | 1.9765 | 2.4677 | 2.1868 | 1.9467 | 3.5872 |
| 10 | 1.8581 | 1.4211 | 1.5161 | 1.6350 | 1.9116 | 1.6007 | 1.8909 | 0.8495 |
| | 2.0143 | 2.5726 | 2.4343 | 2.2898 | 2.0159 | 2.3158 | 2.0098 | 3.9103 |
| 11 | 1.4692 | 1.8952 | 1.6305 | 1.8638 | 1.5984 | 1.8646 | 1.8015 | 0.7822 |
| | 2.4626 | 1.9815 | 2.2958 | 2.0809 | 2.3367 | 2.0799 | 2.1805 | 4.3909 |
| 12 | 1.8947 | 1.4850 | 1.9089 | 1.5977 | 1.3231 | 1.6618 | 1.0114 | |
| | 1.9557 | 2.4707 | 2.0191 | 2.3380 | 2.5640 | 2.1977 | 3.3745 | |
| 13 | 1.4735 | 1.6677 | 1.5990 | 1.8634 | 1.6607 | 0.9849 | 0.5522 | |
| | 2.4540 | 2.1879 | 2.3185 | 2.0811 | 2.1990 | 3.5484 | 6.0126 | |
| 14 | 1.8988 | 1.9152 | 1.8898 | 1.8002 | 1.0108 | 0.5359 | | |
| | 1.9546 | 1.9473 | 2.0109 | 2.1820 | 3.3760 | 6.1338 | | |
| 15 | 0.8863 | 0.9258 | 0.8490 | 0.7815 | F-SUB-Q | | | |
| | 3.7151 | 3.5878 | 3.9125 | 4.3943 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2443 | 1.3635 | 1.8405 | 1.4526 | 1.8665 | 1.4549 | 1.8681 | 0.8837 |
| | 3.0588 | 2.7709 | 2.0210 | 2.4696 | 1.9664 | 2.4611 | 1.9659 | 3.7000 |
| 9 | 1.3635 | 1.7823 | 1.4151 | 1.8754 | 1.4791 | 1.6480 | 1.8891 | 0.9238 |
| | 2.7709 | 2.1405 | 2.5673 | 1.9871 | 2.4723 | 2.1930 | 1.9567 | 3.5632 |
| 10 | 1.8405 | 1.4119 | 1.5082 | 1.6266 | 1.9017 | 1.5903 | 1.8710 | 0.8528 |
| | 2.0210 | 2.5738 | 2.4376 | 2.2916 | 2.0236 | 2.3187 | 2.0156 | 3.8656 |
| 11 | 1.4526 | 1.8707 | 1.6221 | 1.8735 | 1.6190 | 1.8784 | 1.8015 | 0.7870 |
| | 2.4696 | 1.9919 | 2.2974 | 2.0982 | 2.3499 | 2.0937 | 2.1777 | 4.3457 |
| 12 | 1.8665 | 1.4765 | 1.8990 | 1.6183 | 1.4475 | 1.7376 | 1.0426 | |
| | 1.9664 | 2.4753 | 2.0268 | 2.3511 | 2.5793 | 2.2145 | 3.3449 | |
| 13 | 1.4549 | 1.6470 | 1.5886 | 1.8772 | 1.7366 | 1.0625 | 0.5770 | |
| | 2.4611 | 2.1941 | 2.3215 | 2.0949 | 2.2157 | 3.5409 | 5.9802 | |
| 14 | 1.8681 | 1.8881 | 1.8699 | 1.8003 | 1.0419 | 0.5602 | | |
| | 1.9659 | 1.9573 | 2.0167 | 2.1792 | 3.3469 | 6.0980 | | |
| 15 | 0.8837 | 0.9236 | 0.8523 | 0.7863 | F-SUB-Q | | | |
| | 3.7000 | 3.5639 | 3.8679 | 4.3491 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2633 | 1.3751 | 1.8578 | 1.4488 | 1.8760 | 1.4498 | 1.8789 | 0.8644 |
| | 2.8269 | 2.5465 | 1.8562 | 2.2937 | 1.8112 | 2.2865 | 1.8088 | 3.4975 |
| 9 | 1.3751 | 1.8130 | 1.4150 | 1.8906 | 1.4718 | 1.6485 | 1.9042 | 0.9028 |
| | 2.5465 | 1.9601 | 2.3820 | 1.8268 | 2.2972 | 2.0298 | 1.7989 | 3.3788 |
| 10 | 1.8578 | 1.4123 | 1.5121 | 1.6327 | 1.9290 | 1.5957 | 1.8904 | 0.8338 |
| | 1.8562 | 2.3880 | 2.2581 | 2.1170 | 1.8557 | 2.1451 | 1.8482 | 3.6664 |
| 11 | 1.4488 | 1.8853 | 1.6281 | 1.9104 | 1.6428 | 1.9187 | 1.8352 | 0.7741 |
| | 2.2937 | 1.8313 | 2.1228 | 1.9106 | 2.1554 | 1.9027 | 1.9852 | 4.1021 |
| 12 | 1.8760 | 1.4702 | 1.9264 | 1.6421 | 1.5011 | 1.8069 | 1.0420 | |
| | 1.8112 | 2.2999 | 1.8587 | 2.1565 | 2.3862 | 2.0334 | 3.1361 | |
| 13 | 1.4498 | 1.6475 | 1.5940 | 1.9175 | 1.8058 | 1.0941 | 0.5814 | |
| | 2.2865 | 2.0310 | 2.1473 | 1.9038 | 2.0346 | 3.3193 | 5.6671 | |
| 14 | 1.8789 | 1.9032 | 1.8892 | 1.8339 | 1.0417 | 0.5635 | | |
| | 1.8088 | 1.7995 | 1.8493 | 1.9865 | 3.1367 | 5.7900 | | |
| 15 | 0.8644 | 0.9027 | 0.8333 | 0.7734 | F-SUB-Q | | | |
| | 3.4975 | 3.3795 | 3.6686 | 4.1056 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2572 | 1.3599 | 1.8310 | 1.4240 | 1.8453 | 1.4258 | 1.8489 | 0.8473 |
| | 2.6503 | 2.3982 | 1.7584 | 2.1828 | 1.7213 | 2.1756 | 1.7188 | 3.3428 |
| 9 | 1.3599 | 1.7941 | 1.3939 | 1.8609 | 1.4485 | 1.6239 | 1.8774 | 0.8855 |
| | 2.3982 | 1.8471 | 2.2600 | 1.7347 | 2.1831 | 1.9270 | 1.7079 | 3.2270 |
| 10 | 1.8310 | 1.3912 | 1.4925 | 1.6111 | 1.9064 | 1.5754 | 1.8668 | 0.8194 |
| | 1.7584 | 2.2658 | 2.1397 | 2.0039 | 1.7555 | 2.0307 | 1.7481 | 3.4933 |
| 11 | 1.4240 | 1.8553 | 1.6065 | 1.8935 | 1.6298 | 1.9072 | 1.8211 | 0.7631 |
| | 2.1828 | 1.7391 | 2.0094 | 1.8059 | 2.0354 | 1.7930 | 1.8591 | 3.8921 |
| 12 | 1.8453 | 1.4470 | 1.9038 | 1.6291 | 1.5011 | 1.8078 | 1.0367 | |
| | 1.7213 | 2.1857 | 1.7584 | 2.0364 | 2.2232 | 1.8958 | 2.9530 | |
| 13 | 1.4258 | 1.6229 | 1.5736 | 1.9060 | 1.8067 | 1.0971 | 0.5806 | |
| | 2.1756 | 1.9281 | 2.0329 | 1.7940 | 1.8969 | 3.0992 | 5.3143 | |
| 14 | 1.8489 | 1.8764 | 1.8656 | 1.8198 | 1.0364 | 0.5625 | | |
| | 1.7188 | 1.7085 | 1.7492 | 1.8604 | 2.9537 | 5.4314 | | |
| 15 | 0.8473 | 0.8854 | 0.8189 | 0.7624 | F-SUB-Q | | | |
| | 3.3428 | 3.2276 | 3.4955 | 3.8955 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2275 | 1.3144 | 1.7472 | 1.3706 | 1.7614 | 1.3753 | 1.7643 | 0.8293 |
| | 2.5621 | 2.3069 | 1.7337 | 2.1416 | 1.7025 | 2.1324 | 1.7020 | 3.2409 |
| 9 | 1.3144 | 1.7162 | 1.3436 | 1.7731 | 1.4047 | 1.5648 | 1.7936 | 0.8678 |
| | 2.3069 | 1.8042 | 2.2088 | 1.7165 | 2.1346 | 1.8893 | 1.6894 | 3.1179 |
| 10 | 1.7472 | 1.3414 | 1.4452 | 1.5532 | 1.8200 | 1.5217 | 1.7851 | 0.8059 |
| | 1.7337 | 2.2136 | 2.0823 | 1.9566 | 1.7253 | 1.9785 | 1.7225 | 3.3586 |
| 11 | 1.3706 | 1.7678 | 1.5488 | 1.8132 | 1.5758 | 1.8329 | 1.7458 | 0.7507 |
| | 2.1416 | 1.7209 | 1.9619 | 1.7585 | 1.9692 | 1.7409 | 1.8132 | 3.7304 |
| 12 | 1.7614 | 1.4022 | 1.8175 | 1.5752 | 1.4577 | 1.7397 | 1.0250 | |
| | 1.7025 | 2.1372 | 1.7278 | 1.9702 | 2.1698 | 1.8664 | 2.8180 | |
| 13 | 1.3753 | 1.5638 | 1.5200 | 1.8317 | 1.7387 | 1.0779 | 0.5750 | |
| | 2.1324 | 1.8904 | 1.9806 | 1.7421 | 1.8676 | 2.9903 | 5.0976 | |
| 14 | 1.7643 | 1.7926 | 1.7839 | 1.7445 | 1.0243 | 0.5579 | | |
| | 1.7020 | 1.6900 | 1.7236 | 1.8145 | 2.8198 | 5.2025 | | |
| 15 | 0.8293 | 0.8676 | 0.8053 | 0.7500 | F-SUB-Q | | | |
| | 3.2409 | 3.1185 | 3.3608 | 3.7337 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1737 | 1.2577 | 1.6675 | 1.3107 | 1.6844 | 1.3187 | 1.6874 | 0.7796 |
| | 2.4942 | 2.2764 | 1.7236 | 2.1335 | 1.6964 | 2.1226 | 1.6980 | 3.2905 |
| 9 | 1.2577 | 1.6421 | 1.2860 | 1.6922 | 1.3370 | 1.5026 | 1.7170 | 0.8162 |
| | 2.2764 | 1.7784 | 2.1910 | 1.7108 | 2.1228 | 1.8763 | 1.6838 | 3.1694 |
| 10 | 1.6675 | 1.2835 | 1.3883 | 1.4892 | 1.7381 | 1.4634 | 1.7093 | 0.7567 |
| | 1.7236 | 2.1959 | 2.0530 | 1.9343 | 1.7103 | 1.9523 | 1.7103 | 3.4137 |
| 11 | 1.3107 | 1.6871 | 1.4847 | 1.7318 | 1.5123 | 1.7586 | 1.6720 | 0.7070 |
| | 2.1335 | 1.7152 | 1.9397 | 1.7356 | 1.9304 | 1.7097 | 1.7922 | 3.7663 |
| 12 | 1.6844 | 1.3356 | 1.7357 | 1.5117 | 1.4048 | 1.6694 | 0.9665 | |
| | 1.6964 | 2.1253 | 1.7127 | 1.9314 | 2.1163 | 1.8283 | 2.8094 | |
| 13 | 1.3187 | 1.5016 | 1.4617 | 1.7574 | 1.6683 | 1.0237 | 0.5434 | |
| | 2.1226 | 1.8774 | 1.9545 | 1.7109 | 1.8295 | 2.9850 | 5.1023 | |
| 14 | 1.6874 | 1.7160 | 1.7082 | 1.6708 | 0.9657 | 0.5264 | | |
| | 1.6980 | 1.6844 | 1.7115 | 1.7935 | 2.8116 | 5.2152 | | |
| 15 | 0.7796 | 0.8160 | 0.7563 | 0.7063 | F-SUB-Q | | | |
| | 3.2905 | 3.1700 | 3.4159 | 3.7698 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0705 | 1.1450 | 1.4896 | 1.1915 | 1.5058 | 1.2000 | 1.5047 | 0.7093 |
| | 2.6096 | 2.3787 | 1.8502 | 2.2585 | 1.8264 | 2.2492 | 1.8359 | 3.4948 |
| 9 | 1.1450 | 1.4659 | 1.1711 | 1.5134 | 1.2195 | 1.3607 | 1.5312 | 0.7401 |
| | 2.3787 | 1.8964 | 2.3087 | 1.8373 | 2.2355 | 1.9960 | 1.8191 | 3.3771 |
| 10 | 1.4896 | 1.1689 | 1.2670 | 1.3562 | 1.5542 | 1.3331 | 1.5238 | 0.6874 |
| | 1.8502 | 2.3137 | 2.1569 | 2.0357 | 1.8289 | 2.0558 | 1.8438 | 3.6256 |
| 11 | 1.1915 | 1.5089 | 1.3521 | 1.5497 | 1.3774 | 1.5714 | 1.4884 | 0.6401 |
| | 2.2584 | 1.8424 | 2.0413 | 1.8535 | 2.0282 | 1.8314 | 1.9245 | 4.0005 |
| 12 | 1.5058 | 1.2182 | 1.5522 | 1.3770 | 1.2792 | 1.4891 | 0.8794 | |
| | 1.8264 | 2.2379 | 1.8315 | 2.0292 | 2.2105 | 1.9509 | 2.9546 | |
| 13 | 1.2000 | 1.3598 | 1.3315 | 1.5704 | 1.4881 | 0.9252 | 0.4954 | |
| | 2.2492 | 1.9972 | 2.0581 | 1.8326 | 1.9521 | 3.1372 | 5.3373 | |
| 14 | 1.5047 | 1.5303 | 1.5228 | 1.4873 | 0.8781 | 0.4799 | | |
| | 1.8359 | 1.8198 | 1.8450 | 1.9260 | 2.9587 | 5.4559 | | |
| 15 | 0.7093 | 0.7399 | 0.6869 | 0.6395 | F-SUB-Q | | | |
| | 3.4948 | 3.3778 | 3.6278 | 4.0042 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 250 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8551 | 0.9221 | 1.2143 | 0.9561 | 1.2182 | 0.9559 | 1.2046 | 0.5727 |
| | 3.1391 | 2.8500 | 2.1983 | 2.7320 | 2.1916 | 2.7455 | 2.2302 | 4.2179 |
| 9 | 0.9221 | 1.2054 | 0.9433 | 1.2559 | 0.9856 | 1.0783 | 1.2223 | 0.5959 |
| | 2.8500 | 2.2255 | 2.7772 | 2.1458 | 2.6795 | 2.4481 | 2.2120 | 4.0855 |
| 10 | 1.2143 | 0.9417 | 1.0163 | 1.0943 | 1.2857 | 1.0695 | 1.2152 | 0.5514 |
| | 2.1983 | 2.7826 | 2.6040 | 2.4425 | 2.1336 | 2.4878 | 2.2439 | 4.3987 |
| 11 | 0.9561 | 1.2528 | 1.0913 | 1.2800 | 1.1070 | 1.2488 | 1.1767 | 0.5125 |
| | 2.7320 | 2.1510 | 2.4487 | 2.1572 | 2.4286 | 2.2200 | 2.3541 | 4.8528 |
| 12 | 1.2182 | 0.9847 | 1.2842 | 1.1066 | 1.0021 | 1.1907 | 0.7100 | |
| | 2.1916 | 2.6823 | 2.1362 | 2.4298 | 2.7292 | 2.3608 | 3.5489 | |
| 13 | 0.9559 | 1.0776 | 1.0684 | 1.2481 | 1.1900 | 0.7306 | 0.4017 | |
| | 2.7455 | 2.4494 | 2.4905 | 2.2212 | 2.3621 | 3.8426 | 6.3781 | |
| 14 | 1.2046 | 1.2217 | 1.2145 | 1.1759 | 0.7089 | 0.3892 | | |
| | 2.2302 | 2.2127 | 2.2452 | 2.3557 | 3.5543 | 6.5178 | | |
| 15 | 0.5727 | 0.5958 | 0.5510 | 0.5120 | F-SUB-Q | | | |
| | 4.2179 | 4.0861 | 4.4013 | 4.8570 | M-SUB-Q | | | |

AT 50% POWER, 250 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3743 | 0.4032 | 0.4882 | 0.4192 | 0.4893 | 0.4026 | 0.4511 | 0.2410 |
| | 6.9471 | 6.3273 | 5.3113 | 6.0650 | 5.3077 | 6.3342 | 5.7923 | 9.7721 |
| 9 | 0.4032 | 0.4721 | 0.4134 | 0.5016 | 0.4331 | 0.4270 | 0.4561 | 0.2479 |
| | 6.3273 | 5.5060 | 6.1669 | 5.2162 | 5.9255 | 6.0106 | 5.7528 | 9.5755 |
| 10 | 0.4882 | 0.4126 | 0.4165 | 0.4601 | 0.5131 | 0.4338 | 0.4529 | 0.2336 |
| | 5.3113 | 6.1768 | 6.1637 | 5.6382 | 5.1781 | 5.9464 | 5.8473 | *10.1161 |
| 11 | 0.4192 | 0.5005 | 0.4589 | 0.5109 | 0.4507 | 0.4939 | 0.4343 | 0.2126 |
| | 6.0650 | 5.2275 | 5.6513 | 5.2213 | 5.7687 | 5.4402 | 6.1861 | *11.3856 |
| 12 | 0.4893 | 0.4326 | 0.5125 | 0.4505 | 0.4008 | 0.4450 | 0.2979 | |
| | 5.3077 | 5.9327 | 5.1843 | 5.7719 | 6.5770 | 6.1232 | 8.1983 | |
| 13 | 0.4026 | 0.4267 | 0.4334 | 0.4936 | 0.4448 | 0.3141 | 0.1701 | |
| | 6.3342 | 6.0135 | 5.9524 | 5.4436 | 6.1267 | 8.6890 | *14.6706 | |
| 14 | 0.4511 | 0.4559 | 0.4527 | 0.4339 | 0.2974 | 0.1674 | | |
| | 5.7923 | 5.7546 | 5.8508 | 6.1907 | 8.2111 | *14.7677 | | |
| 15 | 0.2410 | 0.2478 | 0.2335 | 0.2124 | F-SUB-Q | | | |
| | 9.7721 | 9.5769 | *10.1216 | *11.3953 | 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 | 0.3203 | 0.4126 | 0.5280 | 0.4910 | 0.5665 | 0.4519 | 0.3899 | 0.2035 |
| | 5.4359 | 5.3880 | 4.4084 | 4.6462 | 4.2113 | 4.8128 | 4.6375 | 7.2246 |
| 9 | 0.4126 | 0.4688 | 0.4436 | 0.5579 | 0.5026 | 0.4817 | 0.4797 | 0.2636 |
| | 5.3880 | 4.7727 | 4.9108 | 4.2346 | 4.5446 | 4.6636 | 4.6266 | 7.2272 |
| 10 | 0.5280 | 0.4433 | 0.3847 | 0.5009 | 0.5627 | 0.4983 | 0.5018 | 0.2638 |
| | 4.4084 | 4.9194 | 4.8462 | 4.4789 | 4.2528 | 4.6116 | 4.7163 | 7.5926 |
| 11 | 0.4910 | 0.5576 | 0.5004 | 0.5219 | 0.4765 | 0.5300 | 0.4823 | 0.2532 |
| | 4.6462 | 4.2401 | 4.4862 | 4.4465 | 4.6760 | 4.4758 | 4.9053 | 8.4133 |
| 12 | 0.5665 | 0.5024 | 0.5623 | 0.4764 | 0.3538 | 0.4218 | 0.3204 | |
| | 4.2113 | 4.5487 | 4.2568 | 4.6784 | 5.0277 | 4.9350 | 6.3889 | |
| 13 | 0.4519 | 0.4815 | 0.4981 | 0.5298 | 0.4215 | 0.2722 | 0.1802 | |
| | 4.8128 | 4.6648 | 4.6133 | 4.4775 | 4.9374 | 6.5884 | *10.7484 | |
| 14 | 0.3899 | 0.4796 | 0.5016 | 0.4821 | 0.3200 | 0.1754 | | |
| | 4.6375 | 4.6274 | 4.7180 | 4.9078 | 6.3937 | *10.7607 | | |
| 15 | 0.2035 | 0.2635 | 0.2637 | 0.2530 | F-SUB-Q | | | |
| | 7.2246 | 7.2279 | 7.5943 | 8.4179 | 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 | 0.6669 | 0.8737 | 1.1748 | 1.0352 | 1.2571 | 0.9776 | 0.9046 | 0.4590 |
| | 2.8096 | 2.6487 | 2.0619 | 2.2943 | 1.9755 | 2.3059 | 2.0331 | 3.3434 |
| 9 | 0.8737 | 1.0677 | 0.9377 | 1.2485 | 1.0571 | 1.0867 | 1.1397 | 0.5957 |
| | 2.6487 | 2.1719 | 2.4100 | 1.9602 | 2.2488 | 2.1069 | 2.0184 | 3.3446 |
| 10 | 1.1748 | 0.9371 | 0.8479 | 1.0830 | 1.2667 | 1.1238 | 1.1952 | 0.5961 |
| | 2.0619 | 2.4146 | 2.2618 | 2.1448 | 1.9748 | 2.1322 | 2.0558 | 3.5245 |
| 11 | 1.0352 | 1.2478 | 1.0817 | 1.1669 | 1.0669 | 1.1948 | 1.1569 | 0.5738 |
| | 2.2943 | 1.9631 | 2.1485 | 2.0356 | 2.1430 | 2.0853 | 2.1471 | 3.9029 |
| 12 | 1.2571 | 1.0567 | 1.2661 | 1.0665 | 0.7912 | 1.0004 | 0.7111 | |
| | 1.9755 | 2.2508 | 1.9768 | 2.1441 | 2.2879 | 2.1444 | 2.9972 | |
| 13 | 0.9776 | 1.0863 | 1.1234 | 1.1943 | 0.9997 | 0.5794 | 0.3994 | |
| | 2.3059 | 2.1074 | 2.1332 | 2.0859 | 2.1454 | 3.1743 | 4.9736 | |
| 14 | 0.9046 | 1.1394 | 1.1948 | 1.1563 | 0.7102 | 0.3885 | | |
| | 2.0331 | 2.0187 | 2.0564 | 2.1481 | 2.9996 | 4.9835 | | |
| 15 | 0.4590 | 0.5956 | 0.5959 | 0.5735 | F-SUB-Q | | | |
| | 3.3434 | 3.3451 | 3.5253 | 3.9047 | 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 | 0.8271 | 1.0702 | 1.4409 | 1.2664 | 1.5390 | 1.1978 | 1.1425 | 0.5880 |
| | 2.4320 | 2.2498 | 1.7473 | 1.9477 | 1.6733 | 1.9531 | 1.7021 | 2.7781 |
| 9 | 1.0702 | 1.2947 | 1.1546 | 1.4957 | 1.2847 | 1.3233 | 1.4080 | 0.7478 |
| | 2.2498 | 1.8612 | 2.0458 | 1.6941 | 1.9201 | 1.7658 | 1.6917 | 2.7588 |
| 10 | 1.4409 | 1.1541 | 1.0610 | 1.3210 | 1.5159 | 1.3710 | 1.4667 | 0.7394 |
| | 1.7473 | 2.0500 | 1.9081 | 1.8279 | 1.7130 | 1.8087 | 1.7298 | 2.9143 |
| 11 | 1.2664 | 1.4947 | 1.3193 | 1.4011 | 1.3012 | 1.4633 | 1.4198 | 0.7143 |
| | 1.9477 | 1.6969 | 1.8312 | 1.7580 | 1.8177 | 1.7583 | 1.8043 | 3.2454 |
| 12 | 1.5390 | 1.2842 | 1.5151 | 1.3006 | 0.9779 | 1.2232 | 0.8743 | |
| | 1.6733 | 1.9219 | 1.7147 | 1.8187 | 1.9193 | 1.8121 | 2.5019 | |
| 13 | 1.1978 | 1.3228 | 1.3707 | 1.4627 | 1.2224 | 0.7221 | 0.4863 | |
| | 1.9531 | 1.7662 | 1.8094 | 1.7589 | 1.8129 | 2.6199 | 4.1887 | |
| 14 | 1.1425 | 1.4077 | 1.4663 | 1.4191 | 0.8735 | 0.4761 | | |
| | 1.7021 | 1.6919 | 1.7303 | 1.8052 | 2.5030 | 4.1697 | | |
| 15 | 0.5880 | 0.7476 | 0.7391 | 0.7140 | F-SUB-Q | | | |
| | 2.7781 | 2.7589 | 2.9150 | 3.2468 | 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 | 0.9147 | 1.1936 | 1.6517 | 1.4079 | 1.7521 | 1.3349 | 1.3380 | 0.6747 |
| | 2.3204 | 2.1261 | 1.6054 | 1.8389 | 1.5418 | 1.8426 | 1.5543 | 2.6480 |
| 9 | 1.1936 | 1.4925 | 1.2900 | 1.7172 | 1.4231 | 1.4780 | 1.6266 | 0.8255 |
| | 2.1261 | 1.7098 | 1.9309 | 1.5529 | 1.8181 | 1.6543 | 1.5460 | 2.6301 |
| 10 | 1.6517 | 1.2884 | 1.1996 | 1.4786 | 1.7292 | 1.5183 | 1.6785 | 0.8103 |
| | 1.6054 | 1.9351 | 1.8038 | 1.7201 | 1.5696 | 1.7056 | 1.5834 | 2.8028 |
| 11 | 1.4079 | 1.7159 | 1.4765 | 1.5994 | 1.4439 | 1.6531 | 1.6110 | 0.7766 |
| | 1.8389 | 1.5557 | 1.7234 | 1.6115 | 1.7108 | 1.6101 | 1.6446 | 3.0983 |
| 12 | 1.7521 | 1.4224 | 1.7279 | 1.4432 | 1.0724 | 1.3770 | 0.9409 | |
| | 1.5418 | 1.8197 | 1.5712 | 1.7119 | 1.8153 | 1.6634 | 2.4069 | |
| 13 | 1.3349 | 1.4776 | 1.5180 | 1.6525 | 1.3761 | 0.7889 | 0.5187 | |
| | 1.8426 | 1.6546 | 1.7061 | 1.6106 | 1.6642 | 2.4829 | 4.0601 | |
| 14 | 1.3380 | 1.6263 | 1.6781 | 1.6102 | 0.9399 | 0.5081 | | |
| | 1.5543 | 1.5462 | 1.5839 | 1.6453 | 2.4086 | 4.0397 | | |
| 15 | 0.6747 | 0.8253 | 0.8100 | 0.7762 | F-SUB-Q | | | |
| | 2.6480 | 2.6302 | 2.8034 | 3.0997 | 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 | 0.9641 | 1.2600 | 1.7632 | 1.4760 | 1.8521 | 1.4120 | 1.5345 | 0.7889 |
| | 2.3680 | 2.1552 | 1.6065 | 1.8612 | 1.5464 | 1.8725 | 1.5556 | 2.6784 |
| 9 | 1.2600 | 1.6060 | 1.3747 | 1.8337 | 1.4917 | 1.5641 | 1.7561 | 0.8826 |
| | 2.1552 | 1.7162 | 1.9539 | 1.5491 | 1.8394 | 1.6772 | 1.5481 | 2.6517 |
| 10 | 1.7632 | 1.3728 | 1.3481 | 1.5680 | 1.8359 | 1.5806 | 1.7807 | 0.8550 |
| | 1.6065 | 1.9582 | 1.8353 | 1.7356 | 1.5617 | 1.7262 | 1.5825 | 2.8276 |
| 11 | 1.4760 | 1.8322 | 1.5655 | 1.7117 | 1.5098 | 1.7267 | 1.6887 | 0.8107 |
| | 1.8612 | 1.5517 | 1.7389 | 1.6080 | 1.7312 | 1.6071 | 1.6348 | 3.1050 |
| 12 | 1.8521 | 1.4908 | 1.8344 | 1.5091 | 1.1177 | 1.4363 | 0.9741 | |
| | 1.5464 | 1.8412 | 1.5633 | 1.7322 | 1.8475 | 1.6681 | 2.4308 | |
| 13 | 1.4120 | 1.5638 | 1.5803 | 1.7260 | 1.4354 | 0.8161 | 0.5329 | |
| | 1.8725 | 1.6775 | 1.7266 | 1.6076 | 1.6688 | 2.5080 | 4.1253 | |
| 14 | 1.5345 | 1.7557 | 1.7803 | 1.6879 | 0.9736 | 0.5221 | | |
| | 1.5556 | 1.5483 | 1.5829 | 1.6355 | 2.4311 | 4.1048 | | |
| 15 | 0.7889 | 0.8824 | 0.8547 | 0.8104 | F-SUB-Q | | | |
| | 2.6784 | 2.6518 | 2.8282 | 3.1062 | 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 | 0.9951 | 1.3039 | 1.8246 | 1.5110 | 1.9007 | 1.4610 | 1.7665 | 0.8926 |
| | 2.4742 | 2.2395 | 1.6651 | 1.9312 | 1.5995 | 1.9536 | 1.6143 | 2.7802 |
| 9 | 1.3039 | 1.6847 | 1.4298 | 1.8979 | 1.5270 | 1.6203 | 1.8384 | 0.9302 |
| | 2.2395 | 1.7822 | 2.0361 | 1.6009 | 1.9052 | 1.7476 | 1.6057 | 2.7476 |
| 10 | 1.8246 | 1.4275 | 1.4720 | 1.6210 | 1.8873 | 1.6065 | 1.8316 | 0.8917 |
| | 1.6651 | 2.0406 | 1.9181 | 1.7975 | 1.6033 | 1.7850 | 1.6327 | 2.9201 |
| 11 | 1.5110 | 1.8958 | 1.6181 | 1.7786 | 1.5468 | 1.7498 | 1.7142 | 0.8276 |
| | 1.9312 | 1.6035 | 1.8005 | 1.6651 | 1.8053 | 1.6660 | 1.6913 | 3.2033 |
| 12 | 1.9007 | 1.5259 | 1.8856 | 1.5458 | 1.1392 | 1.4521 | 0.9881 | |
| | 1.5995 | 1.9068 | 1.6047 | 1.8063 | 1.9404 | 1.7425 | 2.5251 | |
| 13 | 1.4610 | 1.6199 | 1.6061 | 1.7492 | 1.4513 | 0.8244 | 0.5381 | |
| | 1.9536 | 1.7479 | 1.7854 | 1.6665 | 1.7432 | 2.6222 | 4.3112 | |
| 14 | 1.7665 | 1.8381 | 1.8311 | 1.7135 | 0.9877 | 0.5269 | | |
| | 1.6143 | 1.6059 | 1.6330 | 1.6919 | 2.5252 | 4.2915 | | |
| 15 | 0.8926 | 0.9302 | 0.8915 | 0.8273 | F-SUB-Q | | | |
| | 2.7802 | 2.7477 | 2.9207 | 3.2045 | 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 | 1.0097 | 1.3273 | 1.8738 | 1.5341 | 1.9402 | 1.4933 | 1.8813 | 0.9389 |
| | 2.6018 | 2.3401 | 1.7189 | 2.0130 | 1.6567 | 2.0365 | 1.6742 | 2.9301 |
| 9 | 1.3273 | 1.7457 | 1.4640 | 1.9511 | 1.5494 | 1.6732 | 1.9004 | 0.9776 |
| | 2.3401 | 1.8430 | 2.1146 | 1.6484 | 1.9880 | 1.8161 | 1.6607 | 2.8898 |
| 10 | 1.8738 | 1.4615 | 1.5336 | 1.6550 | 1.9314 | 1.6232 | 1.8726 | 0.9039 |
| | 1.7189 | 2.1192 | 1.9958 | 1.8667 | 1.6574 | 1.8661 | 1.6866 | 3.0539 |
| 11 | 1.5341 | 1.9479 | 1.6518 | 1.8317 | 1.5668 | 1.7680 | 1.7353 | 0.8285 |
| | 2.0130 | 1.6512 | 1.8700 | 1.7344 | 1.8976 | 1.7429 | 1.7662 | 3.3818 |
| 12 | 1.9402 | 1.5483 | 1.9294 | 1.5658 | 1.1431 | 1.4624 | 0.9823 | |
| | 1.6567 | 1.9898 | 1.6592 | 1.8987 | 2.0573 | 1.8323 | 2.6890 | |
| 13 | 1.4933 | 1.6728 | 1.6228 | 1.7674 | 1.4616 | 0.8206 | 0.5330 | |
| | 2.0365 | 1.8164 | 1.8666 | 1.7434 | 1.8330 | 2.7878 | 4.6070 | |
| 14 | 1.8813 | 1.9000 | 1.8722 | 1.7346 | 0.9820 | 0.5213 | | |
| | 1.6742 | 1.6608 | 1.6869 | 1.7668 | 2.6888 | 4.5913 | | |
| 15 | 0.9389 | 0.9775 | 0.9037 | 0.8282 | F-SUB-Q | | | |
| | 2.9301 | 2.8899 | 3.0545 | 3.3830 | 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 | 1.0144 | 1.3357 | 1.8896 | 1.5369 | 1.9488 | 1.5072 | 1.9162 | 0.9549 |
| | 2.7938 | 2.5018 | 1.8301 | 2.1450 | 1.7600 | 2.1622 | 1.7647 | 3.0953 |
| 9 | 1.3357 | 1.7660 | 1.4729 | 1.9674 | 1.5512 | 1.6868 | 1.9267 | 0.9929 |
| | 2.5018 | 1.9604 | 2.2585 | 1.7524 | 2.1159 | 1.9295 | 1.7547 | 3.0553 |
| 10 | 1.8896 | 1.4703 | 1.5455 | 1.6615 | 1.9421 | 1.6195 | 1.8806 | 0.9073 |
| | 1.8301 | 2.2635 | 2.1322 | 1.9923 | 1.7501 | 1.9776 | 1.7890 | 3.2558 |
| 11 | 1.5369 | 1.9640 | 1.6582 | 1.8458 | 1.5689 | 1.7633 | 1.7329 | 0.8249 |
| | 2.1450 | 1.7554 | 1.9954 | 1.8493 | 2.0326 | 1.8618 | 1.8833 | 3.5902 |
| 12 | 1.9488 | 1.5500 | 1.9400 | 1.5678 | 1.1383 | 1.4566 | 0.9745 | |
| | 1.7600 | 2.1174 | 1.7515 | 2.0336 | 2.2032 | 1.9550 | 2.8787 | |
| 13 | 1.5072 | 1.6864 | 1.6190 | 1.7626 | 1.4558 | 0.8138 | 0.5278 | |
| | 2.1622 | 1.9299 | 1.9781 | 1.8624 | 1.9558 | 2.9927 | 4.9433 | |
| 14 | 1.9162 | 1.9265 | 1.8802 | 1.7322 | 0.9743 | 0.5157 | | |
| | 1.7647 | 1.7549 | 1.7894 | 1.8839 | 2.8782 | 4.9312 | | |
| 15 | 0.9549 | 0.9929 | 0.9070 | 0.8245 | F-SUB-Q | | | |
| | 3.0953 | 3.0554 | 3.2563 | 3.5914 | 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 | 1.0140 | 1.3328 | 1.8967 | 1.5322 | 1.9502 | 1.5060 | 1.9266 | 0.9530 |
| | 3.0559 | 2.6896 | 1.9493 | 2.2960 | 1.8749 | 2.3335 | 1.9006 | 3.3593 |
| 9 | 1.3328 | 1.7762 | 1.4712 | 1.9739 | 1.5446 | 1.6855 | 1.9344 | 0.9884 |
| | 2.6896 | 2.0998 | 2.4201 | 1.8602 | 2.2679 | 2.0730 | 1.8784 | 3.3237 |
| 10 | 1.8967 | 1.4686 | 1.5434 | 1.6580 | 1.9455 | 1.6103 | 1.8803 | 0.8982 |
| | 1.9493 | 2.4254 | 2.2937 | 2.1243 | 1.8665 | 2.1244 | 1.8998 | 3.5015 |
| 11 | 1.5322 | 1.9705 | 1.6547 | 1.8510 | 1.5609 | 1.7571 | 1.7281 | 0.8141 |
| | 2.2960 | 1.8632 | 2.1279 | 1.9715 | 2.2069 | 2.0111 | 2.0299 | 3.8886 |
| 12 | 1.9502 | 1.5435 | 1.9433 | 1.5599 | 1.1299 | 1.4521 | 0.9621 | |
| | 1.8749 | 2.2696 | 1.8684 | 2.2084 | 2.4060 | 2.1203 | 3.1498 | |
| 13 | 1.5060 | 1.6851 | 1.6098 | 1.7565 | 1.4512 | 0.8069 | 0.5214 | |
| | 2.3335 | 2.0734 | 2.1249 | 2.0116 | 2.1211 | 3.2678 | 5.4016 | |
| 14 | 1.9266 | 1.9342 | 1.8799 | 1.7275 | 0.9612 | 0.5089 | | |
| | 1.9006 | 1.8787 | 1.9002 | 2.0306 | 3.1514 | 5.3942 | | |
| 15 | 0.9530 | 0.9884 | 0.8979 | 0.8137 | F-SUB-Q | | | |
| | 3.3593 | 3.3238 | 3.5021 | 3.8901 | 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 | 1.0175 | 1.3304 | 1.8596 | 1.5044 | 1.9071 | 1.4794 | 1.8856 | 0.9495 |
| | 3.3631 | 2.9362 | 2.1576 | 2.5358 | 2.0768 | 2.5390 | 2.0699 | 3.5957 |
| 9 | 1.3304 | 1.7436 | 1.4489 | 1.9318 | 1.5172 | 1.6533 | 1.8922 | 0.9871 |
| | 2.9362 | 2.3190 | 2.6633 | 2.0585 | 2.5043 | 2.2645 | 2.0567 | 3.5451 |
| 10 | 1.8596 | 1.4463 | 1.5151 | 1.6294 | 1.9025 | 1.5767 | 1.8362 | 0.9000 |
| | 2.1576 | 2.6692 | 2.5213 | 2.3454 | 2.0726 | 2.3554 | 2.1009 | 3.7520 |
| 11 | 1.5044 | 1.9285 | 1.6261 | 1.8120 | 1.5465 | 1.7165 | 1.6873 | 0.8108 |
| | 2.5358 | 2.0619 | 2.3495 | 2.1893 | 2.4273 | 2.2454 | 2.2631 | 4.2359 |
| 12 | 1.9071 | 1.5161 | 1.9004 | 1.5455 | 1.1282 | 1.4243 | 0.9614 | |
| | 2.0768 | 2.5063 | 2.0747 | 2.4290 | 2.6957 | 2.3799 | 3.4484 | |
| 13 | 1.4794 | 1.6528 | 1.5760 | 1.7160 | 1.4235 | 0.8075 | 0.5218 | |
| | 2.5390 | 2.2650 | 2.3562 | 2.2459 | 2.3808 | 3.6130 | 5.9238 | |
| 14 | 1.8856 | 1.8920 | 1.8358 | 1.6867 | 0.9611 | 0.5096 | | |
| | 2.0699 | 2.0568 | 2.1013 | 2.2637 | 3.4480 | 5.9121 | | |
| 15 | 0.9495 | 0.9871 | 0.8998 | 0.8105 | F-SUB-Q | | | |
| | 3.5957 | 3.5452 | 3.7526 | 4.2372 | 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 | 1.0206 | 1.3145 | 1.8684 | 1.4962 | 1.9100 | 1.4690 | 1.8900 | 0.9306 |
| | 3.6791 | 3.2927 | 2.3746 | 2.8156 | 2.2865 | 2.7946 | 2.2519 | 3.9873 |
| 9 | 1.3145 | 1.7560 | 1.4419 | 1.9413 | 1.5064 | 1.6451 | 1.8959 | 0.9671 |
| | 3.2927 | 2.5482 | 2.9567 | 2.2607 | 2.7845 | 2.4905 | 2.2428 | 3.9355 |
| 10 | 1.8684 | 1.4393 | 1.5080 | 1.6230 | 1.9108 | 1.5666 | 1.8392 | 0.8770 |
| | 2.3746 | 2.9633 | 2.7966 | 2.6023 | 2.2804 | 2.6118 | 2.3064 | 4.2141 |
| 11 | 1.4962 | 1.9381 | 1.6198 | 1.8222 | 1.5311 | 1.7205 | 1.6920 | 0.7933 |
| | 2.8156 | 2.2644 | 2.6069 | 2.4106 | 2.7164 | 2.4789 | 2.4915 | 4.7462 |
| 12 | 1.9100 | 1.5054 | 1.9088 | 1.5302 | 1.1262 | 1.4343 | 0.9423 | |
| | 2.2865 | 2.7866 | 2.2825 | 2.7181 | 2.9802 | 2.6115 | 3.8742 | |
| 13 | 1.4690 | 1.6447 | 1.5660 | 1.7200 | 1.4335 | 0.8065 | 0.5131 | |
| | 2.7946 | 2.4911 | 2.6126 | 2.4794 | 2.6124 | 4.0435 | 6.6623 | |
| 14 | 1.8900 | 1.8957 | 1.8388 | 1.6915 | 0.9419 | 0.5001 | | |
| | 2.2519 | 2.2430 | 2.3067 | 2.4921 | 3.8743 | 6.6630 | | |
| 15 | 0.9306 | 0.9670 | 0.8768 | 0.7930 | F-SUB-Q | | | |
| | 3.9873 | 3.9356 | 4.2147 | 4.7479 | 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 | 1.0202 | 1.3047 | 1.8535 | 1.4781 | 1.8893 | 1.4489 | 1.8680 | 0.9180 |
| | 3.7435 | 3.3646 | 2.5542 | 3.0496 | 2.4965 | 3.1255 | 2.5315 | 4.4811 |
| 9 | 1.3047 | 1.7446 | 1.4269 | 1.9238 | 1.4874 | 1.6234 | 1.8736 | 0.9552 |
| | 3.3646 | 2.6663 | 3.1787 | 2.4691 | 3.0520 | 2.7993 | 2.5210 | 4.4171 |
| 10 | 1.8535 | 1.4243 | 1.4904 | 1.6057 | 1.8932 | 1.5458 | 1.8183 | 0.8660 |
| | 2.5542 | 3.1857 | 3.0426 | 2.8580 | 2.5008 | 2.9365 | 2.5922 | 4.7289 |
| 11 | 1.4781 | 1.9206 | 1.6025 | 1.8078 | 1.5171 | 1.7045 | 1.6761 | 0.7837 |
| | 3.0496 | 2.4718 | 2.8641 | 2.5106 | 2.8025 | 2.6214 | 2.7546 | 5.3513 |
| 12 | 1.8893 | 1.4865 | 1.8913 | 1.5162 | 1.1225 | 1.4273 | 0.9348 | |
| | 2.4965 | 3.0543 | 2.5028 | 2.8035 | 3.1094 | 2.7413 | 4.0656 | |
| 13 | 1.4489 | 1.6229 | 1.5451 | 1.7040 | 1.4266 | 0.8073 | 0.5107 | |
| | 3.1255 | 2.8000 | 2.9376 | 2.6219 | 2.7422 | 4.2566 | 7.0450 | |
| 14 | 1.8680 | 1.8735 | 1.8180 | 1.6756 | 0.9347 | 0.4974 | | |
| | 2.5315 | 2.5212 | 2.5925 | 2.7554 | 4.0646 | 7.0499 | | |
| 15 | 0.9180 | 0.9552 | 0.8658 | 0.7834 | F-SUB-Q | | | |
| | 4.4811 | 4.4172 | 4.7295 | 5.3529 | 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 | 1.0166 | 1.2992 | 1.8193 | 1.4521 | 1.8496 | 1.4209 | 1.8262 | 0.9101 |
| | 3.7991 | 3.3989 | 2.5093 | 2.9947 | 2.4580 | 3.0661 | 2.5003 | 4.3854 |
| 9 | 1.2992 | 1.7142 | 1.4050 | 1.8852 | 1.4661 | 1.5908 | 1.8321 | 0.9471 |
| | 3.3989 | 2.6844 | 3.1133 | 2.4304 | 2.9971 | 2.7498 | 2.4981 | 4.3226 |
| 10 | 1.8193 | 1.4025 | 1.4646 | 1.5794 | 1.8556 | 1.5166 | 1.7794 | 0.8633 |
| | 2.5093 | 3.1201 | 2.9858 | 2.8042 | 2.4943 | 2.8906 | 2.5953 | 4.6486 |
| 11 | 1.4521 | 1.8820 | 1.5762 | 1.7739 | 1.5032 | 1.6723 | 1.6441 | 0.7789 |
| | 2.9947 | 2.4331 | 2.8103 | 2.5846 | 2.8821 | 2.7058 | 2.8425 | 5.3518 |
| 12 | 1.8496 | 1.4645 | 1.8538 | 1.5024 | 1.1164 | 1.4055 | 0.9356 | |
| | 2.4580 | 2.9993 | 2.4967 | 2.8831 | 3.2046 | 2.8307 | 4.1235 | |
| 13 | 1.4209 | 1.5903 | 1.5159 | 1.6719 | 1.4048 | 0.8075 | 0.5125 | |
| | 3.0661 | 2.7505 | 2.8918 | 2.7063 | 2.8316 | 4.3440 | 7.1529 | |
| 14 | 1.8262 | 1.8320 | 1.7792 | 1.6437 | 0.9354 | 0.4995 | | |
| | 2.5003 | 2.4983 | 2.5957 | 2.8433 | 4.1225 | 7.1537 | | |
| 15 | 0.9101 | 0.9471 | 0.8631 | 0.7786 | F-SUB-Q | | | |
| | 4.3854 | 4.3227 | 4.6492 | 5.3535 | 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 | 1.0116 | 1.2868 | 1.8314 | 1.4468 | 1.8548 | 1.4123 | 1.8305 | 0.8918 |
| | 3.6753 | 3.3157 | 2.4269 | 2.9225 | 2.3848 | 2.9969 | 2.4231 | 4.3322 |
| 9 | 1.2868 | 1.7294 | 1.4018 | 1.8979 | 1.4548 | 1.5849 | 1.8369 | 0.9280 |
| | 3.3157 | 2.5898 | 3.0360 | 2.3505 | 2.9316 | 2.6830 | 2.4213 | 4.2779 |
| 10 | 1.8314 | 1.3993 | 1.4614 | 1.5782 | 1.8683 | 1.5114 | 1.7873 | 0.8432 |
| | 2.4269 | 3.0427 | 2.9141 | 2.7342 | 2.4141 | 2.8258 | 2.5160 | 4.6243 |
| 11 | 1.4468 | 1.8947 | 1.5750 | 1.7898 | 1.4937 | 1.6837 | 1.6574 | 0.7654 |
| | 2.9225 | 2.3531 | 2.7402 | 2.5131 | 2.8160 | 2.6325 | 2.7513 | 5.3050 |
| 12 | 1.8548 | 1.4539 | 1.8665 | 1.4930 | 1.1097 | 1.4226 | 0.9234 | |
| | 2.3848 | 2.9337 | 2.4165 | 2.8167 | 3.1247 | 2.7385 | 4.0546 | |
| 13 | 1.4123 | 1.5844 | 1.5107 | 1.6834 | 1.4220 | 0.8072 | 0.5079 | |
| | 2.9969 | 2.6837 | 2.8271 | 2.6329 | 2.7393 | 4.2285 | 6.9302 | |
| 14 | 1.8305 | 1.8367 | 1.7870 | 1.6571 | 0.9232 | 0.4941 | | |
| | 2.4231 | 2.4215 | 2.5163 | 2.7518 | 4.0539 | 6.9439 | | |
| 15 | 0.8918 | 0.9280 | 0.8430 | 0.7651 | F-SUB-Q | | | |
| | 4.3322 | 4.2780 | 4.6249 | 5.3069 | 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 | 1.0171 | 1.2890 | 1.8336 | 1.4399 | 1.8492 | 1.4014 | 1.8224 | 0.8814 |
| | 3.3441 | 3.0147 | 2.2582 | 2.7331 | 2.2342 | 2.8132 | 2.2747 | 4.0594 |
| 9 | 1.2890 | 1.7366 | 1.3983 | 1.8981 | 1.4476 | 1.5747 | 1.8297 | 0.9160 |
| | 3.0147 | 2.3794 | 2.8275 | 2.1962 | 2.7442 | 2.5195 | 2.2728 | 4.0134 |
| 10 | 1.8336 | 1.3958 | 1.4576 | 1.5759 | 1.8711 | 1.5054 | 1.7850 | 0.8330 |
| | 2.2582 | 2.8335 | 2.7145 | 2.5546 | 2.2554 | 2.6460 | 2.3541 | 4.3302 |
| 11 | 1.4399 | 1.8950 | 1.5728 | 1.7982 | 1.4945 | 1.6918 | 1.6646 | 0.7589 |
| | 2.7331 | 2.1984 | 2.5599 | 2.2803 | 2.5636 | 2.3905 | 2.4978 | 4.9386 |
| 12 | 1.8492 | 1.4468 | 1.8693 | 1.4939 | 1.1165 | 1.4409 | 0.9263 | |
| | 2.2342 | 2.7459 | 2.2574 | 2.5641 | 2.8454 | 2.4855 | 3.7037 | |
| 13 | 1.4014 | 1.5742 | 1.5046 | 1.6915 | 1.4402 | 0.8196 | 0.5128 | |
| | 2.8132 | 2.5201 | 2.6471 | 2.3907 | 2.4861 | 3.8577 | 6.3440 | |
| 14 | 1.8224 | 1.8296 | 1.7848 | 1.6643 | 0.9258 | 0.4984 | | |
| | 2.2747 | 2.2729 | 2.3543 | 2.4982 | 3.7040 | 6.3624 | | |
| 15 | 0.8814 | 0.9160 | 0.8328 | 0.7586 | F-SUB-Q | | | |
| | 4.0594 | 4.0135 | 4.3307 | 4.9401 | 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 | 1.0438 | 1.3004 | 1.8363 | 1.4344 | 1.8426 | 1.3920 | 1.8115 | 0.8762 |
| | 3.0388 | 2.7378 | 2.0249 | 2.4602 | 2.0091 | 2.5375 | 2.0493 | 3.6606 |
| 9 | 1.3004 | 1.7483 | 1.3982 | 1.8964 | 1.4447 | 1.5658 | 1.8200 | 0.9140 |
| | 2.7378 | 2.1458 | 2.5399 | 1.9728 | 2.4698 | 2.2710 | 2.0468 | 3.6067 |
| 10 | 1.8363 | 1.3957 | 1.4588 | 1.5777 | 1.8749 | 1.5041 | 1.7820 | 0.8337 |
| | 2.0249 | 2.5453 | 2.4400 | 2.2946 | 2.0244 | 2.3814 | 2.1168 | 3.8846 |
| 11 | 1.4344 | 1.8933 | 1.5746 | 1.8127 | 1.5091 | 1.7092 | 1.6754 | 0.7631 |
| | 2.4602 | 1.9748 | 2.2994 | 2.0841 | 2.3481 | 2.1891 | 2.2837 | 4.4221 |
| 12 | 1.8426 | 1.4432 | 1.8731 | 1.5085 | 1.1481 | 1.4773 | 0.9447 | |
| | 2.0091 | 2.4713 | 2.0262 | 2.3486 | 2.6157 | 2.2821 | 3.3869 | |
| 13 | 1.3920 | 1.5652 | 1.5033 | 1.7090 | 1.4767 | 0.8564 | 0.5289 | |
| | 2.5375 | 2.2716 | 2.3824 | 2.1893 | 2.2827 | 3.5438 | 5.8267 | |
| 14 | 1.8115 | 1.8199 | 1.7818 | 1.6752 | 0.9446 | 0.5139 | | |
| | 2.0493 | 2.0469 | 2.1170 | 2.2839 | 3.3860 | 5.8446 | | |
| 15 | 0.8762 | 0.9140 | 0.8335 | 0.7628 | F-SUB-Q | | | |
| | 3.6606 | 3.6068 | 3.8850 | 4.4234 | 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 | 1.1307 | 1.3255 | 1.8324 | 1.4295 | 1.8281 | 1.3820 | 1.7919 | 0.8793 |
| | 2.9732 | 2.6870 | 1.9955 | 2.4247 | 1.9852 | 2.5051 | 2.0290 | 3.5838 |
| 9 | 1.3255 | 1.7574 | 1.3989 | 1.8855 | 1.4553 | 1.5547 | 1.8019 | 0.9166 |
| | 2.6870 | 2.1124 | 2.4968 | 1.9489 | 2.4256 | 2.2421 | 2.0256 | 3.5271 |
| 10 | 1.8324 | 1.3963 | 1.4607 | 1.5801 | 1.8728 | 1.5040 | 1.7722 | 0.8420 |
| | 1.9955 | 2.5022 | 2.3964 | 2.2558 | 1.9965 | 2.3448 | 2.0905 | 3.7776 |
| 11 | 1.4295 | 1.8822 | 1.5769 | 1.8272 | 1.5377 | 1.7313 | 1.6846 | 0.7720 |
| | 2.4247 | 1.9509 | 2.2606 | 2.0669 | 2.3245 | 2.1717 | 2.2532 | 4.3068 |
| 12 | 1.8281 | 1.4537 | 1.8713 | 1.5371 | 1.2436 | 1.5444 | 0.9799 | |
| | 1.9852 | 2.4284 | 1.9983 | 2.3249 | 2.5925 | 2.2651 | 3.3077 | |
| 13 | 1.3820 | 1.5541 | 1.5032 | 1.7310 | 1.5439 | 0.9398 | 0.5568 | |
| | 2.5051 | 2.2427 | 2.3459 | 2.1719 | 2.2656 | 3.4815 | 5.7062 | |
| 14 | 1.7919 | 1.8018 | 1.7721 | 1.6843 | 0.9799 | 0.5414 | | |
| | 2.0290 | 2.0257 | 2.0907 | 2.2535 | 3.3064 | 5.7198 | | |
| 15 | 0.8793 | 0.9166 | 0.8418 | 0.7717 | F-SUB-Q | | | |
| | 3.5838 | 3.5273 | 3.7780 | 4.3081 | 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 | 1.2150 | 1.3549 | 1.8704 | 1.4387 | 1.8543 | 1.3876 | 1.8155 | 0.8668 |
| | 2.7073 | 2.4295 | 1.8001 | 2.2131 | 1.7979 | 2.2915 | 1.8384 | 3.3347 |
| 9 | 1.3549 | 1.8121 | 1.4132 | 1.9215 | 1.4561 | 1.5668 | 1.8272 | 0.9034 |
| | 2.4295 | 1.8992 | 2.2762 | 1.7591 | 2.2206 | 2.0439 | 1.8341 | 3.2897 |
| 10 | 1.8704 | 1.4107 | 1.4804 | 1.6029 | 1.9200 | 1.5233 | 1.8060 | 0.8285 |
| | 1.8001 | 2.2811 | 2.1871 | 2.0509 | 1.7986 | 2.1342 | 1.8870 | 3.5322 |
| 11 | 1.4387 | 1.9182 | 1.5997 | 1.8923 | 1.5721 | 1.7954 | 1.7355 | 0.7670 |
| | 2.2131 | 1.7612 | 2.0553 | 1.8494 | 2.0980 | 1.9440 | 2.0196 | 3.9975 |
| 12 | 1.8543 | 1.4546 | 1.9186 | 1.5720 | 1.3679 | 1.6741 | 0.9969 | |
| | 1.7979 | 2.2219 | 1.8002 | 2.0983 | 2.3587 | 2.0471 | 3.0523 | |
| 13 | 1.3876 | 1.5662 | 1.5225 | 1.7952 | 1.6737 | 1.0233 | 0.5749 | |
| | 2.2914 | 2.0444 | 2.1352 | 1.9441 | 2.0475 | 3.2149 | 5.3124 | |
| 14 | 1.8155 | 1.8271 | 1.8058 | 1.7352 | 0.9966 | 0.5579 | | |
| | 1.8384 | 1.8342 | 1.8871 | 2.0198 | 3.0521 | 5.3364 | | |
| 15 | 0.8668 | 0.9034 | 0.8283 | 0.7667 | F-SUB-Q | | | |
| | 3.3347 | 3.2898 | 3.5326 | 3.9988 | 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 | 1.2532 | 1.3698 | 1.8755 | 1.4351 | 1.8513 | 1.3824 | 1.8107 | 0.8611 |
| | 2.4939 | 2.2472 | 1.6696 | 2.0643 | 1.6742 | 2.1396 | 1.7133 | 3.1254 |
| 9 | 1.3698 | 1.8324 | 1.4139 | 1.9225 | 1.4568 | 1.5636 | 1.8242 | 0.8981 |
| | 2.2472 | 1.7516 | 2.1172 | 1.6353 | 2.0684 | 1.9046 | 1.7079 | 3.0810 |
| 10 | 1.8755 | 1.4113 | 1.4849 | 1.6079 | 1.9340 | 1.5277 | 1.8102 | 0.8258 |
| | 1.6696 | 2.1218 | 2.0323 | 1.9035 | 1.6664 | 1.9807 | 1.7507 | 3.3003 |
| 11 | 1.4351 | 1.9186 | 1.6046 | 1.9178 | 1.5972 | 1.8235 | 1.7545 | 0.7682 |
| | 2.0643 | 1.6380 | 1.9069 | 1.7150 | 1.9443 | 1.7987 | 1.8567 | 3.7186 |
| 12 | 1.8513 | 1.4553 | 1.9326 | 1.5971 | 1.4327 | 1.7376 | 1.0160 | |
| | 1.6742 | 2.0696 | 1.6679 | 1.9446 | 2.1587 | 1.8730 | 2.8215 | |
| 13 | 1.3824 | 1.5630 | 1.5268 | 1.8233 | 1.7371 | 1.0726 | 0.5915 | |
| | 2.1396 | 1.9052 | 1.9817 | 1.7988 | 1.8734 | 2.9420 | 4.8910 | |
| 14 | 1.8107 | 1.8240 | 1.8100 | 1.7543 | 1.0157 | 0.5738 | | |
| | 1.7133 | 1.7079 | 1.7508 | 1.8569 | 2.8213 | 4.9149 | | |
| 15 | 0.8611 | 0.8981 | 0.8256 | 0.7679 | F-SUB-Q | | | |
| | 3.1254 | 3.0812 | 3.3007 | 3.7199 | 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 | 1.2600 | 1.3551 | 1.8302 | 1.4093 | 1.8035 | 1.3579 | 1.7627 | 0.8587 |
| | 2.3540 | 2.1135 | 1.6055 | 1.9793 | 1.6161 | 2.0512 | 1.6559 | 2.9609 |
| 9 | 1.3551 | 1.7946 | 1.3915 | 1.8698 | 1.4482 | 1.5355 | 1.7794 | 0.8965 |
| | 2.1135 | 1.6677 | 2.0214 | 1.5799 | 1.9626 | 1.8254 | 1.6486 | 2.9102 |
| 10 | 1.8302 | 1.3897 | 1.4719 | 1.5831 | 1.8898 | 1.5061 | 1.7688 | 0.8296 |
| | 1.6055 | 2.0258 | 1.9348 | 1.8150 | 1.6027 | 1.8867 | 1.6834 | 3.0953 |
| 11 | 1.4093 | 1.8658 | 1.5798 | 1.8829 | 1.5837 | 1.7970 | 1.7223 | 0.7713 |
| | 1.9793 | 1.5824 | 1.8184 | 1.6284 | 1.8327 | 1.7059 | 1.7684 | 3.4840 |
| 12 | 1.8035 | 1.4466 | 1.8883 | 1.5836 | 1.4334 | 1.7245 | 1.0313 | |
| | 1.6161 | 1.9650 | 1.6044 | 1.8336 | 2.0636 | 1.8017 | 2.6305 | |
| 13 | 1.3579 | 1.5349 | 1.5053 | 1.7968 | 1.7240 | 1.0890 | 0.6032 | |
| | 2.0512 | 1.8260 | 1.8877 | 1.7061 | 1.8021 | 2.7759 | 4.5915 | |
| 14 | 1.7627 | 1.7792 | 1.7686 | 1.7220 | 1.0312 | 0.5857 | | |
| | 1.6559 | 1.6487 | 1.6836 | 1.7686 | 2.6296 | 4.6101 | | |
| 15 | 0.8587 | 0.8964 | 0.8294 | 0.7710 | F-SUB-Q | | | |
| | 2.9609 | 2.9103 | 3.0957 | 3.4852 | 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 | 1.2261 | 1.3241 | 1.7870 | 1.3723 | 1.7612 | 1.3262 | 1.7226 | 0.8227 |
| | 2.2539 | 2.0420 | 1.5569 | 1.9304 | 1.5721 | 1.9990 | 1.6117 | 2.9409 |
| 9 | 1.3241 | 1.7568 | 1.3561 | 1.8237 | 1.3976 | 1.5038 | 1.7416 | 0.8597 |
| | 2.0420 | 1.6074 | 1.9666 | 1.5368 | 1.9246 | 1.7727 | 1.6030 | 2.8924 |
| 10 | 1.7870 | 1.3544 | 1.4361 | 1.5472 | 1.8480 | 1.4759 | 1.7328 | 0.7937 |
| | 1.5569 | 1.9696 | 1.8723 | 1.7585 | 1.5510 | 1.8234 | 1.6304 | 3.0801 |
| 11 | 1.3723 | 1.8197 | 1.5439 | 1.8414 | 1.5540 | 1.7680 | 1.6901 | 0.7419 |
| | 1.9304 | 1.5395 | 1.7619 | 1.5704 | 1.7635 | 1.6354 | 1.7058 | 3.4395 |
| 12 | 1.7612 | 1.3960 | 1.8465 | 1.5539 | 1.4154 | 1.7005 | 0.9961 | |
| | 1.5721 | 1.9258 | 1.5525 | 1.7639 | 1.9674 | 1.7201 | 2.5647 | |
| 13 | 1.3262 | 1.5032 | 1.4750 | 1.7677 | 1.7000 | 1.0617 | 0.5842 | |
| | 1.9990 | 1.7732 | 1.8245 | 1.6356 | 1.7205 | 2.7057 | 4.4936 | |
| 14 | 1.7226 | 1.7413 | 1.7325 | 1.6898 | 0.9953 | 0.5666 | | |
| | 1.6117 | 1.6032 | 1.6306 | 1.7061 | 2.5658 | 4.5160 | | |
| 15 | 0.8227 | 0.8597 | 0.7936 | 0.7416 | F-SUB-Q | | | |
| | 2.9409 | 2.8925 | 3.0805 | 3.4410 | 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 | 1.1424 | 1.2274 | 1.6280 | 1.2698 | 1.6088 | 1.2311 | 1.5725 | 0.7609 |
| | 2.3086 | 2.0939 | 1.6356 | 2.0025 | 1.6520 | 2.0720 | 1.6979 | 3.0663 |
| 9 | 1.2274 | 1.6033 | 1.2559 | 1.6613 | 1.2918 | 1.3920 | 1.5914 | 0.7928 |
| | 2.0939 | 1.6736 | 2.0338 | 1.6166 | 1.9906 | 1.8415 | 1.6871 | 3.0241 |
| 10 | 1.6280 | 1.2541 | 1.3368 | 1.4340 | 1.6870 | 1.3735 | 1.5832 | 0.7333 |
| | 1.6356 | 2.0375 | 1.9262 | 1.8150 | 1.6222 | 1.8771 | 1.7117 | 3.2109 |
| 11 | 1.2698 | 1.6577 | 1.4308 | 1.6825 | 1.4420 | 1.6223 | 1.5427 | 0.6848 |
| | 2.0025 | 1.6200 | 1.8188 | 1.6402 | 1.8173 | 1.7049 | 1.7847 | 3.5807 |
| 12 | 1.6088 | 1.2911 | 1.6855 | 1.4418 | 1.3191 | 1.5572 | 0.9251 | |
| | 1.6520 | 1.9919 | 1.6235 | 1.8177 | 2.0105 | 1.7899 | 2.6442 | |
| 13 | 1.2311 | 1.3915 | 1.3726 | 1.6221 | 1.5567 | 0.9809 | 0.5440 | |
| | 2.0720 | 1.8421 | 1.8782 | 1.7051 | 1.7904 | 2.7879 | 4.6130 | |
| 14 | 1.5725 | 1.5912 | 1.5829 | 1.5423 | 0.9242 | 0.5275 | | |
| | 1.6979 | 1.6872 | 1.7119 | 1.7851 | 2.6460 | 4.6383 | | |
| 15 | 0.7609 | 0.7928 | 0.7332 | 0.6845 | F-SUB-Q | | | |
| | 3.0663 | 3.0242 | 3.2113 | 3.5822 | 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 | 0.9368 | 1.0057 | 1.3132 | 1.0365 | 1.2980 | 1.0067 | 1.2628 | 0.6222 |
| | 2.7012 | 2.4620 | 1.9593 | 2.3761 | 1.9830 | 2.4588 | 2.0509 | 3.6480 |
| 9 | 1.0057 | 1.3102 | 1.0291 | 1.3632 | 1.0620 | 1.1307 | 1.2771 | 0.6457 |
| | 2.4620 | 1.9717 | 2.4006 | 1.9045 | 2.3423 | 2.1989 | 2.0377 | 3.6113 |
| 10 | 1.3132 | 1.0275 | 1.0989 | 1.1785 | 1.3833 | 1.1278 | 1.2697 | 0.5975 |
| | 1.9593 | 2.4048 | 2.2653 | 2.1336 | 1.9068 | 2.2129 | 2.0661 | 3.8337 |
| 11 | 1.0365 | 1.3607 | 1.1760 | 1.3795 | 1.1818 | 1.3025 | 1.2339 | 0.5571 |
| | 2.3761 | 1.9079 | 2.1378 | 1.9214 | 2.1306 | 2.0438 | 2.1554 | 4.2710 |
| 12 | 1.2980 | 1.0614 | 1.3822 | 1.1817 | 1.0639 | 1.2534 | 0.7577 | |
| | 1.9830 | 2.3440 | 1.9082 | 2.1311 | 2.4109 | 2.1501 | 3.1283 | |
| 13 | 1.0067 | 1.1303 | 1.1271 | 1.3023 | 1.2531 | 0.7873 | 0.4487 | |
| | 2.4588 | 2.1996 | 2.2143 | 2.0441 | 2.1506 | 3.3617 | 5.4239 | |
| 14 | 1.2628 | 1.2769 | 1.2695 | 1.2336 | 0.7568 | 0.4353 | | |
| | 2.0509 | 2.0378 | 2.0664 | 2.1559 | 3.1309 | 5.4502 | | |
| 15 | 0.6222 | 0.6456 | 0.5973 | 0.5569 | F-SUB-Q | | | |
| | 3.6480 | 3.6114 | 3.8342 | 4.2728 | 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 | 0.4290 | 0.4586 | 0.5525 | 0.4733 | 0.5474 | 0.4467 | 0.4988 | 0.2721 |
| | 5.7068 | 5.2335 | 4.5174 | 5.0508 | 4.5664 | 5.3731 | 5.0440 | 8.1204 |
| 9 | 0.4586 | 0.5360 | 0.4694 | 0.5647 | 0.4858 | 0.4714 | 0.5033 | 0.2794 |
| | 5.2335 | 4.6629 | 5.1086 | 4.4566 | 4.9667 | 5.1177 | 5.0150 | 8.1249 |
| 10 | 0.5525 | 0.4687 | 0.4714 | 0.5172 | 0.5726 | 0.4796 | 0.4999 | 0.2632 |
| | 4.5174 | 5.1171 | 5.1145 | 4.7102 | 4.4552 | 5.0356 | 5.0922 | 8.4598 |
| 11 | 0.4733 | 0.5638 | 0.5162 | 0.5711 | 0.5024 | 0.5438 | 0.4811 | 0.2407 |
| | 5.0508 | 4.4639 | 4.7188 | 4.4803 | 4.8425 | 4.7389 | 5.3564 | 9.6112 |
| 12 | 0.5474 | 0.4855 | 0.5722 | 0.5023 | 0.4461 | 0.4945 | 0.3315 | |
| | 4.5664 | 4.9706 | 4.4585 | 4.8441 | 5.5337 | 5.2757 | 6.9246 | |
| 13 | 0.4467 | 0.4713 | 0.4793 | 0.5437 | 0.4943 | 0.3527 | 0.1974 | |
| | 5.3731 | 5.1190 | 5.0387 | 4.7400 | 5.2773 | 7.2949 | 12.0118 | |
| 14 | 0.4988 | 0.5032 | 0.4998 | 0.4809 | 0.3311 | 0.1942 | | |
| | 5.0440 | 5.0156 | 5.0932 | 5.3581 | 6.9308 | 11.9024 | | |
| 15 | 0.2721 | 0.2794 | 0.2632 | 0.2406 | F-SUB-Q | | | |
| | 8.1204 | 8.1251 | 8.4607 | 9.6152 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3991 | 0.5144 | 0.6550 | 0.6114 | 0.7018 | 0.5603 | 0.4786 | 0.2592 |
| | 4.3425 | 4.4155 | 3.7626 | 3.8277 | 3.6121 | 3.9723 | 3.9209 | 5.5384 |
| 9 | 0.5144 | 0.5829 | 0.5512 | 0.6930 | 0.6273 | 0.6030 | 0.6000 | 0.3427 |
| | 4.4155 | 4.0402 | 4.0354 | 3.6239 | 3.7552 | 3.8203 | 3.9169 | 5.6043 |
| 10 | 0.6550 | 0.5510 | 0.4732 | 0.6246 | 0.7029 | 0.6266 | 0.6404 | 0.3491 |
| | 3.7626 | 4.0403 | 3.9576 | 3.6948 | 3.5975 | 3.6930 | 3.9195 | 5.8556 |
| 11 | 0.6114 | 0.6928 | 0.6241 | 0.6543 | 0.6005 | 0.6732 | 0.6226 | 0.3391 |
| | 3.8277 | 3.6260 | 3.6997 | 3.8228 | 3.8163 | 3.7059 | 4.0001 | 6.3424 |
| 12 | 0.7018 | 0.6272 | 0.7028 | 0.6004 | 0.4453 | 0.5514 | 0.4225 | |
| | 3.6121 | 3.7562 | 3.5978 | 3.8170 | 4.0930 | 4.1878 | 4.8334 | |
| 13 | 0.5603 | 0.6029 | 0.6265 | 0.6731 | 0.5511 | 0.3666 | 0.2570 | |
| | 3.9723 | 3.8209 | 3.6935 | 3.7064 | 4.1893 | 5.3512 | 8.1117 | |
| 14 | 0.4786 | 0.6000 | 0.6403 | 0.6224 | 0.4221 | 0.2504 | | |
| | 3.9209 | 3.9171 | 3.9200 | 4.0012 | 4.8324 | 8.1087 | | |
| 15 | 0.2592 | 0.3427 | 0.3490 | 0.3390 | F-SUB-Q | | | |
| | 5.5384 | 5.6043 | 5.8556 | 6.3442 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.7464 | 0.9802 | 1.3062 | 1.1608 | 1.3937 | 1.0858 | 0.9858 | 0.5217 |
| | 2.5059 | 2.3845 | 1.9406 | 2.0751 | 1.8712 | 2.0963 | 1.9034 | 2.8136 |
| 9 | 0.9802 | 1.1979 | 1.0512 | 1.4052 | 1.1900 | 1.2184 | 1.2698 | 0.6949 |
| | 2.3845 | 2.0226 | 2.1710 | 1.8294 | 2.0369 | 1.9147 | 1.8979 | 2.8486 |
| 10 | 1.3062 | 1.0505 | 0.9397 | 1.2191 | 1.4363 | 1.2682 | 1.3623 | 0.7083 |
| | 1.9406 | 2.1739 | 2.0330 | 1.9402 | 1.8393 | 1.9089 | 1.9253 | 2.9902 |
| 11 | 1.1608 | 1.4050 | 1.2182 | 1.3327 | 1.2127 | 1.3555 | 1.3331 | 0.6911 |
| | 2.0751 | 1.8313 | 1.9429 | 1.9115 | 1.9453 | 1.9283 | 1.9572 | 3.2615 |
| 12 | 1.3937 | 1.1900 | 1.4362 | 1.2126 | 0.9000 | 1.1683 | 0.8459 | |
| | 1.8712 | 2.0380 | 1.8406 | 1.9459 | 2.0685 | 2.0074 | 2.5294 | |
| 13 | 1.0858 | 1.2183 | 1.2681 | 1.3554 | 1.1677 | 0.7176 | 0.5135 | |
| | 2.0963 | 1.9150 | 1.9091 | 1.9285 | 2.0080 | 2.8228 | 4.1461 | |
| 14 | 0.9858 | 1.2698 | 1.3621 | 1.3328 | 0.8450 | 0.5005 | | |
| | 1.9034 | 1.8980 | 1.9255 | 1.9576 | 2.5291 | 4.1421 | | |
| 15 | 0.5217 | 0.6948 | 0.7081 | 0.6909 | F-SUB-Q | | | |
| | 2.8136 | 2.8486 | 2.9902 | 3.2622 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8767 | 1.1390 | 1.5440 | 1.3463 | 1.6386 | 1.2524 | 1.1791 | 0.6302 |
| | 2.2739 | 2.0999 | 1.6806 | 1.8319 | 1.6286 | 1.8534 | 1.6410 | 2.4237 |
| 9 | 1.1390 | 1.3903 | 1.2391 | 1.6304 | 1.3719 | 1.3946 | 1.4957 | 0.8320 |
| | 2.0999 | 1.7800 | 1.9115 | 1.6119 | 1.8085 | 1.6762 | 1.6335 | 2.4247 |
| 10 | 1.5440 | 1.2389 | 1.1130 | 1.4081 | 1.6657 | 1.4602 | 1.6036 | 0.8350 |
| | 1.6806 | 1.9143 | 1.7962 | 1.7202 | 1.6244 | 1.7061 | 1.6696 | 2.5453 |
| 11 | 1.3463 | 1.6300 | 1.4071 | 1.5361 | 1.4019 | 1.5914 | 1.5695 | 0.8231 |
| | 1.8319 | 1.6137 | 1.7227 | 1.6795 | 1.7186 | 1.6860 | 1.7049 | 2.8135 |
| 12 | 1.6386 | 1.3719 | 1.6656 | 1.4018 | 1.0575 | 1.3687 | 0.9995 | |
| | 1.6286 | 1.8096 | 1.6255 | 1.7192 | 1.8247 | 1.7457 | 2.1967 | |
| 13 | 1.2524 | 1.3945 | 1.4603 | 1.5913 | 1.3681 | 0.8403 | 0.5989 | |
| | 1.8534 | 1.6763 | 1.7062 | 1.6861 | 1.7462 | 2.4067 | 3.6100 | |
| 14 | 1.1791 | 1.4957 | 1.6034 | 1.5692 | 0.9988 | 0.5872 | | |
| | 1.6410 | 1.6336 | 1.6698 | 1.7052 | 2.1957 | 3.5853 | | |
| 15 | 0.6302 | 0.8320 | 0.8348 | 0.8229 | F-SUB-Q | | | |
| | 2.4237 | 2.4246 | 2.5453 | 2.8140 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9205 | 1.2058 | 1.6758 | 1.4279 | 1.7692 | 1.3191 | 1.2735 | 0.6638 |
| | 2.2335 | 2.0516 | 1.5987 | 1.7813 | 1.5546 | 1.8004 | 1.5515 | 2.3705 |
| 9 | 1.2058 | 1.5140 | 1.3109 | 1.7735 | 1.4499 | 1.4705 | 1.6223 | 0.8701 |
| | 2.0516 | 1.6906 | 1.8585 | 1.5282 | 1.7633 | 1.6197 | 1.5468 | 2.3728 |
| 10 | 1.6758 | 1.3107 | 1.1738 | 1.4953 | 1.8011 | 1.5424 | 1.7362 | 0.8737 |
| | 1.5987 | 1.8614 | 1.7504 | 1.6702 | 1.5409 | 1.6594 | 1.5842 | 2.5162 |
| 11 | 1.4279 | 1.7732 | 1.4943 | 1.6668 | 1.4818 | 1.7099 | 1.6987 | 0.8587 |
| | 1.7813 | 1.5299 | 1.6724 | 1.5930 | 1.6679 | 1.6076 | 1.6163 | 2.7716 |
| 12 | 1.7692 | 1.4499 | 1.8010 | 1.4817 | 1.1057 | 1.4760 | 1.0351 | |
| | 1.5546 | 1.7644 | 1.5419 | 1.6686 | 1.7801 | 1.6604 | 2.1768 | |
| 13 | 1.3191 | 1.4705 | 1.5426 | 1.7097 | 1.4754 | 0.8815 | 0.6160 | |
| | 1.8004 | 1.6198 | 1.6594 | 1.6077 | 1.6609 | 2.3521 | 3.5940 | |
| 14 | 1.2735 | 1.6223 | 1.7362 | 1.6984 | 1.0348 | 0.6042 | | |
| | 1.5515 | 1.5468 | 1.5843 | 1.6165 | 2.1752 | 3.5677 | | |
| 15 | 0.6638 | 0.8701 | 0.8735 | 0.8585 | F-SUB-Q | | | |
| | 2.3705 | 2.3727 | 2.5162 | 2.7721 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9323 | 1.2230 | 1.7062 | 1.4396 | 1.7925 | 1.3279 | 1.3029 | 0.6812 |
| | 2.3251 | 2.1189 | 1.6433 | 1.8427 | 1.5992 | 1.8676 | 1.5926 | 2.4475 |
| 9 | 1.2230 | 1.5448 | 1.3342 | 1.8061 | 1.4586 | 1.4729 | 1.6503 | 0.8840 |
| | 2.1189 | 1.7407 | 1.9239 | 1.5659 | 1.8241 | 1.6778 | 1.5890 | 2.4450 |
| 10 | 1.7062 | 1.3340 | 1.1903 | 1.5138 | 1.8263 | 1.5443 | 1.7552 | 0.8819 |
| | 1.6433 | 1.9268 | 1.8215 | 1.7234 | 1.5775 | 1.7193 | 1.6232 | 2.5919 |
| 11 | 1.4396 | 1.8059 | 1.5129 | 1.6929 | 1.4860 | 1.7209 | 1.7152 | 0.8651 |
| | 1.8427 | 1.5676 | 1.7257 | 1.6346 | 1.7269 | 1.6515 | 1.6553 | 2.8504 |
| 12 | 1.7925 | 1.4587 | 1.8261 | 1.4859 | 1.1087 | 1.4843 | 1.0376 | |
| | 1.5992 | 1.8251 | 1.5783 | 1.7275 | 1.8526 | 1.7088 | 2.2462 | |
| 13 | 1.3279 | 1.4729 | 1.5447 | 1.7208 | 1.4838 | 0.8827 | 0.6138 | |
| | 1.8676 | 1.6779 | 1.7193 | 1.6515 | 1.7092 | 2.4282 | 3.7277 | |
| 14 | 1.3029 | 1.6503 | 1.7552 | 1.7150 | 1.0373 | 0.6022 | | |
| | 1.5926 | 1.5890 | 1.6232 | 1.6555 | 2.2442 | 3.7000 | | |
| 15 | 0.6812 | 0.8840 | 0.8817 | 0.8650 | F-SUB-Q | | | |
| | 2.4475 | 2.4448 | 2.5918 | 2.8507 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9387 | 1.2327 | 1.7131 | 1.4361 | 1.7902 | 1.3311 | 1.3352 | 0.7093 |
| | 2.4581 | 2.2263 | 1.7300 | 1.9384 | 1.6788 | 1.9757 | 1.6791 | 2.5742 |
| 9 | 1.2327 | 1.5574 | 1.3484 | 1.8104 | 1.4524 | 1.4720 | 1.6618 | 0.8948 |
| | 2.2263 | 1.8375 | 2.0331 | 1.6446 | 1.9164 | 1.7728 | 1.6745 | 2.5680 |
| 10 | 1.7131 | 1.3482 | 1.2061 | 1.5210 | 1.8207 | 1.5300 | 1.7429 | 0.8840 |
| | 1.7300 | 2.0345 | 1.9328 | 1.8114 | 1.6489 | 1.8077 | 1.7003 | 2.7118 |
| 11 | 1.4361 | 1.8102 | 1.5200 | 1.6920 | 1.4741 | 1.6997 | 1.6963 | 0.8624 |
| | 1.9384 | 1.6461 | 1.8135 | 1.7244 | 1.8287 | 1.7488 | 1.7499 | 2.9961 |
| 12 | 1.7902 | 1.4525 | 1.8204 | 1.4739 | 1.1002 | 1.4616 | 1.0287 | |
| | 1.6788 | 1.9172 | 1.6496 | 1.8293 | 1.9742 | 1.8142 | 2.3697 | |
| 13 | 1.3311 | 1.4720 | 1.5303 | 1.6997 | 1.4611 | 0.8708 | 0.6057 | |
| | 1.9757 | 1.7729 | 1.8075 | 1.7487 | 1.8146 | 2.5735 | 3.9482 | |
| 14 | 1.3352 | 1.6619 | 1.7429 | 1.6961 | 1.0285 | 0.5941 | | |
| | 1.6791 | 1.6745 | 1.7002 | 1.7500 | 2.3675 | 3.9197 | | |
| 15 | 0.7093 | 0.8948 | 0.8838 | 0.8623 | F-SUB-Q | | | |
| | 2.5742 | 2.5678 | 2.7117 | 2.9963 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9433 | 1.2434 | 1.7419 | 1.4434 | 1.8075 | 1.3537 | 1.4418 | 0.7763 |
| | 2.6026 | 2.3485 | 1.8075 | 2.0412 | 1.7586 | 2.0777 | 1.7596 | 2.7383 |
| 9 | 1.2434 | 1.5960 | 1.3605 | 1.8386 | 1.4570 | 1.4967 | 1.7112 | 0.9072 |
| | 2.3485 | 1.9192 | 2.1334 | 1.7158 | 2.0218 | 1.8588 | 1.7496 | 2.7260 |
| 10 | 1.7419 | 1.3602 | 1.2718 | 1.5308 | 1.8372 | 1.5281 | 1.7544 | 0.8845 |
| | 1.8075 | 2.1366 | 2.0295 | 1.9041 | 1.7281 | 1.9102 | 1.7761 | 2.8619 |
| 11 | 1.4434 | 1.8383 | 1.5296 | 1.7151 | 1.4738 | 1.6922 | 1.6926 | 0.8534 |
| | 2.0412 | 1.7174 | 1.9065 | 1.8161 | 1.9405 | 1.8594 | 1.8555 | 3.2025 |
| 12 | 1.8075 | 1.4570 | 1.8369 | 1.4735 | 1.0875 | 1.4488 | 1.0069 | |
| | 1.7586 | 2.0226 | 1.7289 | 1.9411 | 2.1102 | 1.9243 | 2.5635 | |
| 13 | 1.3537 | 1.4967 | 1.5283 | 1.6922 | 1.4483 | 0.8523 | 0.5903 | |
| | 2.0777 | 1.8589 | 1.9100 | 1.8593 | 1.9247 | 2.7565 | 4.2496 | |
| 14 | 1.4418 | 1.7113 | 1.7545 | 1.6925 | 1.0069 | 0.5784 | | |
| | 1.7596 | 1.7495 | 1.7760 | 1.8555 | 2.5609 | 4.2236 | | |
| 15 | 0.7763 | 0.9072 | 0.8844 | 0.8534 | F-SUB-Q | | | |
| | 2.7383 | 2.7258 | 2.8617 | 3.2027 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9525 | 1.2621 | 1.7691 | 1.4532 | 1.8225 | 1.3839 | 1.6589 | 0.8770 |
| | 2.7964 | 2.5239 | 1.9363 | 2.1942 | 1.8854 | 2.2129 | 1.8623 | 2.9009 |
| 9 | 1.2621 | 1.6376 | 1.3820 | 1.8633 | 1.4647 | 1.5290 | 1.7672 | 0.9292 |
| | 2.5239 | 2.0531 | 2.2907 | 1.8373 | 2.1755 | 1.9825 | 1.8571 | 2.8910 |
| 10 | 1.7691 | 1.3815 | 1.3786 | 1.5498 | 1.8502 | 1.5277 | 1.7741 | 0.8961 |
| | 1.9363 | 2.2942 | 2.1800 | 2.0480 | 1.8489 | 2.0447 | 1.9013 | 3.0650 |
| 11 | 1.4532 | 1.8628 | 1.5482 | 1.7372 | 1.4811 | 1.6803 | 1.6833 | 0.8498 |
| | 2.1942 | 1.8391 | 2.0506 | 1.9459 | 2.0856 | 2.0055 | 1.9961 | 3.4238 |
| 12 | 1.8225 | 1.4645 | 1.8497 | 1.4807 | 1.0797 | 1.4314 | 0.9922 | |
| | 1.8854 | 2.1760 | 1.8495 | 2.0862 | 2.2639 | 2.0586 | 2.7643 | |
| 13 | 1.3839 | 1.5290 | 1.5279 | 1.6803 | 1.4309 | 0.8372 | 0.5791 | |
| | 2.2129 | 1.9826 | 2.0444 | 2.0054 | 2.0589 | 2.9630 | 4.5662 | |
| 14 | 1.6589 | 1.7673 | 1.7743 | 1.6833 | 0.9922 | 0.5669 | | |
| | 1.8623 | 1.8570 | 1.9012 | 1.9961 | 2.7612 | 4.5422 | | |
| 15 | 0.8770 | 0.9292 | 0.8961 | 0.8498 | F-SUB-Q | | | |
| | 2.9009 | 2.8907 | 3.0648 | 3.4239 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9606 | 1.2776 | 1.7977 | 1.4642 | 1.8420 | 1.4113 | 1.7957 | 0.9367 |
| | 3.0496 | 2.7427 | 2.0819 | 2.3601 | 2.0190 | 2.4005 | 2.0084 | 3.1495 |
| 9 | 1.2776 | 1.6891 | 1.4033 | 1.8905 | 1.4744 | 1.5786 | 1.8159 | 0.9738 |
| | 2.7427 | 2.2200 | 2.4765 | 1.9691 | 2.3398 | 2.1477 | 2.0059 | 3.1440 |
| 10 | 1.7977 | 1.4016 | 1.4497 | 1.5685 | 1.8688 | 1.5314 | 1.7963 | 0.9071 |
| | 2.0819 | 2.4800 | 2.3663 | 2.2018 | 1.9820 | 2.2043 | 2.0293 | 3.3221 |
| 11 | 1.4642 | 1.8897 | 1.5667 | 1.7687 | 1.4851 | 1.6754 | 1.6812 | 0.8440 |
| | 2.3601 | 1.9704 | 2.2044 | 2.0941 | 2.2705 | 2.1762 | 2.1601 | 3.7201 |
| 12 | 1.8420 | 1.4742 | 1.8679 | 1.4848 | 1.0725 | 1.4211 | 0.9768 | |
| | 2.0190 | 2.3405 | 1.9827 | 2.2710 | 2.4664 | 2.2298 | 3.0208 | |
| 13 | 1.4113 | 1.5785 | 1.5315 | 1.6754 | 1.4206 | 0.8237 | 0.5685 | |
| | 2.4005 | 2.1478 | 2.2041 | 2.1761 | 2.2301 | 3.2281 | 4.9812 | |
| 14 | 1.7957 | 1.8160 | 1.7965 | 1.6812 | 0.9769 | 0.5559 | | |
| | 2.0084 | 2.0058 | 2.0291 | 2.1600 | 3.0173 | 4.9602 | | |
| 15 | 0.9367 | 0.9738 | 0.9071 | 0.8438 | F-SUB-Q | | | |
| | 3.1495 | 3.1438 | 3.3218 | 3.7205 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9690 | 1.2934 | 1.7849 | 1.4571 | 1.8234 | 1.4237 | 1.8139 | 0.9701 |
| | 3.3543 | 2.9824 | 2.3034 | 2.6008 | 2.2344 | 2.6149 | 2.1999 | 3.3864 |
| 9 | 1.2934 | 1.6855 | 1.4129 | 1.8721 | 1.4761 | 1.5847 | 1.8198 | 1.0058 |
| | 2.9824 | 2.4495 | 2.7076 | 2.1799 | 2.5662 | 2.3417 | 2.1924 | 3.3736 |
| 10 | 1.7849 | 1.4123 | 1.4544 | 1.5671 | 1.8463 | 1.5142 | 1.7770 | 0.9274 |
| | 2.3034 | 2.7092 | 2.6001 | 2.4238 | 2.2014 | 2.4439 | 2.2429 | 3.5497 |
| 11 | 1.4571 | 1.8714 | 1.5654 | 1.7514 | 1.4860 | 1.6431 | 1.6482 | 0.8477 |
| | 2.6008 | 2.1814 | 2.4263 | 2.3254 | 2.5049 | 2.4344 | 2.4140 | 4.0497 |
| 12 | 1.8234 | 1.4753 | 1.8454 | 1.4856 | 1.0692 | 1.3888 | 0.9780 | |
| | 2.2344 | 2.5680 | 2.2024 | 2.5058 | 2.7490 | 2.4896 | 3.2891 | |
| 13 | 1.4237 | 1.5845 | 1.5142 | 1.6432 | 1.3884 | 0.8168 | 0.5677 | |
| | 2.6149 | 2.3419 | 2.4438 | 2.4342 | 2.4900 | 3.5446 | 5.4229 | |
| 14 | 1.8139 | 1.8199 | 1.7772 | 1.6483 | 0.9780 | 0.5548 | | |
| | 2.1999 | 2.1922 | 2.2427 | 2.4140 | 3.2856 | 5.4035 | | |
| 15 | 0.9701 | 1.0059 | 0.9274 | 0.8477 | F-SUB-Q | | | |
| | 3.3864 | 3.3733 | 3.5493 | 4.0497 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9641 | 1.2843 | 1.8043 | 1.4580 | 1.8387 | 1.4341 | 1.8454 | 0.9668 |
| | 3.6839 | 3.3317 | 2.5354 | 2.8874 | 2.4590 | 2.8722 | 2.3910 | 3.7497 |
| 9 | 1.2843 | 1.7083 | 1.4066 | 1.8933 | 1.4643 | 1.5963 | 1.8470 | 1.0038 |
| | 3.3317 | 2.6913 | 3.0216 | 2.3953 | 2.8692 | 2.5720 | 2.3886 | 3.7328 |
| 10 | 1.8043 | 1.4048 | 1.4604 | 1.5629 | 1.8618 | 1.5130 | 1.7930 | 0.9123 |
| | 2.5354 | 3.0260 | 2.8816 | 2.6973 | 2.4248 | 2.7065 | 2.4609 | 3.9872 |
| 11 | 1.4580 | 1.8924 | 1.5608 | 1.7678 | 1.4728 | 1.6472 | 1.6564 | 0.8344 |
| | 2.8874 | 2.3964 | 2.7005 | 2.5624 | 2.7726 | 2.6909 | 2.6579 | 4.5479 |
| 12 | 1.8387 | 1.4641 | 1.8609 | 1.4725 | 1.0549 | 1.3922 | 0.9563 | |
| | 2.4590 | 2.8700 | 2.4259 | 2.7730 | 3.0291 | 2.7252 | 3.6814 | |
| 13 | 1.4341 | 1.5961 | 1.5130 | 1.6473 | 1.3918 | 0.8046 | 0.5548 | |
| | 2.8722 | 2.5721 | 2.7072 | 2.6907 | 2.7256 | 3.9553 | 6.0840 | |
| 14 | 1.8454 | 1.8471 | 1.7932 | 1.6564 | 0.9564 | 0.5418 | | |
| | 2.3910 | 2.3884 | 2.4605 | 2.6578 | 3.6769 | 6.0667 | | |
| 15 | 0.9668 | 1.0039 | 0.9123 | 0.8343 | F-SUB-Q | | | |
| | 3.7497 | 3.7325 | 3.9867 | 4.5480 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9659 | 1.2800 | 1.7965 | 1.4472 | 1.8274 | 1.4262 | 1.8393 | 0.9638 |
| | 3.7205 | 3.3609 | 2.7146 | 3.1032 | 2.6607 | 3.1596 | 2.6541 | 4.1590 |
| 9 | 1.2800 | 1.7034 | 1.3980 | 1.8832 | 1.4519 | 1.5868 | 1.8392 | 1.0006 |
| | 3.3609 | 2.7560 | 3.2293 | 2.5968 | 3.1174 | 2.8448 | 2.6538 | 4.1436 |
| 10 | 1.7965 | 1.3962 | 1.4503 | 1.5515 | 1.8498 | 1.4984 | 1.7806 | 0.9074 |
| | 2.7146 | 3.2339 | 3.0833 | 2.9122 | 2.6105 | 2.9782 | 2.7399 | 4.4306 |
| 11 | 1.4472 | 1.8823 | 1.5491 | 1.7569 | 1.4621 | 1.6325 | 1.6425 | 0.8272 |
| | 3.1032 | 2.5978 | 2.9157 | 2.6265 | 2.8468 | 2.7789 | 2.8548 | 5.0722 |
| 12 | 1.8274 | 1.4517 | 1.8490 | 1.4618 | 1.0504 | 1.3829 | 0.9484 | |
| | 2.6607 | 3.1182 | 2.6112 | 2.8472 | 3.1469 | 2.8400 | 3.8164 | |
| 13 | 1.4262 | 1.5866 | 1.4983 | 1.6327 | 1.3826 | 0.8023 | 0.5509 | |
| | 3.1596 | 2.8450 | 2.9782 | 2.7786 | 2.8403 | 4.1207 | 6.3216 | |
| 14 | 1.8394 | 1.8393 | 1.7809 | 1.6426 | 0.9485 | 0.5376 | | |
| | 2.6540 | 2.6536 | 2.7395 | 2.8547 | 3.8116 | 6.3071 | | |
| 15 | 0.9638 | 1.0007 | 0.9074 | 0.8271 | F-SUB-Q | | | |
| | 4.1590 | 4.1432 | 4.4300 | 5.0722 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9745 | 1.2783 | 1.7654 | 1.4252 | 1.7924 | 1.4041 | 1.8055 | 0.9609 |
| | 3.7403 | 3.3947 | 2.6370 | 3.0085 | 2.5893 | 3.0620 | 2.5804 | 3.9842 |
| 9 | 1.2783 | 1.6759 | 1.3888 | 1.8467 | 1.4421 | 1.5603 | 1.8048 | 0.9970 |
| | 3.3947 | 2.7898 | 3.1063 | 2.5278 | 3.0100 | 2.7610 | 2.5870 | 3.9678 |
| 10 | 1.7654 | 1.3883 | 1.4272 | 1.5353 | 1.8143 | 1.4716 | 1.7450 | 0.9092 |
| | 2.6370 | 3.1080 | 3.0127 | 2.8384 | 2.5952 | 2.9239 | 2.6961 | 4.2482 |
| 11 | 1.4252 | 1.8458 | 1.5336 | 1.7237 | 1.4513 | 1.6009 | 1.6097 | 0.8233 |
| | 3.0085 | 2.5284 | 2.8413 | 2.6843 | 2.9025 | 2.8428 | 2.9198 | 4.9485 |
| 12 | 1.7924 | 1.4414 | 1.8135 | 1.4511 | 1.0544 | 1.3625 | 0.9497 | |
| | 2.5893 | 3.0119 | 2.5963 | 2.9031 | 3.2149 | 2.9074 | 3.8292 | |
| 13 | 1.4041 | 1.5601 | 1.4716 | 1.6011 | 1.3622 | 0.8065 | 0.5524 | |
| | 3.0620 | 2.7612 | 2.9246 | 2.8424 | 2.9077 | 4.1623 | 6.3515 | |
| 14 | 1.8055 | 1.8050 | 1.7453 | 1.6098 | 0.9498 | 0.5391 | | |
| | 2.5804 | 2.5867 | 2.6956 | 2.9196 | 3.8246 | 6.3367 | | |
| 15 | 0.9609 | 0.9971 | 0.9092 | 0.8232 | F-SUB-Q | | | |
| | 3.9842 | 3.9675 | 4.2477 | 4.9485 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9695 | 1.2596 | 1.7686 | 1.4146 | 1.7917 | 1.3942 | 1.8069 | 0.9414 |
| | 3.7236 | 3.3141 | 2.5322 | 2.9156 | 2.4919 | 2.9661 | 2.4801 | 3.9070 |
| 9 | 1.2596 | 1.6820 | 1.3699 | 1.8516 | 1.4181 | 1.5516 | 1.8058 | 0.9773 |
| | 3.3141 | 2.6744 | 3.0268 | 2.4260 | 2.9345 | 2.6707 | 2.4870 | 3.8943 |
| 10 | 1.7686 | 1.3682 | 1.4182 | 1.5187 | 1.8172 | 1.4610 | 1.7463 | 0.8849 |
| | 2.5322 | 3.0310 | 2.9172 | 2.7578 | 2.4933 | 2.8334 | 2.5918 | 4.2011 |
| 11 | 1.4146 | 1.8508 | 1.5164 | 1.7285 | 1.4321 | 1.6013 | 1.6136 | 0.8066 |
| | 2.9156 | 2.4270 | 2.7619 | 2.6363 | 2.8963 | 2.8251 | 2.8411 | 4.8638 |
| 12 | 1.7917 | 1.4175 | 1.8165 | 1.4319 | 1.0459 | 1.3705 | 0.9302 | |
| | 2.4919 | 2.9350 | 2.4943 | 2.8964 | 3.2069 | 2.8808 | 3.8751 | |
| 13 | 1.3942 | 1.5514 | 1.4609 | 1.6015 | 1.3702 | 0.8032 | 0.5431 | |
| | 2.9661 | 2.6709 | 2.8339 | 2.8247 | 2.8810 | 4.1709 | 6.3256 | |
| 14 | 1.8069 | 1.8060 | 1.7466 | 1.6138 | 0.9305 | 0.5294 | | |
| | 2.4801 | 2.4868 | 2.5914 | 2.8407 | 3.8700 | 6.3186 | | |
| 15 | 0.9414 | 0.9773 | 0.8849 | 0.8065 | F-SUB-Q | | | |
| | 3.9070 | 3.8939 | 4.2004 | 4.8641 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9641 | 1.2490 | 1.7593 | 1.4014 | 1.7785 | 1.3798 | 1.7935 | 0.9291 |
| | 3.3595 | 3.0552 | 2.4221 | 2.7986 | 2.3912 | 2.8536 | 2.3841 | 3.7609 |
| 9 | 1.2490 | 1.6754 | 1.3586 | 1.8413 | 1.4027 | 1.5365 | 1.7924 | 0.9620 |
| | 3.0552 | 2.5003 | 2.8985 | 2.3252 | 2.8202 | 2.5701 | 2.3913 | 3.7586 |
| 10 | 1.7593 | 1.3569 | 1.4053 | 1.5063 | 1.8070 | 1.4464 | 1.7345 | 0.8726 |
| | 2.4221 | 2.9025 | 2.7956 | 2.6471 | 2.3910 | 2.7257 | 2.4897 | 4.0458 |
| 11 | 1.4014 | 1.8406 | 1.5040 | 1.7202 | 1.4194 | 1.5922 | 1.6062 | 0.7945 |
| | 2.7986 | 2.3260 | 2.6508 | 2.4203 | 2.6372 | 2.5678 | 2.6241 | 4.6840 |
| 12 | 1.7785 | 1.4027 | 1.8063 | 1.4193 | 1.0383 | 1.3686 | 0.9219 | |
| | 2.3912 | 2.8206 | 2.3918 | 2.6371 | 2.9034 | 2.6020 | 3.5089 | |
| 13 | 1.3798 | 1.5363 | 1.4463 | 1.5924 | 1.3683 | 0.8018 | 0.5400 | |
| | 2.8536 | 2.5704 | 2.7262 | 2.5673 | 2.6022 | 3.7598 | 5.7173 | |
| 14 | 1.7935 | 1.7926 | 1.7348 | 1.6064 | 0.9222 | 0.5259 | | |
| | 2.3841 | 2.3910 | 2.4892 | 2.6237 | 3.5039 | 5.7158 | | |
| 15 | 0.9291 | 0.9620 | 0.8727 | 0.7944 | F-SUB-Q | | | |
| | 3.7609 | 3.7583 | 4.0451 | 4.6842 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9652 | 1.2471 | 1.7486 | 1.3898 | 1.7637 | 1.3659 | 1.7765 | 0.9218 |
| | 3.0257 | 2.7436 | 2.1648 | 2.5081 | 2.1481 | 2.5674 | 2.1485 | 3.3657 |
| 9 | 1.2471 | 1.6679 | 1.3494 | 1.8280 | 1.3963 | 1.5216 | 1.7758 | 0.9586 |
| | 2.7436 | 2.2434 | 2.5875 | 2.0853 | 2.5261 | 2.3119 | 2.1532 | 3.3482 |
| 10 | 1.7486 | 1.3477 | 1.3952 | 1.4959 | 1.7953 | 1.4340 | 1.7201 | 0.8688 |
| | 2.1648 | 2.5908 | 2.4938 | 2.3666 | 2.1386 | 2.4394 | 2.2320 | 3.5964 |
| 11 | 1.3898 | 1.8274 | 1.4936 | 1.7111 | 1.4150 | 1.5831 | 1.5971 | 0.7936 |
| | 2.5081 | 2.0859 | 2.3698 | 2.1861 | 2.3862 | 2.3239 | 2.3721 | 4.1290 |
| 12 | 1.7637 | 1.3957 | 1.7947 | 1.4150 | 1.0386 | 1.3671 | 0.9236 | |
| | 2.1481 | 2.5264 | 2.1393 | 2.3861 | 2.6361 | 2.3610 | 3.1667 | |
| 13 | 1.3659 | 1.5214 | 1.4339 | 1.5834 | 1.3668 | 0.8064 | 0.5430 | |
| | 2.5674 | 2.3122 | 2.4395 | 2.3234 | 2.3611 | 3.4035 | 5.1776 | |
| 14 | 1.7765 | 1.7760 | 1.7205 | 1.5974 | 0.9238 | 0.5288 | | |
| | 2.1485 | 2.1530 | 2.2315 | 2.3718 | 3.1623 | 5.1769 | | |
| 15 | 0.9218 | 0.9587 | 0.8689 | 0.7936 | F-SUB-Q | | | |
| | 3.3657 | 3.3479 | 3.5958 | 4.1290 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9779 | 1.2588 | 1.7361 | 1.3823 | 1.7459 | 1.3540 | 1.7546 | 0.9242 |
| | 2.9102 | 2.6518 | 2.0957 | 2.4257 | 2.0858 | 2.4919 | 2.0922 | 3.2366 |
| 9 | 1.2588 | 1.6590 | 1.3556 | 1.8103 | 1.4026 | 1.5078 | 1.7547 | 0.9605 |
| | 2.6518 | 2.1851 | 2.4820 | 2.0239 | 2.4208 | 2.2442 | 2.0957 | 3.2186 |
| 10 | 1.7361 | 1.3552 | 1.3901 | 1.4985 | 1.7819 | 1.4255 | 1.7029 | 0.8775 |
| | 2.0957 | 2.4831 | 2.4084 | 2.2761 | 2.0718 | 2.3581 | 2.1681 | 3.4288 |
| 11 | 1.3823 | 1.8097 | 1.4970 | 1.7016 | 1.4244 | 1.5761 | 1.5877 | 0.7993 |
| | 2.4257 | 2.0244 | 2.2781 | 2.1367 | 2.3211 | 2.2721 | 2.3138 | 3.9476 |
| 12 | 1.7459 | 1.4021 | 1.7813 | 1.4244 | 1.0531 | 1.3706 | 0.9409 | |
| | 2.0858 | 2.4220 | 2.0724 | 2.3212 | 2.5739 | 2.3095 | 3.0402 | |
| 13 | 1.3540 | 1.5076 | 1.4254 | 1.5764 | 1.3704 | 0.8240 | 0.5558 | |
| | 2.4919 | 2.2444 | 2.3596 | 2.2716 | 2.3096 | 3.2918 | 4.9847 | |
| 14 | 1.7546 | 1.7549 | 1.7033 | 1.5880 | 0.9411 | 0.5415 | | |
| | 2.0922 | 2.0955 | 2.1676 | 2.3134 | 3.0361 | 4.9812 | | |
| 15 | 0.9242 | 0.9605 | 0.8776 | 0.7993 | F-SUB-Q | | | |
| | 3.2366 | 3.2183 | 3.4282 | 3.9475 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9937 | 1.2619 | 1.7676 | 1.3903 | 1.7699 | 1.3598 | 1.7769 | 0.9131 |
| | 2.6174 | 2.3665 | 1.8591 | 2.1780 | 1.8577 | 2.2418 | 1.8658 | 2.9593 |
| 9 | 1.2619 | 1.6970 | 1.3561 | 1.8430 | 1.3992 | 1.5187 | 1.7779 | 0.9474 |
| | 2.3665 | 1.9242 | 2.2373 | 1.7953 | 2.1922 | 2.0128 | 1.8679 | 2.9507 |
| 10 | 1.7676 | 1.3545 | 1.4028 | 1.5064 | 1.8175 | 1.4404 | 1.7318 | 0.8629 |
| | 1.8591 | 2.2402 | 2.1565 | 2.0429 | 1.8356 | 2.1115 | 1.9252 | 3.1534 |
| 11 | 1.3903 | 1.8424 | 1.5047 | 1.7442 | 1.4354 | 1.6140 | 1.6270 | 0.7930 |
| | 2.1780 | 1.7957 | 2.0456 | 1.8851 | 2.0738 | 2.0108 | 2.0433 | 3.5993 |
| 12 | 1.7699 | 1.3988 | 1.8169 | 1.4355 | 1.0725 | 1.4245 | 0.9453 | |
| | 1.8577 | 2.1923 | 1.8361 | 2.0736 | 2.3101 | 2.0613 | 2.7722 | |
| 13 | 1.3598 | 1.5185 | 1.4403 | 1.6144 | 1.4243 | 0.8514 | 0.5651 | |
| | 2.2418 | 2.0130 | 2.1116 | 2.0103 | 2.0614 | 2.9929 | 4.5702 | |
| 14 | 1.7769 | 1.7781 | 1.7322 | 1.6273 | 0.9456 | 0.5496 | | |
| | 1.8658 | 1.8676 | 1.9247 | 2.0429 | 2.7680 | 4.5756 | | |
| 15 | 0.9131 | 0.9475 | 0.8629 | 0.7929 | F-SUB-Q | | | |
| | 2.9593 | 2.9504 | 3.1528 | 3.5995 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0634 | 1.2862 | 1.7875 | 1.3979 | 1.7804 | 1.3634 | 1.7840 | 0.9141 |
| | 2.3573 | 2.1568 | 1.6871 | 1.9881 | 1.6938 | 2.0518 | 1.7045 | 2.7153 |
| 9 | 1.2862 | 1.7271 | 1.3684 | 1.8588 | 1.4120 | 1.5253 | 1.7865 | 0.9492 |
| | 2.1568 | 1.7440 | 2.0358 | 1.6331 | 1.9948 | 1.8387 | 1.7050 | 2.7054 |
| 10 | 1.7875 | 1.3667 | 1.4175 | 1.5238 | 1.8411 | 1.4557 | 1.7476 | 0.8669 |
| | 1.6871 | 2.0384 | 1.9607 | 1.8559 | 1.6638 | 1.9188 | 1.7503 | 2.8838 |
| 11 | 1.3979 | 1.8579 | 1.5220 | 1.7808 | 1.4672 | 1.6546 | 1.6576 | 0.8011 |
| | 1.9881 | 1.6334 | 1.8584 | 1.7127 | 1.8837 | 1.8256 | 1.8493 | 3.2754 |
| 12 | 1.7804 | 1.4116 | 1.8405 | 1.4673 | 1.1505 | 1.4936 | 0.9755 | |
| | 1.6938 | 1.9957 | 1.6642 | 1.8835 | 2.0721 | 1.8481 | 2.5109 | |
| 13 | 1.3634 | 1.5251 | 1.4557 | 1.6551 | 1.4934 | 0.9244 | 0.5914 | |
| | 2.0518 | 1.8389 | 1.9189 | 1.8252 | 1.8482 | 2.6873 | 4.1194 | |
| 14 | 1.7840 | 1.7868 | 1.7480 | 1.6579 | 0.9759 | 0.5749 | | |
| | 1.7045 | 1.7048 | 1.7499 | 1.8489 | 2.5071 | 4.1258 | | |
| 15 | 0.9141 | 0.9493 | 0.8669 | 0.8010 | F-SUB-Q | | | |
| | 2.7153 | 2.7051 | 2.8833 | 3.2756 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1805 | 1.3248 | 1.7823 | 1.4004 | 1.7663 | 1.3595 | 1.7656 | 0.9263 |
| | 2.1812 | 1.9633 | 1.5760 | 1.8533 | 1.5904 | 1.9186 | 1.6041 | 2.5038 |
| 9 | 1.3248 | 1.7412 | 1.3855 | 1.8464 | 1.4357 | 1.5213 | 1.7701 | 0.9633 |
| | 1.9633 | 1.6122 | 1.8778 | 1.5334 | 1.8290 | 1.7184 | 1.6028 | 2.4880 |
| 10 | 1.7823 | 1.3851 | 1.4297 | 1.5372 | 1.8382 | 1.4642 | 1.7387 | 0.8874 |
| | 1.5760 | 1.8786 | 1.8178 | 1.7161 | 1.5528 | 1.7794 | 1.6391 | 2.6298 |
| 11 | 1.4004 | 1.8447 | 1.5357 | 1.8001 | 1.5109 | 1.6816 | 1.6671 | 0.8205 |
| | 1.8533 | 1.5338 | 1.7176 | 1.5851 | 1.7217 | 1.6908 | 1.7136 | 2.9861 |
| 12 | 1.7663 | 1.4352 | 1.8377 | 1.5110 | 1.2749 | 1.5857 | 1.0263 | |
| | 1.5904 | 1.8298 | 1.5532 | 1.7218 | 1.9322 | 1.7315 | 2.2806 | |
| 13 | 1.3595 | 1.5210 | 1.4640 | 1.6820 | 1.5856 | 1.0310 | 0.6308 | |
| | 1.9186 | 1.7186 | 1.7795 | 1.6904 | 1.7316 | 2.4684 | 3.7628 | |
| 14 | 1.7656 | 1.7703 | 1.7391 | 1.6674 | 1.0265 | 0.6132 | | |
| | 1.6041 | 1.6026 | 1.6387 | 1.7133 | 2.2777 | 3.7690 | | |
| 15 | 0.9263 | 0.9634 | 0.8874 | 0.8204 | F-SUB-Q | | | |
| | 2.5038 | 2.4878 | 2.6293 | 2.9861 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.2250 | 1.3285 | 1.7911 | 1.3932 | 1.7689 | 1.3565 | 1.7673 | 0.9073 |
| | 2.0258 | 1.8513 | 1.4794 | 1.7565 | 1.4992 | 1.8173 | 1.5133 | 2.4160 |
| 9 | 1.3285 | 1.7679 | 1.3742 | 1.8548 | 1.4206 | 1.5226 | 1.7736 | 0.9453 |
| | 1.8513 | 1.5063 | 1.7848 | 1.4415 | 1.7453 | 1.6221 | 1.5105 | 2.3990 |
| 10 | 1.7911 | 1.3726 | 1.4378 | 1.5406 | 1.8524 | 1.4741 | 1.7494 | 0.8677 |
| | 1.4794 | 1.7872 | 1.7093 | 1.6164 | 1.4541 | 1.6693 | 1.5383 | 2.5449 |
| 11 | 1.3932 | 1.8530 | 1.5388 | 1.8332 | 1.5214 | 1.7175 | 1.6905 | 0.8105 |
| | 1.7565 | 1.4428 | 1.6182 | 1.4773 | 1.6185 | 1.5720 | 1.6017 | 2.8606 |
| 12 | 1.7689 | 1.4202 | 1.8518 | 1.5217 | 1.3717 | 1.6678 | 1.0305 | |
| | 1.4992 | 1.7461 | 1.4545 | 1.6183 | 1.7915 | 1.6045 | 2.1617 | |
| 13 | 1.3565 | 1.5223 | 1.4739 | 1.7179 | 1.6677 | 1.0831 | 0.6410 | |
| | 1.8173 | 1.6223 | 1.6694 | 1.5717 | 1.6046 | 2.3384 | 3.5791 | |
| 14 | 1.7673 | 1.7738 | 1.7497 | 1.6908 | 1.0307 | 0.6230 | | |
| | 1.5133 | 1.5103 | 1.5379 | 1.6015 | 2.1590 | 3.5860 | | |
| 15 | 0.9073 | 0.9454 | 0.8678 | 0.8104 | F-SUB-Q | | | |
| | 2.4160 | 2.3988 | 2.5445 | 2.8608 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1984 | 1.2811 | 1.6972 | 1.3300 | 1.6769 | 1.3001 | 1.6711 | 0.8628 |
| | 2.0007 | 1.8316 | 1.4906 | 1.7585 | 1.5121 | 1.8156 | 1.5311 | 2.4373 |
| 9 | 1.2811 | 1.6854 | 1.3156 | 1.7566 | 1.3526 | 1.4581 | 1.6790 | 0.8970 |
| | 1.8316 | 1.5047 | 1.7825 | 1.4539 | 1.7489 | 1.6214 | 1.5263 | 2.4256 |
| 10 | 1.6972 | 1.3141 | 1.3868 | 1.4796 | 1.7639 | 1.4199 | 1.6615 | 0.8267 |
| | 1.4906 | 1.7848 | 1.6947 | 1.6083 | 1.4615 | 1.6568 | 1.5494 | 2.5627 |
| 11 | 1.3300 | 1.7548 | 1.4777 | 1.7517 | 1.4739 | 1.6497 | 1.6116 | 0.7728 |
| | 1.7585 | 1.4554 | 1.6101 | 1.4790 | 1.6052 | 1.5710 | 1.6059 | 2.8779 |
| 12 | 1.6769 | 1.3521 | 1.7636 | 1.4742 | 1.3477 | 1.6134 | 0.9976 | |
| | 1.5121 | 1.7489 | 1.4619 | 1.6050 | 1.7639 | 1.6024 | 2.1532 | |
| 13 | 1.3001 | 1.4578 | 1.4197 | 1.6501 | 1.6132 | 1.0558 | 0.6253 | |
| | 1.8156 | 1.6216 | 1.6571 | 1.5707 | 1.6025 | 2.3257 | 3.5530 | |
| 14 | 1.6711 | 1.6792 | 1.6618 | 1.6118 | 0.9975 | 0.6072 | | |
| | 1.5311 | 1.5262 | 1.5491 | 1.6057 | 2.1511 | 3.5634 | | |
| 15 | 0.8628 | 0.8970 | 0.8267 | 0.7727 | F-SUB-Q | | | |
| | 2.4373 | 2.4253 | 2.5623 | 2.8782 | M-SUB-Q | | | |

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 500 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0385 | 1.1009 | 1.4150 | 1.1363 | 1.4026 | 1.1154 | 1.3938 | 0.7314 |
| | 2.2218 | 2.0527 | 1.7224 | 1.9856 | 1.7434 | 2.0443 | 1.7729 | 2.7859 |
| 9 | 1.1009 | 1.4247 | 1.1275 | 1.4840 | 1.1609 | 1.2433 | 1.4014 | 0.7537 |
| | 2.0527 | 1.7126 | 2.0055 | 1.6586 | 1.9629 | 1.8365 | 1.7659 | 2.7960 |
| 10 | 1.4150 | 1.1263 | 1.1979 | 1.2735 | 1.4944 | 1.2259 | 1.3894 | 0.6986 |
| | 1.7224 | 2.0079 | 1.8925 | 1.8004 | 1.6625 | 1.8519 | 1.7891 | 2.9393 |
| 11 | 1.1363 | 1.4825 | 1.2718 | 1.4870 | 1.2696 | 1.3897 | 1.3472 | 0.6522 |
| | 1.9856 | 1.6602 | 1.8026 | 1.6743 | 1.7920 | 1.7947 | 1.8542 | 3.3036 |
| 12 | 1.4026 | 1.1609 | 1.4940 | 1.2698 | 1.1521 | 1.3592 | 0.8493 | |
| | 1.7434 | 1.9632 | 1.6629 | 1.7920 | 2.0046 | 1.8477 | 2.4539 | |
| 13 | 1.1154 | 1.2431 | 1.2257 | 1.3899 | 1.3591 | 0.8870 | 0.5390 | |
| | 2.0443 | 1.8368 | 1.8523 | 1.7944 | 1.8479 | 2.6967 | 4.0216 | |
| 14 | 1.3938 | 1.4015 | 1.3896 | 1.3473 | 0.8485 | 0.5237 | | |
| | 1.7729 | 1.7657 | 1.7888 | 1.8541 | 2.4535 | 4.0301 | | |
| 15 | 0.7314 | 0.7537 | 0.6986 | 0.6521 | F-SUB-Q | | | |
| | 2.7859 | 2.7957 | 2.9391 | 3.3040 | M-SUB-Q | | | |

AT 50% POWER, 500 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.5177 | 0.5457 | 0.6504 | 0.5628 | 0.6465 | 0.5369 | 0.6037 | 0.3453 |
| | 4.3104 | 4.0060 | 3.6233 | 3.8817 | 3.6599 | 4.0992 | 3.9575 | 5.7253 |
| 9 | 0.5457 | 0.6339 | 0.5579 | 0.6636 | 0.5756 | 0.5671 | 0.6068 | 0.3531 |
| | 4.0060 | 3.7148 | 3.9229 | 3.5788 | 3.8288 | 3.8937 | 3.9420 | 5.7898 |
| 10 | 0.6504 | 0.5573 | 0.5602 | 0.6083 | 0.6688 | 0.5696 | 0.6009 | 0.3324 |
| | 3.6233 | 3.9271 | 3.9120 | 3.6416 | 3.5821 | 3.8514 | 3.9981 | 5.9905 |
| 11 | 0.5628 | 0.6630 | 0.6075 | 0.6662 | 0.5890 | 0.6383 | 0.5782 | 0.3054 |
| | 3.8817 | 3.5822 | 3.6463 | 3.6008 | 3.7267 | 3.7773 | 4.1795 | 6.8487 |
| 12 | 0.6465 | 0.5756 | 0.6686 | 0.5890 | 0.5297 | 0.5895 | 0.4038 | |
| | 3.6599 | 3.8297 | 3.5836 | 3.7269 | 4.2065 | 4.1167 | 4.9953 | |
| 13 | 0.5369 | 0.5670 | 0.5695 | 0.6383 | 0.5894 | 0.4313 | 0.2564 | |
| | 4.0992 | 3.8940 | 3.8522 | 3.7770 | 4.1172 | 5.3939 | 8.2412 | |
| 14 | 0.6037 | 0.6068 | 0.6010 | 0.5782 | 0.4034 | 0.2525 | | |
| | 3.9575 | 3.9418 | 3.9978 | 4.1796 | 4.9948 | 8.1531 | | |
| 15 | 0.3453 | 0.3531 | 0.3324 | 0.3053 | F-SUB-Q | | | |
| | 5.7253 | 5.7893 | 5.9896 | 6.8496 | 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 | 3.9205 | 3.8642 | 3.0478 | 3.7759 | 3.0551 | 3.8878 | 3.4061 | 5.9901 |
| | 4.9414 | 4.8856 | 4.0553 | 4.7349 | 4.0190 | 4.8720 | 4.4719 | 7.4383 |
| | 5.1983 | 5.1475 | 4.3770 | 4.9852 | 4.3489 | 5.1405 | 4.7964 | 7.8433 |
| | 4.7358 | 4.7596 | 4.3075 | 4.6381 | 4.2995 | 4.8276 | 4.7365 | 7.3368 |
| | 4.0311 | 4.1299 | 3.8645 | 4.0582 | 3.8766 | 4.2429 | 4.2757 | 6.3619 |
| | 3.0893 | 3.2876 | 3.2081 | 3.2863 | 3.2388 | 3.4510 | 3.5889 | 4.9868 |
| 9 | 3.8642 | 3.1658 | 3.8387 | 3.0238 | 3.6435 | 3.8214 | 3.3798 | 5.8634 |
| | 4.8856 | 4.1792 | 4.8287 | 3.9781 | 4.5565 | 4.7484 | 4.4343 | 7.2685 |
| | 5.1475 | 4.5031 | 5.0790 | 4.2770 | 4.7987 | 4.9926 | 4.7529 | 7.6623 |
| | 4.7596 | 4.4033 | 4.7046 | 4.2285 | 4.4850 | 4.6697 | 4.6810 | 7.1776 |
| | 4.1299 | 3.9302 | 4.1013 | 3.8136 | 3.9359 | 4.0945 | 4.2261 | 6.2542 |
| | 3.2876 | 3.2239 | 3.3020 | 3.1938 | 3.2266 | 3.3453 | 3.5534 | 4.9382 |
| 10 | 3.0478 | 3.8432 | 3.8010 | 3.5300 | 2.9799 | 3.6813 | 3.4207 | 6.1939 |
| | 4.0553 | 4.8357 | 4.7443 | 4.4134 | 3.8886 | 4.5665 | 4.4650 | 7.6627 |
| | 4.3770 | 5.0869 | 4.9792 | 4.6417 | 4.1857 | 4.8017 | 4.7730 | 8.0698 |
| | 4.3075 | 4.7115 | 4.6068 | 4.3288 | 4.1464 | 4.4927 | 4.6755 | 7.5406 |
| | 3.8645 | 4.1065 | 4.0064 | 3.7957 | 3.7467 | 3.9447 | 4.2223 | 6.5511 |
| | 3.2081 | 3.3042 | 3.2338 | 3.1118 | 3.1489 | 3.2305 | 3.5511 | 5.1461 |
| 11 | 3.7759 | 3.0287 | 3.5345 | 2.9789 | 3.5742 | 3.0902 | 3.5633 | 6.7783 |
| | 4.7349 | 3.9847 | 4.4187 | 3.8876 | 4.4282 | 4.0300 | 4.6060 | 8.3457 |
| | 4.9852 | 4.2836 | 4.6469 | 4.1817 | 4.6492 | 4.3245 | 4.8927 | 8.7716 |
| | 4.6381 | 4.2340 | 4.3360 | 4.1359 | 4.3273 | 4.2699 | 4.7197 | 8.1545 |
| | 4.0582 | 3.8177 | 3.8000 | 3.7320 | 3.7831 | 3.8367 | 4.2464 | 7.0512 |
| | 3.2863 | 3.1968 | 3.1149 | 3.1307 | 3.0838 | 3.2218 | 3.6199 | 5.5044 |
| 12 | 3.0551 | 3.6488 | 2.9822 | 3.5761 | 3.9411 | 3.3659 | 4.6968 | |
| | 4.0190 | 4.5614 | 3.8917 | 4.4307 | 4.8424 | 4.3720 | 5.8523 | |
| | 4.3489 | 4.8037 | 4.1887 | 4.6516 | 5.0610 | 4.6559 | 6.1957 | |
| | 4.2995 | 4.4887 | 4.1492 | 4.3293 | 4.6529 | 4.5051 | 5.8600 | |
| | 3.8766 | 3.9385 | 3.7488 | 3.7845 | 4.0175 | 4.0552 | 5.1465 | |
| | 3.2388 | 3.2281 | 3.1503 | 3.0848 | 3.2031 | 3.3772 | 4.1379 | |
| 13 | 3.8878 | 3.8236 | 3.6838 | 3.0916 | 3.3680 | 4.8831 | 8.3537 | |
| | 4.8720 | 4.7510 | 4.5695 | 4.0321 | 4.3743 | 6.0532 | *10.2154 | |
| | 5.1405 | 4.9953 | 4.8047 | 4.3266 | 4.6581 | 6.3633 | *10.6182 | |
| | 4.8276 | 4.6717 | 4.4949 | 4.2716 | 4.5066 | 5.9088 | 9.5407 | |
| | 4.2429 | 4.0959 | 3.9462 | 3.8378 | 4.0560 | 5.1112 | 7.9927 | |
| | 3.4510 | 3.3460 | 3.2313 | 3.2225 | 3.3781 | 4.0621 | 5.9450 | |
| 14 | 3.4061 | 3.3806 | 3.4224 | 3.5659 | 4.7022 | 8.5073 | | |
| | 4.4719 | 4.4358 | 4.4670 | 4.6091 | 5.8589 | *10.3865 | | |
| | 4.7964 | 4.7544 | 4.7749 | 4.8958 | 6.2026 | *10.7963 | | |
| | 4.7365 | 4.6820 | 4.6769 | 4.7219 | 5.8659 | 9.6945 | | |
| | 4.2757 | 4.2269 | 4.2233 | 4.2478 | 5.1506 | 8.1149 | | |
| | 3.5889 | 3.5539 | 3.5516 | 3.6209 | 4.1394 | 6.0333 | | |
| 15 | 5.9901 | 5.8643 | 6.1971 | 6.7837 | 4 EFPD | 118 % POWER | | |
| | 7.4383 | 7.2696 | 7.6665 | 8.3521 | 75 EFPD | 118 % POWER | | |
| | 7.8433 | 7.6633 | 8.0735 | 8.7778 | 125 EFPD | 118 % POWER | | |
| | 7.3368 | 7.1783 | 7.5432 | 8.1593 | 250 EFPD | 118 % POWER | | |
| | 6.3619 | 6.2545 | 6.5525 | 7.0545 | 350 EFPD | 118 % POWER | | |
| | 4.9868 | 4.9383 | 5.1466 | 5.5062 | 500 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 * 1.9651 * 1.9158 * 1.4275 * 1.8906 * 1.4176 * 1.8596 * 1.4475 * 2.7793 *
   * 2.4276 * 2.3427 * 1.8419 * 2.2885 * 1.8133 * 2.2569 * 1.8620 * 3.3315 *
   * 2.5627 * 2.4614 * 1.9820 * 2.3991 * 1.9606 * 2.3762 * 2.0038 * 3.4960 *
   * 2.4477 * 2.3515 * 2.0226 * 2.2998 * 2.0155 * 2.3178 * 2.0645 * 3.3711 *
   * 2.2287 * 2.1564 * 1.9235 * 2.1217 * 1.9293 * 2.1576 * 1.9835 * 3.0841 *
   * 2.0012 * 1.9658 * 1.8156 * 1.9535 * 1.8284 * 1.9955 * 1.8882 * 2.7352 *
   ********************************************************************************
 9 * 1.9158 * 1.4374 * 1.9121 * 1.4279 * 1.8275 * 1.7226 * 1.4292 * 2.7098 *
   * 2.3427 * 1.8455 * 2.3295 * 1.8246 * 2.2100 * 2.0867 * 1.8380 * 3.2512 *
   * 2.4614 * 1.9870 * 2.4392 * 1.9565 * 2.3180 * 2.1958 * 1.9776 * 3.4140 *
   * 2.3515 * 2.0191 * 2.3292 * 1.9878 * 2.2327 * 2.1402 * 2.0380 * 3.2957 *
   * 2.1564 * 1.9123 * 2.1412 * 1.8836 * 2.0637 * 1.9952 * 1.9593 * 3.0268 *
   * 1.9658 * 1.7835 * 1.9631 * 1.7670 * 1.9082 * 1.8501 * 1.8663 * 2.7004 *
   ********************************************************************************
10 * 1.4275 * 1.9137 * 1.7525 * 1.7127 * 1.4130 * 1.7031 * 1.4411 * 2.8803 *
   * 1.8419 * 2.3328 * 2.1331 * 2.0779 * 1.7831 * 2.0449 * 1.8461 * 3.4470 *
   * 1.9820 * 2.4427 * 2.2398 * 2.1801 * 1.9156 * 2.1446 * 1.9819 * 3.6142 *
   * 2.0226 * 2.3323 * 2.1570 * 2.1007 * 1.9502 * 2.0784 * 2.0332 * 3.4778 *
   * 1.9235 * 2.1438 * 1.9890 * 1.9403 * 1.8531 * 1.9304 * 1.9556 * 3.1827 *
   * 1.8156 * 1.9648 * 1.8228 * 1.7927 * 1.7363 * 1.7794 * 1.8623 * 2.8244 *
   ********************************************************************************
11 * 1.8906 * 1.4312 * 1.7158 * 1.4064 * 1.6708 * 1.3833 * 1.4898 * 3.0772 *
   * 2.2885 * 1.8277 * 2.0816 * 1.7789 * 2.0075 * 1.7709 * 1.8856 * 3.6724 *
   * 2.3991 * 1.9597 * 2.1836 * 1.9109 * 2.1013 * 1.9087 * 2.0097 * 3.8482 *
   * 2.2998 * 1.9905 * 2.1037 * 1.9425 * 2.0230 * 1.9676 * 2.0307 * 3.6992 *
   * 2.1217 * 1.8858 * 1.9427 * 1.8444 * 1.8693 * 1.8827 * 1.9436 * 3.3792 *
   * 1.9535 * 1.7688 * 1.7945 * 1.7263 * 1.7138 * 1.7843 * 1.8745 * 2.9929 *
   ********************************************************************************
12 * 1.4176 * 1.8292 * 1.4139 * 1.6717 * 1.7648 * 1.4256 * 2.2032 *
   * 1.8133 * 2.2121 * 1.7844 * 2.0085 * 2.1161 * 1.8146 * 2.6578 *
   * 1.9606 * 2.3202 * 1.9168 * 2.1024 * 2.2160 * 1.9401 * 2.8034 *
   * 2.0155 * 2.2344 * 1.9513 * 2.0239 * 2.1338 * 1.9690 * 2.7370 *
   * 1.9293 * 2.0649 * 1.8539 * 1.8700 * 1.9657 * 1.8876 * 2.5367 *
   * 1.8284 * 1.9089 * 1.7370 * 1.7144 * 1.7908 * 1.7857 * 2.2980 *
   ************************************************************************
13 * 1.8596 * 1.7230 * 1.7041 * 1.3838 * 1.4264 * 2.3622 * 3.8658 *
   * 2.2569 * 2.0871 * 2.0460 * 1.7717 * 1.8155 * 2.8451 * 4.5804 *
   * 2.3762 * 2.1964 * 2.1458 * 1.9094 * 1.9409 * 2.9851 * 4.7454 *
   * 2.3178 * 2.1407 * 2.0793 * 1.9683 * 1.9696 * 2.8702 * 4.4042 *
   * 2.1576 * 1.9956 * 1.9310 * 1.8832 * 1.8879 * 2.6253 * 3.8961 *
   * 1.9955 * 1.8502 * 1.7798 * 1.7847 * 1.7862 * 2.3555 * 3.3065 *
   ********************************************************************
14 * 1.4475 * 1.4296 * 1.4416 * 1.4908 * 2.2058 * 3.9429 *
   * 1.8620 * 1.8385 * 1.8468 * 1.8867 * 2.6609 * 4.6626 *
   * 2.0038 * 1.9781 * 1.9826 * 2.0108 * 2.8066 * 4.8299 *
   * 2.0645 * 2.0384 * 2.0336 * 2.0315 * 2.7400 * 4.4797 *
   * 1.9835 * 1.9596 * 1.9560 * 1.9442 * 2.5388 * 3.9588 *
   * 1.8882 * 1.8664 * 1.8625 * 1.8749 * 2.2990 * 3.3543 *
   ************************************************************
15 * 2.7793 * 2.7104 * 2.8822 * 3.0794 *   4 EFPD 118 % POWER
   * 3.3315 * 3.2519 * 3.4491 * 3.6749 *  75 EFPD 118 % POWER
   * 3.4960 * 3.4146 * 3.6162 * 3.8506 * 125 EFPD 118 % POWER
   * 3.3711 * 3.2961 * 3.4793 * 3.7011 * 250 EFPD 118 % POWER
   * 3.0841 * 3.0271 * 3.1837 * 3.3805 * 350 EFPD 118 % POWER
   * 2.7352 * 2.7005 * 2.8249 * 2.9936 * 500 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 | 1.7386 | 1.7448 | 1.5934 | 1.7631 | 1.5055 | 1.6490 | 1.4438 | 2.5823 |
| | 2.0767 | 2.0446 | 1.8369 | 2.0014 | 1.7442 | 1.9158 | 1.7207 | 2.8980 |
| | 2.1720 | 2.1054 | 1.8600 | 2.0492 | 1.8012 | 1.9899 | 1.7975 | 2.9696 |
| | 2.0934 | 1.9943 | 1.7490 | 1.9419 | 1.7329 | 1.9443 | 1.7605 | 2.8197 |
| | 1.9572 | 1.8600 | 1.6454 | 1.8191 | 1.6451 | 1.8496 | 1.6871 | 2.6089 |
| | 1.8506 | 1.7717 | 1.5922 | 1.7447 | 1.6085 | 1.7930 | 1.6511 | 2.3944 |
| 9 | 1.7448 | 1.4182 | 1.7258 | 1.4147 | 1.6669 | 1.5222 | 1.4133 | 2.5172 |
| | 2.0446 | 1.7037 | 2.0239 | 1.6830 | 1.9262 | 1.7596 | 1.6840 | 2.8230 |
| | 2.1054 | 1.7880 | 2.0860 | 1.7609 | 1.9837 | 1.8240 | 1.7599 | 2.8924 |
| | 1.9943 | 1.7622 | 1.9752 | 1.7356 | 1.8962 | 1.7807 | 1.7319 | 2.7447 |
| | 1.8600 | 1.6622 | 1.8411 | 1.6447 | 1.7786 | 1.6931 | 1.6632 | 2.5482 |
| | 1.7717 | 1.5952 | 1.7592 | 1.5763 | 1.7126 | 1.6441 | 1.6326 | 2.3478 |
| 10 | 1.5934 | 1.7281 | 1.5463 | 1.5810 | 1.3927 | 1.5203 | 1.3934 | 2.6019 |
| | 1.8369 | 2.0267 | 1.8145 | 1.8167 | 1.6436 | 1.7461 | 1.6658 | 2.9425 |
| | 1.8600 | 2.0882 | 1.8840 | 1.8707 | 1.7265 | 1.8045 | 1.7461 | 3.0275 |
| | 1.7490 | 1.9781 | 1.8185 | 1.7823 | 1.7184 | 1.7454 | 1.7221 | 2.8819 |
| | 1.6454 | 1.8436 | 1.7111 | 1.6713 | 1.6165 | 1.6518 | 1.6574 | 2.6746 |
| | 1.5922 | 1.7609 | 1.6419 | 1.6109 | 1.5488 | 1.5954 | 1.6302 | 2.4637 |
| 11 | 1.7631 | 1.4168 | 1.5833 | 1.3961 | 1.5143 | 1.4051 | 1.3827 | 2.7513 |
| | 2.0014 | 1.6857 | 1.8202 | 1.6559 | 1.7378 | 1.6279 | 1.6392 | 3.1090 |
| | 2.0492 | 1.7635 | 1.8740 | 1.7341 | 1.7883 | 1.6882 | 1.7122 | 3.1995 |
| | 1.9419 | 1.7376 | 1.7851 | 1.7088 | 1.7094 | 1.6629 | 1.7058 | 3.0525 |
| | 1.8191 | 1.6470 | 1.6736 | 1.6089 | 1.6032 | 1.5949 | 1.6381 | 2.8295 |
| | 1.7447 | 1.5781 | 1.6126 | 1.5428 | 1.5371 | 1.5665 | 1.6354 | 2.5979 |
| 12 | 1.5055 | 1.6679 | 1.3933 | 1.5147 | 1.5152 | 1.3796 | 2.0484 | |
| | 1.7442 | 1.9282 | 1.6444 | 1.7390 | 1.7529 | 1.6383 | 2.3088 | |
| | 1.8012 | 1.9857 | 1.7273 | 1.7893 | 1.8187 | 1.7133 | 2.3784 | |
| | 1.7329 | 1.8978 | 1.7196 | 1.7103 | 1.7646 | 1.6775 | 2.2843 | |
| | 1.6451 | 1.7797 | 1.6173 | 1.6038 | 1.6669 | 1.6101 | 2.1407 | |
| | 1.6085 | 1.7132 | 1.5494 | 1.5376 | 1.6026 | 1.5731 | 2.0056 | |
| 13 | 1.6490 | 1.5227 | 1.5208 | 1.4056 | 1.3803 | 2.1294 | 3.4845 | |
| | 1.9158 | 1.7601 | 1.7470 | 1.6287 | 1.6391 | 2.4179 | 3.9286 | |
| | 1.9899 | 1.8245 | 1.8054 | 1.6890 | 1.7141 | 2.4851 | 4.0028 | |
| | 1.9443 | 1.7811 | 1.7462 | 1.6636 | 1.6780 | 2.3604 | 3.6940 | |
| | 1.8496 | 1.6933 | 1.6523 | 1.5953 | 1.6104 | 2.1892 | 3.3205 | |
| | 1.7930 | 1.6442 | 1.5957 | 1.5668 | 1.5736 | 2.0386 | 2.9306 | |
| 14 | 1.4438 | 1.4139 | 1.3940 | 1.3837 | 2.0502 | 3.5272 | | |
| | 1.7207 | 1.6845 | 1.6664 | 1.6402 | 2.3117 | 3.9699 | | |
| | 1.7975 | 1.7604 | 1.7469 | 1.7132 | 2.3813 | 4.0456 | | |
| | 1.7605 | 1.7322 | 1.7226 | 1.7066 | 2.2858 | 3.7327 | | |
| | 1.6871 | 1.6634 | 1.6577 | 1.6386 | 2.1418 | 3.3527 | | |
| | 1.6511 | 1.6327 | 1.6304 | 1.6357 | 2.0059 | 2.9571 | | |
| 15 | 2.5823 | 2.5175 | 2.6036 | 2.7533 | 4 EFPD 118 % POWER | | | |
| | 2.8980 | 2.8233 | 2.9444 | 3.1111 | 75 EFPD 118 % POWER | | | |
| | 2.9696 | 2.8927 | 3.0292 | 3.2015 | 125 EFPD 118 % POWER | | | |
| | 2.8197 | 2.7448 | 2.8829 | 3.0540 | 250 EFPD 118 % POWER | | | |
| | 2.6089 | 2.5482 | 2.6751 | 2.8305 | 350 EFPD 118 % POWER | | | |
| | 2.3944 | 2.3477 | 2.4640 | 2.5985 | 500 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 * 1.6821 * 1.7056 * 1.4275 * 1.7610 * 1.4176 * 1.5897 * 1.3729 * 2.5823 *
   * 1.9511 * 1.9381 * 1.7157 * 1.9005 * 1.6030 * 1.7820 * 1.5621 * 2.7846 *
   * 2.0218 * 1.9656 * 1.6973 * 1.9118 * 1.6211 * 1.8339 * 1.6029 * 2.8054 *
   * 1.9551 * 1.8526 * 1.5736 * 1.7982 * 1.5563 * 1.7988 * 1.5695 * 2.6467 *
   * 1.8550 * 1.7499 * 1.4984 * 1.7023 * 1.5013 * 1.7386 * 1.5298 * 2.4798 *
   * 1.8026 * 1.7117 * 1.4978 * 1.6749 * 1.5120 * 1.7244 * 1.5415 * 2.3249 *
   ********************************************************************
 9 * 1.7056 * 1.3695 * 1.6864 * 1.3754 * 1.6197 * 1.4476 * 1.3374 * 2.5172 *
   * 1.9381 * 1.5767 * 1.9075 * 1.5601 * 1.8121 * 1.6116 * 1.5238 * 2.7067 *
   * 1.9656 * 1.6281 * 1.9463 * 1.6044 * 1.8473 * 1.6557 * 1.5643 * 2.7274 *
   * 1.8526 * 1.5886 * 1.8318 * 1.5659 * 1.7551 * 1.6250 * 1.5415 * 2.5761 *
   * 1.7499 * 1.5167 * 1.7273 * 1.4930 * 1.6671 * 1.5725 * 1.5064 * 2.4222 *
   * 1.7117 * 1.4999 * 1.6934 * 1.4757 * 1.6482 * 1.5681 * 1.5281 * 2.2788 *
   ********************************************************************
10 * 1.4275 * 1.6897 * 1.4873 * 1.5440 * 1.3318 * 1.4516 * 1.3167 * 2.6019 *
   * 1.7157 * 1.9105 * 1.6934 * 1.7056 * 1.5001 * 1.6159 * 1.5031 * 2.8081 *
   * 1.6973 * 1.9485 * 1.7423 * 1.7312 * 1.5530 * 1.6508 * 1.5562 * 2.8467 *
   * 1.5736 * 1.8347 * 1.6845 * 1.6416 * 1.5395 * 1.6012 * 1.5323 * 2.7118 *
   * 1.4984 * 1.7298 * 1.6057 * 1.5581 * 1.4642 * 1.5394 * 1.5009 * 2.5531 *
   * 1.4978 * 1.6951 * 1.5850 * 1.5448 * 1.4484 * 1.5304 * 1.5246 * 2.4131 *
   ********************************************************************
11 * 1.7610 * 1.3774 * 1.5474 * 1.3283 * 1.4548 * 1.3347 * 1.3157 * 2.7478 *
   * 1.9005 * 1.5629 * 1.7093 * 1.5192 * 1.6112 * 1.4711 * 1.4816 * 2.9612 *
   * 1.9118 * 1.6071 * 1.7347 * 1.5745 * 1.6442 * 1.5033 * 1.5270 * 3.0057 *
   * 1.7982 * 1.5679 * 1.6444 * 1.5336 * 1.5679 * 1.4824 * 1.5130 * 2.8657 *
   * 1.7023 * 1.4952 * 1.5603 * 1.4602 * 1.4915 * 1.4477 * 1.4812 * 2.6931 *
   * 1.6749 * 1.4774 * 1.5465 * 1.4443 * 1.4736 * 1.4748 * 1.5285 * 2.5365 *
   ********************************************************************
12 * 1.4176 * 1.6207 * 1.3324 * 1.4552 * 1.4448 * 1.3149 * 2.0484 *
   * 1.6030 * 1.8134 * 1.5010 * 1.6117 * 1.6172 * 1.4879 * 2.2095 *
   * 1.6211 * 1.8492 * 1.5538 * 1.6453 * 1.6618 * 1.5322 * 2.2398 *
   * 1.5563 * 1.7566 * 1.5406 * 1.5688 * 1.6223 * 1.4941 * 2.1469 *
   * 1.5013 * 1.6683 * 1.4650 * 1.4921 * 1.5577 * 1.4605 * 2.0417 *
   * 1.5120 * 1.6488 * 1.4489 * 1.4741 * 1.5423 * 1.4757 * 1.9623 *
   ************************************************************
13 * 1.5897 * 1.4481 * 1.4522 * 1.3353 * 1.3156 * 2.0890 * 3.4845 *
   * 1.7819 * 1.6121 * 1.6169 * 1.4720 * 1.4887 * 2.2664 * 3.7924 *
   * 1.8339 * 1.6562 * 1.6518 * 1.5041 * 1.5331 * 2.2978 * 3.8126 *
   * 1.7988 * 1.6253 * 1.6019 * 1.4830 * 1.4946 * 2.1851 * 3.5144 *
   * 1.7386 * 1.5727 * 1.5399 * 1.4481 * 1.4607 * 2.0553 * 3.2012 *
   * 1.7244 * 1.5682 * 1.5305 * 1.4750 * 1.4761 * 1.9699 * 2.8988 *
   ************************************************************
14 * 1.3729 * 1.3379 * 1.3172 * 1.3166 * 2.0502 * 3.5272 *
   * 1.5621 * 1.5243 * 1.5038 * 1.4826 * 2.2107 * 3.8330 *
   * 1.6029 * 1.5648 * 1.5569 * 1.5279 * 2.2409 * 3.8530 *
   * 1.5695 * 1.5418 * 1.5327 * 1.5137 * 2.1491 * 3.5490 *
   * 1.5298 * 1.5066 * 1.5012 * 1.4816 * 2.0433 * 3.2305 *
   * 1.5415 * 1.5282 * 1.5248 * 1.5287 * 1.9620 * 2.9233 *
   ******************************************************
15 * 2.5823 * 2.5175 * 2.6036 * 2.7499 *   4 EFPD 118 % POWER
   * 2.7846 * 2.7070 * 2.8101 * 2.9634 *  75 EFPD 118 % POWER
   * 2.8054 * 2.7277 * 2.8485 * 3.0077 * 125 EFPD 118 % POWER
   * 2.6467 * 2.5762 * 2.7130 * 2.8671 * 250 EFPD 118 % POWER
   * 2.4798 * 2.4222 * 2.5539 * 2.6940 * 350 EFPD 118 % POWER
   * 2.3249 * 2.2787 * 2.4133 * 2.5371 * 500 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 * 1.7247 * 1.7525 * 1.6049 * 1.8157 * 1.4534 * 1.6129 * 1.3740 * 2.6843 *
   * 1.9498 * 1.9342 * 1.6901 * 1.8916 * 1.5641 * 1.7537 * 1.5140 * 2.7525 *
   * 2.0039 * 1.9413 * 1.6483 * 1.8816 * 1.5656 * 1.7921 * 1.5352 * 2.7453 *
   * 1.9425 * 1.8296 * 1.5258 * 1.7696 * 1.5100 * 1.7733 * 1.5146 * 2.6027 *
   * 1.8625 * 1.7461 * 1.4720 * 1.6942 * 1.4784 * 1.7368 * 1.4995 * 2.4683 *
   * 1.8336 * 1.7368 * 1.4979 * 1.6867 * 1.5121 * 1.7428 * 1.5368 * 2.3429 *
   ********************************************************************
 9 * 1.7525 * 1.3921 * 1.7321 * 1.3935 * 1.6527 * 1.4552 * 1.3347 * 2.5982 *
   * 1.9342 * 1.5541 * 1.9030 * 1.5297 * 1.7956 * 1.5737 * 1.4734 * 2.6645 *
   * 1.9413 * 1.5885 * 1.9207 * 1.5566 * 1.8151 * 1.6068 * 1.4955 * 2.6587 *
   * 1.8296 * 1.5434 * 1.8050 * 1.5189 * 1.7270 * 1.5898 * 1.4866 * 2.5226 *
   * 1.7461 * 1.4927 * 1.7203 * 1.4611 * 1.6569 * 1.5610 * 1.4761 * 2.4023 *
   * 1.7368 * 1.5066 * 1.7087 * 1.4705 * 1.6617 * 1.5762 * 1.5219 * 2.2908 *
   ********************************************************************
10 * 1.6049 * 1.7358 * 1.5167 * 1.5712 * 1.3348 * 1.4643 * 1.3131 * 2.6628 *
   * 1.6901 * 1.9063 * 1.6825 * 1.6844 * 1.4555 * 1.5829 * 1.4504 * 2.7660 *
   * 1.6483 * 1.9230 * 1.7182 * 1.6935 * 1.4944 * 1.6047 * 1.4861 * 2.7792 *
   * 1.5258 * 1.8080 * 1.6648 * 1.6084 * 1.4817 * 1.5692 * 1.4766 * 2.6629 *
   * 1.4720 * 1.7230 * 1.6034 * 1.5440 * 1.4291 * 1.5294 * 1.4715 * 2.5390 *
   * 1.4979 * 1.7108 * 1.6079 * 1.5558 * 1.4480 * 1.5499 * 1.5213 * 2.4232 *
   ********************************************************************
11 * 1.8157 * 1.3961 * 1.5749 * 1.3328 * 1.4696 * 1.3344 * 1.3106 * 2.7986 *
   * 1.8916 * 1.5327 * 1.6885 * 1.4792 * 1.5819 * 1.4181 * 1.4255 * 2.9099 *
   * 1.8816 * 1.5594 * 1.6972 * 1.5229 * 1.6029 * 1.4378 * 1.4592 * 2.9280 *
   * 1.7696 * 1.5210 * 1.6114 * 1.4776 * 1.5344 * 1.4318 * 1.4550 * 2.8075 *
   * 1.6942 * 1.4632 * 1.5463 * 1.4251 * 1.4782 * 1.4212 * 1.4494 * 2.6736 *
   * 1.6867 * 1.4721 * 1.5574 * 1.4448 * 1.4891 * 1.4799 * 1.5280 * 2.5594 *
   ********************************************************************
12 * 1.4534 * 1.6538 * 1.3355 * 1.4701 * 1.4585 * 1.3144 * 2.0987 *
   * 1.5641 * 1.7970 * 1.4565 * 1.5824 * 1.5871 * 1.4380 * 2.1637 *
   * 1.5656 * 1.8172 * 1.4952 * 1.6041 * 1.6210 * 1.4657 * 2.1741 *
   * 1.5100 * 1.7286 * 1.4829 * 1.5353 * 1.5939 * 1.4398 * 2.0981 *
   * 1.4784 * 1.6580 * 1.4300 * 1.4789 * 1.5509 * 1.4305 * 2.0223 *
   * 1.5121 * 1.6623 * 1.4485 * 1.4896 * 1.5650 * 1.4784 * 1.9778 *
   ************************************************************
13 * 1.6129 * 1.4558 * 1.4649 * 1.3350 * 1.3151 * 2.1116 * 3.6107 *
   * 1.7537 * 1.5743 * 1.5840 * 1.4191 * 1.4388 * 2.2173 * 3.7623 *
   * 1.7921 * 1.6073 * 1.6057 * 1.4387 * 1.4666 * 2.2310 * 3.7483 *
   * 1.7733 * 1.5900 * 1.5699 * 1.4324 * 1.4403 * 2.1348 * 3.4715 *
   * 1.7368 * 1.5612 * 1.5299 * 1.4216 * 1.4308 * 2.0345 * 3.2022 *
   * 1.7428 * 1.5763 * 1.5500 * 1.4800 * 1.4788 * 1.9853 * 2.9494 *
   ************************************************************
14 * 1.3740 * 1.3353 * 1.3137 * 1.3116 * 2.0996 * 3.6578 *
   * 1.5140 * 1.4739 * 1.4513 * 1.4266 * 2.1647 * 3.8039 *
   * 1.5352 * 1.4960 * 1.4868 * 1.4601 * 2.1751 * 3.7890 *
   * 1.5146 * 1.4869 * 1.4769 * 1.4556 * 2.1000 * 3.5064 *
   * 1.4995 * 1.4763 * 1.4717 * 1.4498 * 2.0227 * 3.2317 *
   * 1.5368 * 1.5219 * 1.5214 * 1.5282 * 1.9773 * 2.9740 *
   ******************************************************
15 * 2.6843 * 2.5985 * 2.6648 * 2.8008 *   4 EFPD 118 % POWER
   * 2.7525 * 2.6649 * 2.7681 * 2.9121 *  75 EFPD 118 % POWER
   * 2.7453 * 2.6590 * 2.7811 * 2.9300 * 125 EFPD 118 % POWER
   * 2.6027 * 2.5227 * 2.6641 * 2.8089 * 250 EFPD 118 % POWER
   * 2.4683 * 2.4023 * 2.5395 * 2.6744 * 350 EFPD 118 % POWER
   * 2.3429 * 2.2907 * 2.4234 * 2.5598 * 500 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 * 1.8047 * 1.8356 * 1.6750 * 1.8974 * 1.5026 * 1.6677 * 1.4098 * 2.7809 *
   * 1.9978 * 1.9787 * 1.7168 * 1.9268 * 1.5760 * 1.7682 * 1.5162 * 2.7741 *
   * 2.0404 * 1.9712 * 1.6567 * 1.9024 * 1.5671 * 1.7987 * 1.5251 * 2.7495 *
   * 1.9847 * 1.8610 * 1.5370 * 1.7955 * 1.5214 * 1.7962 * 1.5195 * 2.6270 *
   * 1.9192 * 1.7916 * 1.4986 * 1.7353 * 1.5070 * 1.7794 * 1.5234 * 2.5176 *
   * 1.8967 * 1.7838 * 1.5343 * 1.7372 * 1.5518 * 1.7940 * 1.5726 * 2.4015 *
   ********************************************************************
 9 * 1.8356 * 1.4493 * 1.8115 * 1.4433 * 1.7167 * 1.4955 * 1.3667 * 2.6873 *
   * 1.9787 * 1.5803 * 1.9461 * 1.5457 * 1.8232 * 1.5813 * 1.4728 * 2.6813 *
   * 1.9712 * 1.6034 * 1.9481 * 1.5614 * 1.8325 * 1.6083 * 1.4838 * 2.6585 *
   * 1.8610 * 1.5581 * 1.8335 * 1.5288 * 1.7503 * 1.6073 * 1.4906 * 2.5422 *
   * 1.7916 * 1.5219 * 1.7637 * 1.4825 * 1.6953 * 1.5964 * 1.4993 * 2.4468 *
   * 1.7838 * 1.5405 * 1.7587 * 1.5033 * 1.7085 * 1.6190 * 1.5561 * 2.3452 *
   ********************************************************************
10 * 1.6750 * 1.8156 * 1.5782 * 1.6290 * 1.3713 * 1.5086 * 1.3441 * 2.7512 *
   * 1.7168 * 1.9497 * 1.7148 * 1.7068 * 1.4590 * 1.5910 * 1.4471 * 2.7821 *
   * 1.6567 * 1.9506 * 1.7414 * 1.7047 * 1.4897 * 1.6084 * 1.4734 * 2.7794 *
   * 1.5370 * 1.8367 * 1.6935 * 1.6262 * 1.4839 * 1.5880 * 1.4801 * 2.6803 *
   * 1.4986 * 1.7665 * 1.6458 * 1.5754 * 1.4476 * 1.5658 * 1.4944 * 2.5795 *
   * 1.5343 * 1.7608 * 1.6555 * 1.5947 * 1.4790 * 1.5948 * 1.5540 * 2.4695 *
   ********************************************************************
11 * 1.8974 * 1.4462 * 1.6333 * 1.3715 * 1.5161 * 1.3685 * 1.3396 * 2.8892 *
   * 1.9268 * 1.5490 * 1.7112 * 1.4871 * 1.5966 * 1.4153 * 1.4196 * 2.9243 *
   * 1.9024 * 1.5644 * 1.7087 * 1.5238 * 1.6091 * 1.4274 * 1.4468 * 2.9256 *
   * 1.7955 * 1.5310 * 1.6294 * 1.4807 * 1.5503 * 1.4369 * 1.4572 * 2.8307 *
   * 1.7353 * 1.4848 * 1.5777 * 1.4428 * 1.5084 * 1.4446 * 1.4709 * 2.7257 *
   * 1.7372 * 1.5050 * 1.5964 * 1.4783 * 1.5309 * 1.5181 * 1.5623 * 2.6150 *
   ********************************************************************
12 * 1.5026 * 1.7180 * 1.3721 * 1.5166 * 1.5037 * 1.3482 * 2.1569 *
   * 1.5760 * 1.8247 * 1.4601 * 1.5971 * 1.6007 * 1.4373 * 2.1641 *
   * 1.5671 * 1.8347 * 1.4907 * 1.6104 * 1.6283 * 1.4551 * 2.1624 *
   * 1.5214 * 1.7520 * 1.4852 * 1.5512 * 1.6151 * 1.4442 * 2.1068 *
   * 1.5070 * 1.6964 * 1.4484 * 1.5091 * 1.5887 * 1.4531 * 2.0535 *
   * 1.5518 * 1.7091 * 1.4795 * 1.5314 * 1.6197 * 1.5208 * 2.0230 *
   ********************************************************************
13 * 1.6677 * 1.4962 * 1.5095 * 1.3692 * 1.3490 * 2.1755 * 3.7457 *
   * 1.7682 * 1.5820 * 1.5918 * 1.4163 * 1.4381 * 2.2271 * 3.7998 *
   * 1.7987 * 1.6089 * 1.6096 * 1.4283 * 1.4560 * 2.2285 * 3.7625 *
   * 1.7962 * 1.6076 * 1.5888 * 1.4374 * 1.4446 * 2.1497 * 3.5114 *
   * 1.7794 * 1.5966 * 1.5663 * 1.4449 * 1.4533 * 2.0715 * 3.2739 *
   * 1.7940 * 1.6191 * 1.5950 * 1.5182 * 1.5211 * 2.0408 * 3.0431 *
   ********************************************************************
14 * 1.4098 * 1.3674 * 1.3448 * 1.3408 * 2.1580 * 3.7970 *
   * 1.5162 * 1.4735 * 1.4481 * 1.4207 * 2.1653 * 3.8441 *
   * 1.5251 * 1.4844 * 1.4741 * 1.4478 * 2.1635 * 3.8058 *
   * 1.5195 * 1.4909 * 1.4805 * 1.4578 * 2.1076 * 3.5485 *
   * 1.5234 * 1.4995 * 1.4946 * 1.4712 * 2.0538 * 3.3054 *
   * 1.5726 * 1.5561 * 1.5540 * 1.5624 * 2.0224 * 3.0686 *
   ********************************************************
15 * 2.7809 * 2.6877 * 2.7534 * 2.8917 *   4 EFPD 118 % POWER
   * 2.7741 * 2.6818 * 2.7843 * 2.9268 *  75 EFPD 118 % POWER
   * 2.7495 * 2.6588 * 2.7814 * 2.9278 * 125 EFPD 118 % POWER
   * 2.6270 * 2.5424 * 2.6813 * 2.8320 * 250 EFPD 118 % POWER
   * 2.5176 * 2.4468 * 2.5800 * 2.7265 * 350 EFPD 118 % POWER
   * 2.4015 * 2.3451 * 2.4696 * 2.6153 * 500 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 * 1.8935 * 1.9278 * 1.7487 * 1.9848 * 1.5524 * 1.7236 * 1.4480 * 2.9178 *
   * 2.0637 * 2.0414 * 1.7563 * 1.9779 * 1.5998 * 1.7974 * 1.5286 * 2.8504 *
   * 2.0987 * 2.0231 * 1.6805 * 1.9433 * 1.5824 * 1.8228 * 1.5286 * 2.8131 *
   * 2.0512 * 1.9180 * 1.5654 * 1.8443 * 1.5485 * 1.8399 * 1.5388 * 2.7125 *
   * 1.9979 * 1.8609 * 1.5395 * 1.7969 * 1.5485 * 1.8392 * 1.5586 * 2.6219 *
   * 1.9689 * 1.8504 * 1.5791 * 1.8006 * 1.5981 * 1.8553 * 1.6122 * 2.4968 *
   ********************************************************************
 9 * 1.9277 * 1.5091 * 1.8970 * 1.4958 * 1.7873 * 1.5403 * 1.4022 * 2.8162 *
   * 2.0414 * 1.6168 * 2.0052 * 1.5725 * 1.8664 * 1.6019 * 1.4834 * 2.7523 *
   * 2.0231 * 1.6322 * 1.9967 * 1.5805 * 1.8695 * 1.6256 * 1.4859 * 2.7173 *
   * 1.9180 * 1.5889 * 1.8856 * 1.5516 * 1.7966 * 1.6424 * 1.5091 * 2.6228 *
   * 1.8609 * 1.5640 * 1.8273 * 1.5174 * 1.7547 * 1.6461 * 1.5337 * 2.5466 *
   * 1.8504 * 1.5839 * 1.8228 * 1.5423 * 1.7702 * 1.6708 * 1.5945 * 2.4387 *
   ********************************************************************
10 * 1.7487 * 1.9016 * 1.6447 * 1.6927 * 1.4121 * 1.5547 * 1.3782 * 2.8814 *
   * 1.7563 * 2.0090 * 1.7603 * 1.7430 * 1.4744 * 1.6127 * 1.4557 * 2.8550 *
   * 1.6805 * 1.9993 * 1.7809 * 1.7333 * 1.5001 * 1.6297 * 1.4750 * 2.8414 *
   * 1.5654 * 1.8890 * 1.7420 * 1.6638 * 1.5023 * 1.6259 * 1.4986 * 2.7741 *
   * 1.5395 * 1.8303 * 1.7066 * 1.6252 * 1.4788 * 1.6182 * 1.5297 * 2.6954 *
   * 1.5791 * 1.8251 * 1.7167 * 1.6475 * 1.5148 * 1.6482 * 1.5917 * 2.5810 *
   ********************************************************************
11 * 1.9847 * 1.4990 * 1.6975 * 1.4148 * 1.5696 * 1.4074 * 1.3746 * 3.0298 *
   * 1.9779 * 1.5760 * 1.7478 * 1.5073 * 1.6255 * 1.4258 * 1.4277 * 3.0043 *
   * 1.9433 * 1.5837 * 1.7376 * 1.5397 * 1.6328 * 1.4328 * 1.4508 * 2.9947 *
   * 1.8443 * 1.5549 * 1.6671 * 1.5011 * 1.5860 * 1.4582 * 1.4755 * 2.9263 *
   * 1.7969 * 1.5198 * 1.6276 * 1.4752 * 1.5569 * 1.4824 * 1.5057 * 2.8427 *
   * 1.8006 * 1.5440 * 1.6492 * 1.5138 * 1.5798 * 1.5574 * 1.5985 * 2.7230 *
   ********************************************************************
12 * 1.5524 * 1.7887 * 1.4130 * 1.5701 * 1.5559 * 1.3880 * 2.2606 *
   * 1.5998 * 1.8681 * 1.4756 * 1.6267 * 1.6293 * 1.4511 * 2.2210 *
   * 1.5824 * 1.8718 * 1.5012 * 1.6340 * 1.6538 * 1.4622 * 2.2107 *
   * 1.5485 * 1.7984 * 1.5036 * 1.5869 * 1.6566 * 1.4653 * 2.1758 *
   * 1.5485 * 1.7559 * 1.4797 * 1.5576 * 1.6444 * 1.4896 * 2.1404 *
   * 1.5981 * 1.7708 * 1.5153 * 1.5802 * 1.6713 * 1.5547 * 2.1022 *
   ************************************************************
13 * 1.7236 * 1.5412 * 1.5557 * 1.4082 * 1.3889 * 2.2721 * 3.9547 *
   * 1.7974 * 1.6028 * 1.6137 * 1.4270 * 1.4520 * 2.2813 * 3.9309 *
   * 1.8228 * 1.6265 * 1.6310 * 1.4338 * 1.4632 * 2.2743 * 3.8767 *
   * 1.8399 * 1.6428 * 1.6268 * 1.4588 * 1.4658 * 2.2143 * 3.6498 *
   * 1.8392 * 1.6463 * 1.6187 * 1.4827 * 1.4899 * 2.1535 * 3.4326 *
   * 1.8553 * 1.6708 * 1.6483 * 1.5575 * 1.5551 * 2.1141 * 3.1761 *
   ************************************************************
14 * 1.4480 * 1.4030 * 1.3790 * 1.3759 * 2.2617 * 4.0149 *
   * 1.5286 * 1.4842 * 1.4568 * 1.4289 * 2.2220 * 3.9826 *
   * 1.5286 * 1.4866 * 1.4758 * 1.4520 * 2.2117 * 3.9270 *
   * 1.5388 * 1.5094 * 1.4990 * 1.4762 * 2.1775 * 3.6931 *
   * 1.5586 * 1.5339 * 1.5299 * 1.5060 * 2.1405 * 3.4699 *
   * 1.6123 * 1.5945 * 1.5917 * 1.5986 * 2.1014 * 3.2067 *
   ******************************************************
15 * 2.9178 * 2.8167 * 2.8840 * 3.0327 *   4 EFPD 118 % POWER
   * 2.8503 * 2.7528 * 2.8576 * 3.0070 *  75 EFPD 118 % POWER
   * 2.8131 * 2.7177 * 2.8436 * 2.9971 * 125 EFPD 118 % POWER
   * 2.7125 * 2.6229 * 2.7755 * 2.9278 * 250 EFPD 118 % POWER
   * 2.6219 * 2.5466 * 2.6959 * 2.8436 * 350 EFPD 118 % POWER
   * 2.4968 * 2.4386 * 2.5811 * 2.7233 * 500 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 | 2.0162 | 2.0517 | 1.8520 | 2.0973 | 1.6272 | 1.8040 | 1.5105 | 3.0730 |
| | 2.1741 | 2.1438 | 1.8341 | 2.0650 | 1.6575 | 1.8599 | 1.5739 | 2.9642 |
| | 2.2036 | 2.1161 | 1.7431 | 2.0215 | 1.6333 | 1.8821 | 1.5674 | 2.9164 |
| | 2.1635 | 2.0135 | 1.6300 | 1.9293 | 1.6106 | 1.9187 | 1.5927 | 2.8352 |
| | 2.1189 | 1.9649 | 1.6131 | 1.8910 | 1.6223 | 1.9308 | 1.6257 | 2.7571 |
| | 2.0744 | 1.9413 | 1.6459 | 1.8808 | 1.6629 | 1.9302 | 1.6692 | 2.6014 |
| 9 | 2.0517 | 1.5951 | 2.0098 | 1.5740 | 1.8833 | 1.6100 | 1.4632 | 2.9650 |
| | 2.1438 | 1.6882 | 2.1014 | 1.6326 | 1.9441 | 1.6540 | 1.5263 | 2.8604 |
| | 2.1161 | 1.6977 | 2.0844 | 1.6349 | 1.9428 | 1.6758 | 1.5230 | 2.8144 |
| | 2.0135 | 1.6574 | 1.9752 | 1.6106 | 1.8781 | 1.7103 | 1.5618 | 2.7396 |
| | 1.9649 | 1.6412 | 1.9253 | 1.5848 | 1.8459 | 1.7254 | 1.6000 | 2.6767 |
| | 1.9413 | 1.6542 | 1.9071 | 1.6053 | 1.8519 | 1.7374 | 1.6541 | 2.5388 |
| 10 | 1.8520 | 2.0149 | 1.7376 | 1.7840 | 1.4807 | 1.6276 | 1.4386 | 3.0366 |
| | 1.8341 | 2.1056 | 1.8385 | 1.8130 | 1.5233 | 1.6667 | 1.4972 | 2.9675 |
| | 1.7431 | 2.0873 | 1.8549 | 1.7972 | 1.5453 | 1.6854 | 1.5117 | 2.9449 |
| | 1.6300 | 1.9787 | 1.8246 | 1.7355 | 1.5569 | 1.6976 | 1.5513 | 2.9010 |
| | 1.6131 | 1.9288 | 1.7981 | 1.7058 | 1.5434 | 1.7018 | 1.5960 | 2.8363 |
| | 1.6459 | 1.9095 | 1.7999 | 1.7231 | 1.5784 | 1.7264 | 1.6542 | 2.6929 |
| 11 | 2.0973 | 1.5776 | 1.7894 | 1.4878 | 1.6534 | 1.4737 | 1.4365 | 3.1988 |
| | 2.0650 | 1.6364 | 1.8183 | 1.5631 | 1.6870 | 1.4697 | 1.4686 | 3.1249 |
| | 2.0215 | 1.6383 | 1.8019 | 1.5911 | 1.6917 | 1.4727 | 1.4877 | 3.1067 |
| | 1.9293 | 1.6140 | 1.7391 | 1.5579 | 1.6556 | 1.5141 | 1.5287 | 3.0630 |
| | 1.8910 | 1.5873 | 1.7084 | 1.5411 | 1.6359 | 1.5521 | 1.5722 | 2.9947 |
| | 1.8808 | 1.6070 | 1.7248 | 1.5782 | 1.6547 | 1.6250 | 1.6627 | 2.8498 |
| 12 | 1.6272 | 1.8848 | 1.4818 | 1.6539 | 1.6395 | 1.4575 | 2.3899 | |
| | 1.6575 | 1.9459 | 1.5247 | 1.6884 | 1.6952 | 1.5001 | 2.3091 | |
| | 1.6333 | 1.9453 | 1.5464 | 1.6930 | 1.7178 | 1.5059 | 2.2920 | |
| | 1.6106 | 1.8799 | 1.5583 | 1.6565 | 1.7360 | 1.5233 | 2.2763 | |
| | 1.6223 | 1.8471 | 1.5443 | 1.6365 | 1.7348 | 1.5603 | 2.2546 | |
| | 1.6629 | 1.8524 | 1.5788 | 1.6551 | 1.7542 | 1.6207 | 2.2011 | |
| 13 | 1.8040 | 1.6111 | 1.6288 | 1.4748 | 1.4585 | 2.4059 | 4.2075 | |
| | 1.8599 | 1.6551 | 1.6680 | 1.4709 | 1.5011 | 2.3781 | 4.1148 | |
| | 1.8821 | 1.6764 | 1.6869 | 1.4738 | 1.5070 | 2.3641 | 4.0460 | |
| | 1.9187 | 1.7108 | 1.6986 | 1.5147 | 1.5238 | 2.3206 | 3.8399 | |
| | 1.9308 | 1.7257 | 1.7024 | 1.5524 | 1.5606 | 2.2721 | 3.6345 | |
| | 1.9303 | 1.7374 | 1.7266 | 1.6251 | 1.6210 | 2.2148 | 3.3382 | |
| 14 | 1.5105 | 1.4642 | 1.4396 | 1.4380 | 2.3910 | 4.2766 | | |
| | 1.5739 | 1.5271 | 1.4985 | 1.4700 | 2.3102 | 4.1739 | | |
| | 1.5674 | 1.5238 | 1.5127 | 1.4890 | 2.2931 | 4.1032 | | |
| | 1.5927 | 1.5622 | 1.5518 | 1.5293 | 2.2778 | 3.8897 | | |
| | 1.6257 | 1.6001 | 1.5961 | 1.5725 | 2.2545 | 3.6777 | | |
| | 1.6692 | 1.6541 | 1.6542 | 1.6627 | 2.2001 | 3.3736 | | |
| 15 | 3.0730 | 2.9657 | 3.0395 | 3.2021 | 4 EFPD 118 % POWER | | | |
| | 2.9642 | 2.8610 | 2.9703 | 3.1280 | 75 EFPD 118 % POWER | | | |
| | 2.9164 | 2.8149 | 2.9473 | 3.1094 | 125 EFPD 118 % POWER | | | |
| | 2.8352 | 2.7398 | 2.9025 | 3.0646 | 250 EFPD 118 % POWER | | | |
| | 2.7571 | 2.6767 | 2.8369 | 2.9955 | 350 EFPD 118 % POWER | | | |
| | 2.6014 | 2.5386 | 2.6930 | 2.8501 | 500 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 | 2.1571 | 2.1885 | 1.9607 | 2.2166 | 1.7058 | 1.8918 | 1.5778 | 3.2456 |
| | 2.3064 | 2.2610 | 1.9218 | 2.1642 | 1.7252 | 1.9375 | 1.6313 | 3.1004 |
| | 2.3324 | 2.2267 | 1.8182 | 2.1158 | 1.6974 | 1.9597 | 1.6207 | 3.0481 |
| | 2.3015 | 2.1297 | 1.7097 | 2.0332 | 1.6876 | 2.0164 | 1.6615 | 2.9878 |
| | 2.2670 | 2.0907 | 1.7028 | 2.0053 | 1.7114 | 2.0415 | 1.7077 | 2.9220 |
| | 2.1976 | 2.0467 | 1.7236 | 1.9795 | 1.7408 | 2.0238 | 1.7380 | 2.7377 |
| 9 | 2.1885 | 1.6859 | 2.1307 | 1.6573 | 1.9879 | 1.6866 | 1.5294 | 3.1359 |
| | 2.2610 | 1.7698 | 2.2106 | 1.7048 | 2.0381 | 1.7216 | 1.5825 | 2.9975 |
| | 2.2267 | 1.7761 | 2.1888 | 1.7038 | 2.0345 | 1.7418 | 1.5758 | 2.9478 |
| | 2.1297 | 1.7412 | 2.0836 | 1.6855 | 1.9804 | 1.7950 | 1.6303 | 2.8944 |
| | 2.0907 | 1.7341 | 2.0433 | 1.6690 | 1.9583 | 1.8218 | 1.6820 | 2.8428 |
| | 2.0467 | 1.7320 | 2.0078 | 1.6761 | 1.9469 | 1.8173 | 1.7215 | 2.6741 |
| 10 | 1.9607 | 2.1363 | 1.8367 | 1.8820 | 1.5552 | 1.7069 | 1.5033 | 3.2135 |
| | 1.9218 | 2.2151 | 1.9306 | 1.8984 | 1.5878 | 1.7373 | 1.5541 | 3.1137 |
| | 1.8182 | 2.1918 | 1.9452 | 1.8788 | 1.6083 | 1.7600 | 1.5651 | 3.0862 |
| | 1.7097 | 2.0875 | 1.9259 | 1.8265 | 1.6294 | 1.7899 | 1.6209 | 3.0663 |
| | 1.7028 | 2.0472 | 1.9092 | 1.8068 | 1.6258 | 1.8060 | 1.6796 | 3.0178 |
| | 1.7236 | 2.0103 | 1.8927 | 1.8073 | 1.6483 | 1.8115 | 1.7208 | 2.8371 |
| 11 | 2.2166 | 1.6612 | 1.8879 | 1.5691 | 1.7485 | 1.5457 | 1.5055 | 3.3999 |
| | 2.1642 | 1.7088 | 1.9040 | 1.6363 | 1.7687 | 1.5307 | 1.5264 | 3.2904 |
| | 2.1158 | 1.7075 | 1.8838 | 1.6595 | 1.7712 | 1.5310 | 1.5433 | 3.2678 |
| | 2.0332 | 1.6891 | 1.8304 | 1.6336 | 1.7470 | 1.5894 | 1.6008 | 3.2500 |
| | 2.0053 | 1.6717 | 1.8095 | 1.6258 | 1.7373 | 1.6410 | 1.6572 | 3.1950 |
| | 1.9795 | 1.6779 | 1.8092 | 1.6508 | 1.7399 | 1.7024 | 1.7343 | 3.0012 |
| 12 | 1.7058 | 1.9895 | 1.5564 | 1.7490 | 1.7390 | 1.5370 | 2.5424 | |
| | 1.7252 | 2.0400 | 1.5893 | 1.7702 | 1.7862 | 1.5674 | 2.4347 | |
| | 1.6974 | 2.0372 | 1.6095 | 1.7725 | 1.8083 | 1.5706 | 2.4134 | |
| | 1.6876 | 1.9823 | 1.6309 | 1.7479 | 1.8428 | 1.6023 | 2.4174 | |
| | 1.7114 | 1.9595 | 1.6267 | 1.7380 | 1.8532 | 1.6517 | 2.4084 | |
| | 1.7408 | 1.9473 | 1.6487 | 1.7403 | 1.8563 | 1.7019 | 2.3268 | |
| 13 | 1.8918 | 1.6879 | 1.7084 | 1.5469 | 1.5381 | 2.5657 | 4.4947 | |
| | 1.9375 | 1.7230 | 1.7388 | 1.5321 | 1.5688 | 2.5122 | 4.3579 | |
| | 1.9597 | 1.7426 | 1.7613 | 1.5322 | 1.5718 | 2.4939 | 4.2784 | |
| | 2.0164 | 1.7955 | 1.7910 | 1.5901 | 1.6028 | 2.4677 | 4.0926 | |
| | 2.0415 | 1.8221 | 1.8067 | 1.6412 | 1.6520 | 2.4297 | 3.8955 | |
| | 2.0238 | 1.8174 | 1.8117 | 1.7023 | 1.7022 | 2.3467 | 3.5388 | |
| 14 | 1.5778 | 1.5305 | 1.5045 | 1.5071 | 2.5435 | 4.5741 | | |
| | 1.6313 | 1.5835 | 1.5555 | 1.5280 | 2.4359 | 4.4258 | | |
| | 1.6207 | 1.5766 | 1.5662 | 1.5446 | 2.4144 | 4.3438 | | |
| | 1.6615 | 1.6307 | 1.6214 | 1.6015 | 2.4186 | 4.1502 | | |
| | 1.7077 | 1.6822 | 1.6798 | 1.6574 | 2.4100 | 3.9461 | | |
| | 1.7380 | 1.7215 | 1.7208 | 1.7343 | 2.3256 | 3.5800 | | |
| 15 | 3.2456 | 3.1367 | 3.2168 | 3.4037 | 4 EFPD 118 % POWER | | | |
| | 3.1004 | 2.9982 | 3.1168 | 3.2939 | 75 EFPD 118 % POWER | | | |
| | 3.0481 | 2.9483 | 3.0889 | 3.2708 | 125 EFPD 118 % POWER | | | |
| | 2.9878 | 2.8946 | 3.0678 | 3.2518 | 250 EFPD 118 % POWER | | | |
| | 2.9220 | 2.8428 | 3.0186 | 3.1960 | 350 EFPD 118 % POWER | | | |
| | 2.7377 | 2.6739 | 2.8374 | 3.0018 | 500 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)

```
      H        G        F        E        D        C        B        A
   ********************************************************************************
 8 * 2.3145 * 2.3458 * 2.0986 * 2.3801 * 1.8304 * 2.0171 * 1.6862 * 3.4193 *
   * 2.4501 * 2.4038 * 2.0514 * 2.3055 * 1.8368 * 2.0509 * 1.7300 * 3.2394 *
   * 2.4784 * 2.3713 * 1.9408 * 2.2497 * 1.8062 * 2.0733 * 1.7168 * 3.1800 *
   * 2.4725 * 2.2801 * 1.8332 * 2.1738 * 1.8081 * 2.1492 * 1.7733 * 3.1381 *
   * 2.4439 * 2.2456 * 1.8329 * 2.1513 * 1.8400 * 2.1814 * 1.8292 * 3.0770 *
   * 2.3733 * 2.1993 * 1.8545 * 2.1226 * 1.8705 * 2.1614 * 1.8570 * 2.8764 *
   ********************************************************************************
 9 * 2.3458 * 1.8174 * 2.2903 * 1.7790 * 2.1274 * 1.7989 * 1.6341 * 3.2960 *
   * 2.4038 * 1.8940 * 2.3590 * 1.8175 * 2.1674 * 1.8236 * 1.6787 * 3.1239 *
   * 2.3713 * 1.8975 * 2.3330 * 1.8147 * 2.1619 * 1.8439 * 1.6708 * 3.0685 *
   * 2.2801 * 1.8699 * 2.2290 * 1.8057 * 2.1158 * 1.9146 * 1.7420 * 3.0322 *
   * 2.2456 * 1.8695 * 2.1916 * 1.7951 * 2.0994 * 1.9480 * 1.8041 * 2.9869 *
   * 2.1993 * 1.8652 * 2.1534 * 1.8003 * 2.0700 * 1.9391 * 1.8394 * 2.8061 *
   ********************************************************************************
10 * 2.0986 * 2.2964 * 1.9712 * 2.0160 * 1.6703 * 1.8229 * 1.6076 * 3.3895 *
   * 2.0514 * 2.3639 * 2.0585 * 2.0204 * 1.6933 * 1.8432 * 1.6525 * 3.2552 *
   * 1.9408 * 2.3363 * 2.0725 * 1.9977 * 1.7146 * 1.8674 * 1.6613 * 3.2252 *
   * 1.8332 * 2.2335 * 2.0614 * 1.9525 * 1.7477 * 1.9190 * 1.7343 * 3.2110 *
   * 1.8329 * 2.1959 * 2.0508 * 1.9374 * 1.7523 * 1.9440 * 1.8035 * 3.1624 *
   * 1.8545 * 2.1562 * 2.0303 * 1.9334 * 1.7680 * 1.9384 * 1.8392 * 2.9610 *
   ********************************************************************************
11 * 2.3801 * 1.7833 * 2.0223 * 1.6914 * 1.8815 * 1.6601 * 1.6135 * 3.5763 *
   * 2.3055 * 1.8220 * 2.0265 * 1.7510 * 1.8871 * 1.6337 * 1.6238 * 3.4356 *
   * 2.2497 * 1.8187 * 2.0032 * 1.7701 * 1.8883 * 1.6332 * 1.6419 * 3.4101 *
   * 2.1738 * 1.8095 * 1.9563 * 1.7524 * 1.8739 * 1.7085 * 1.7174 * 3.4151 *
   * 2.1513 * 1.7980 * 1.9403 * 1.7523 * 1.8693 * 1.7729 * 1.7856 * 3.3665 *
   * 2.1226 * 1.8022 * 1.9354 * 1.7717 * 1.8623 * 1.8243 * 1.8530 * 3.1483 *
   ********************************************************************************
12 * 1.8304 * 2.1292 * 1.6717 * 1.8820 * 1.8737 * 1.6565 * 2.6812 *
   * 1.8368 * 2.1695 * 1.6949 * 1.8887 * 1.9110 * 1.6750 * 2.5483 *
   * 1.8062 * 2.1649 * 1.7160 * 1.8897 * 1.9338 * 1.6776 * 2.5249 *
   * 1.8081 * 2.1178 * 1.7493 * 1.8748 * 1.9845 * 1.7276 * 2.5477 *
   * 1.8400 * 2.1006 * 1.7533 * 1.8699 * 2.0044 * 1.7902 * 2.5456 *
   * 1.8705 * 2.0712 * 1.7684 * 1.8626 * 1.9928 * 1.8239 * 2.4334 *
   ************************************************************************
13 * 2.0171 * 1.8004 * 1.8246 * 1.6615 * 1.6578 * 2.7367 * 4.7566 *
   * 2.0509 * 1.8246 * 1.8450 * 1.6352 * 1.6765 * 2.6606 * 4.5760 *
   * 2.0733 * 1.8449 * 1.8690 * 1.6345 * 1.6788 * 2.6390 * 4.4893 *
   * 2.1492 * 1.9151 * 1.9203 * 1.7092 * 1.7282 * 2.6286 * 4.3231 *
   * 2.1814 * 1.9484 * 1.9448 * 1.7731 * 1.7904 * 2.5962 * 4.1265 *
   * 2.1614 * 1.9392 * 1.9386 * 1.8242 * 1.8243 * 2.4782 * 3.7100 *
   ********************************************************************
14 * 1.6862 * 1.6355 * 1.6090 * 1.6153 * 2.6830 * 4.8392 *
   * 1.7300 * 1.6798 * 1.6541 * 1.6255 * 2.5500 * 4.6459 *
   * 1.7168 * 1.6718 * 1.6625 * 1.6434 * 2.5266 * 4.5570 *
   * 1.7733 * 1.7425 * 1.7348 * 1.7182 * 2.5485 * 4.3817 *
   * 1.8292 * 1.8043 * 1.8037 * 1.7859 * 2.5457 * 4.1777 *
   * 1.8570 * 1.8393 * 1.8391 * 1.8529 * 2.4325 * 3.7561 *
   ************************************************************
15 * 3.4193 * 3.2968 * 3.3931 * 3.5805 *   4 EFPD 118 % POWER
   * 3.2394 * 3.1247 * 3.2586 * 3.4394 *  75 EFPD 118 % POWER
   * 3.1800 * 3.0691 * 3.2281 * 3.4133 * 125 EFPD 118 % POWER
   * 3.1381 * 3.0324 * 3.2123 * 3.4169 * 250 EFPD 118 % POWER
   * 3.0770 * 2.9869 * 3.1629 * 3.3674 * 350 EFPD 118 % POWER
   * 2.8764 * 2.8060 * 2.9611 * 3.1486 * 500 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 * 2.4179 * 2.4508 * 2.1732 * 2.4817 * 1.9026 * 2.1040 * 1.7470 * 3.6320 *
   * 2.5451 * 2.4935 * 2.1102 * 2.4015 * 1.9018 * 2.1298 * 1.7825 * 3.4181 *
   * 2.5742 * 2.4591 * 2.0026 * 2.3520 * 1.8698 * 2.1555 * 1.7687 * 3.3567 *
   * 2.5880 * 2.3998 * 1.9172 * 2.2904 * 1.8883 * 2.2554 * 1.8422 * 3.3373 *
   * 2.5846 * 2.3880 * 1.9285 * 2.2792 * 1.9337 * 2.3023 * 1.9109 * 3.2857 *
   * 2.5333 * 2.3528 * 1.9628 * 2.2613 * 1.9748 * 2.2868 * 1.9462 * 3.0757 *
   ********************************************************************
 9 * 2.4508 * 1.8806 * 2.3883 * 1.8595 * 2.2352 * 1.8759 * 1.6979 * 3.5042 *
   * 2.4935 * 1.9482 * 2.4437 * 1.8891 * 2.2680 * 1.8903 * 1.7331 * 3.2989 *
   * 2.4591 * 1.9572 * 2.4184 * 1.8864 * 2.2642 * 1.9139 * 1.7245 * 3.2401 *
   * 2.3998 * 1.9582 * 2.3499 * 1.8854 * 2.2346 * 2.0058 * 1.8132 * 3.2266 *
   * 2.3880 * 1.9686 * 2.3271 * 1.8853 * 2.2298 * 2.0523 * 1.8891 * 3.1895 *
   * 2.3528 * 1.9758 * 2.2984 * 1.9004 * 2.2228 * 2.0488 * 1.9315 * 2.9965 *
   ********************************************************************
10 * 2.1732 * 2.3943 * 2.0736 * 2.1178 * 1.7491 * 1.9064 * 1.6716 * 3.6019 *
   * 2.1102 * 2.4486 * 2.1558 * 2.1112 * 1.7632 * 1.9196 * 1.7117 * 3.4393 *
   * 2.0026 * 2.4216 * 2.1714 * 2.0882 * 1.7858 * 1.9465 * 1.7178 * 3.4083 *
   * 1.9172 * 2.3540 * 2.1782 * 2.0579 * 1.8295 * 2.0279 * 1.8089 * 3.4360 *
   * 1.9285 * 2.3314 * 2.1795 * 2.0547 * 1.8455 * 2.0653 * 1.8918 * 3.4011 *
   * 1.9628 * 2.3013 * 2.1673 * 2.0607 * 1.8688 * 2.0671 * 1.9347 * 3.1944 *
   ********************************************************************
11 * 2.4817 * 1.8640 * 2.1247 * 1.7750 * 1.9835 * 1.7359 * 1.6874 * 3.8197 *
   * 2.4015 * 1.8938 * 2.1177 * 1.8279 * 1.9801 * 1.6998 * 1.6878 * 3.6486 *
   * 2.3520 * 1.8906 * 2.0939 * 1.8459 * 1.9816 * 1.6984 * 1.7048 * 3.6228 *
   * 2.2904 * 1.8892 * 2.0623 * 1.8392 * 1.9826 * 1.7934 * 1.7975 * 3.6573 *
   * 2.2792 * 1.8882 * 2.0578 * 1.8488 * 1.9888 * 1.8717 * 1.8781 * 3.6187 *
   * 2.2613 * 1.9024 * 2.0628 * 1.8738 * 1.9871 * 1.9316 * 1.9529 * 3.3864 *
   ********************************************************************
12 * 1.9026 * 2.2371 * 1.7506 * 1.9840 * 1.9750 * 1.7377 * 2.8860 *
   * 1.9018 * 2.2702 * 1.7649 * 1.9818 * 2.0058 * 1.7448 * 2.7230 *
   * 1.8698 * 2.2671 * 1.7873 * 1.9830 * 2.0319 * 1.7479 * 2.6977 *
   * 1.8883 * 2.2367 * 1.8312 * 1.9836 * 2.1033 * 1.8123 * 2.7427 *
   * 1.9336 * 2.2310 * 1.8465 * 1.9893 * 2.1341 * 1.8862 * 2.7520 *
   * 1.9748 * 2.2232 * 1.8691 * 1.9874 * 2.1261 * 1.9257 * 2.6357 *
   ************************************************************
13 * 2.1040 * 1.8776 * 1.9084 * 1.7374 * 1.7390 * 2.9255 * 5.1109 *
   * 2.1298 * 1.8915 * 1.9216 * 1.7014 * 1.7464 * 2.8241 * 4.9051 *
   * 2.1555 * 1.9149 * 1.9482 * 1.6998 * 1.7492 * 2.8017 * 4.8123 *
   * 2.2554 * 2.0064 * 2.0293 * 1.7941 * 1.8129 * 2.8119 * 4.6665 *
   * 2.3023 * 2.0527 * 2.0660 * 1.8719 * 1.8864 * 2.7891 * 4.4680 *
   * 2.2868 * 2.0490 * 2.0673 * 1.9315 * 1.9260 * 2.6663 * 4.0238 *
   ************************************************************
14 * 1.7470 * 1.6994 * 1.6731 * 1.6894 * 2.8875 * 5.2062 *
   * 1.7825 * 1.7343 * 1.7132 * 1.6897 * 2.7246 * 4.9896 *
   * 1.7687 * 1.7256 * 1.7191 * 1.7064 * 2.6990 * 4.8935 *
   * 1.8422 * 1.8137 * 1.8095 * 1.7983 * 2.7441 * 4.7394 *
   * 1.9109 * 1.8892 * 1.8919 * 1.8783 * 2.7524 * 4.5331 *
   * 1.9462 * 1.9314 * 1.9346 * 1.9529 * 2.6344 * 4.0768 *
   ******************************************************
15 * 3.6320 * 3.5052 * 3.6059 * 3.8243 *   4 EFPD 118 % POWER
   * 3.4181 * 3.2998 * 3.4430 * 3.6528 *  75 EFPD 118 % POWER
   * 3.3567 * 3.2408 * 3.4115 * 3.6264 * 125 EFPD 118 % POWER
   * 3.3373 * 3.2268 * 3.4373 * 3.6594 * 250 EFPD 118 % POWER
   * 3.2857 * 3.1895 * 3.4016 * 3.6199 * 350 EFPD 118 % POWER
   * 3.0757 * 2.9963 * 3.1944 * 3.3867 * 500 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 | 2.5302 | 2.5665 | 2.2721 | 2.5975 | 2.0032 | 2.2246 | 1.8428 | 3.8137 |
| | 2.6548 | 2.6019 | 2.1971 | 2.5020 | 1.9943 | 2.2405 | 1.8697 | 3.5992 |
| | 2.6777 | 2.5642 | 2.0829 | 2.4511 | 1.9632 | 2.2695 | 1.8538 | 3.5354 |
| | 2.7210 | 2.5217 | 2.0150 | 2.4162 | 1.9987 | 2.3942 | 1.9463 | 3.5382 |
| | 2.7336 | 2.5243 | 2.0465 | 2.4244 | 2.0620 | 2.4541 | 2.0292 | 3.4959 |
| | 2.6998 | 2.5128 | 2.1025 | 2.4263 | 2.1188 | 2.4456 | 2.0737 | 3.2797 |
| 9 | 2.5665 | 1.9636 | 2.4997 | 1.9451 | 2.3643 | 1.9820 | 1.7921 | 3.6811 |
| | 2.6019 | 2.0265 | 2.5494 | 1.9733 | 2.3909 | 1.9861 | 1.8184 | 3.4711 |
| | 2.5642 | 2.0363 | 2.5234 | 1.9761 | 2.3795 | 2.0129 | 1.8095 | 3.4090 |
| | 2.5217 | 2.0517 | 2.4687 | 1.9956 | 2.3733 | 2.1264 | 1.9170 | 3.4170 |
| | 2.5243 | 2.0832 | 2.4675 | 2.0111 | 2.3835 | 2.1865 | 2.0077 | 3.3896 |
| | 2.5128 | 2.1107 | 2.4617 | 2.0367 | 2.3903 | 2.1903 | 2.0599 | 3.1939 |
| 10 | 2.2721 | 2.5062 | 2.1750 | 2.2230 | 1.8479 | 2.0159 | 1.7642 | 3.8016 |
| | 2.1971 | 2.5546 | 2.2501 | 2.2126 | 1.8534 | 2.0211 | 1.7961 | 3.6252 |
| | 2.0829 | 2.5268 | 2.2694 | 2.1937 | 1.8781 | 2.0516 | 1.8033 | 3.5933 |
| | 2.0150 | 2.4730 | 2.3004 | 2.1844 | 1.9379 | 2.1569 | 1.9135 | 3.6458 |
| | 2.0465 | 2.4715 | 2.3194 | 2.1966 | 1.9648 | 2.2070 | 2.0105 | 3.6201 |
| | 2.1025 | 2.4647 | 2.3244 | 2.2127 | 2.0005 | 2.2173 | 2.0626 | 3.4071 |
| 11 | 2.5975 | 1.9496 | 2.2300 | 1.8788 | 2.1026 | 1.8313 | 1.7788 | 4.0315 |
| | 2.5020 | 1.9779 | 2.2192 | 1.9253 | 2.0882 | 1.7863 | 1.7700 | 3.8474 |
| | 2.4511 | 1.9803 | 2.1995 | 1.9435 | 2.0900 | 1.7858 | 1.7885 | 3.8207 |
| | 2.4162 | 1.9996 | 2.1888 | 1.9492 | 2.1077 | 1.9022 | 1.9015 | 3.8831 |
| | 2.4244 | 2.0142 | 2.1998 | 1.9709 | 2.1256 | 1.9967 | 1.9968 | 3.8556 |
| | 2.4263 | 2.0388 | 2.2149 | 2.0082 | 2.1347 | 2.0701 | 2.0847 | 3.6143 |
| 12 | 2.0032 | 2.3662 | 1.8495 | 2.1032 | 2.0945 | 1.8394 | 3.0513 | |
| | 1.9943 | 2.3930 | 1.8553 | 2.0899 | 2.1179 | 1.8362 | 2.8700 | |
| | 1.9632 | 2.3828 | 1.8796 | 2.0915 | 2.1474 | 1.8407 | 2.8449 | |
| | 1.9987 | 2.3753 | 1.9396 | 2.1086 | 2.2409 | 1.9243 | 2.9139 | |
| | 2.0620 | 2.3846 | 1.9657 | 2.1261 | 2.2854 | 2.0133 | 2.9358 | |
| | 2.1188 | 2.3905 | 2.0008 | 2.1348 | 2.2867 | 2.0641 | 2.8204 | |
| 13 | 2.2246 | 1.9834 | 2.0182 | 1.8331 | 1.8408 | 3.0987 | 5.3515 | |
| | 2.2405 | 1.9874 | 2.0234 | 1.7881 | 1.8380 | 2.9836 | 5.1299 | |
| | 2.2695 | 2.0141 | 2.0536 | 1.7873 | 1.8422 | 2.9611 | 5.0470 | |
| | 2.3942 | 2.1271 | 2.1583 | 1.9029 | 1.9250 | 2.9939 | 4.9321 | |
| | 2.4541 | 2.1869 | 2.2078 | 1.9969 | 2.0135 | 2.9819 | 4.7455 | |
| | 2.4456 | 2.1905 | 2.2176 | 2.0700 | 2.0645 | 2.8593 | 4.2951 | |
| 14 | 1.8428 | 1.7938 | 1.7659 | 1.7810 | 3.0526 | 5.4557 | | |
| | 1.8697 | 1.8198 | 1.7980 | 1.7720 | 2.8716 | 5.2194 | | |
| | 1.8538 | 1.8107 | 1.8048 | 1.7901 | 2.8461 | 5.1341 | | |
| | 1.9463 | 1.9175 | 1.9141 | 1.9023 | 2.9153 | 5.0113 | | |
| | 2.0292 | 2.0078 | 2.0106 | 1.9970 | 2.9355 | 4.8162 | | |
| | 2.0737 | 2.0597 | 2.0624 | 2.0845 | 2.8188 | 4.3535 | | |
| 15 | 3.8137 | 3.6821 | 3.8057 | 4.0364 | 4 EFPD 118 % POWER | | | |
| | 3.5992 | 3.4721 | 3.6292 | 3.8521 | 75 EFPD 118 % POWER | | | |
| | 3.5354 | 3.4098 | 3.5967 | 3.8246 | 125 EFPD 118 % POWER | | | |
| | 3.5382 | 3.4172 | 3.6472 | 3.8852 | 250 EFPD 118 % POWER | | | |
| | 3.4959 | 3.3896 | 3.6206 | 3.8566 | 350 EFPD 118 % POWER | | | |
| | 3.2797 | 3.1936 | 3.4071 | 3.6146 | 500 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 * 2.5678 * 2.5991 * 2.3046 * 2.6335 * 2.0335 * 2.2531 * 1.8800 * 3.8906 *
   * 2.6165 * 2.5568 * 2.1688 * 2.4638 * 1.9690 * 2.2102 * 1.8565 * 3.5476 *
   * 2.6272 * 2.5033 * 2.0462 * 2.4027 * 1.9346 * 2.2397 * 1.8493 * 3.4855 *
   * 2.6685 * 2.4741 * 1.9993 * 2.3944 * 1.9908 * 2.4150 * 1.9908 * 3.5766 *
   * 2.7131 * 2.5115 * 2.0506 * 2.4244 * 2.0774 * 2.5099 * 2.1089 * 3.5827 *
   * 2.7833 * 2.5829 * 2.1873 * 2.5060 * 2.2169 * 2.5901 * 2.2406 * 3.4680 *
   ********************************************************************
 9 * 2.5991 * 1.9986 * 2.5317 * 1.9890 * 2.3936 * 2.0194 * 1.8359 * 3.7460 *
   * 2.5568 * 2.0023 * 2.5055 * 1.9607 * 2.3588 * 1.9718 * 1.8137 * 3.4161 *
   * 2.5033 * 1.9979 * 2.4620 * 1.9537 * 2.3452 * 1.9988 * 1.8120 * 3.3587 *
   * 2.4741 * 2.0387 * 2.4323 * 1.9886 * 2.3606 * 2.1566 * 1.9674 * 3.4520 *
   * 2.5115 * 2.0913 * 2.4584 * 2.0301 * 2.3965 * 2.2495 * 2.0940 * 3.4753 *
   * 2.5829 * 2.1975 * 2.5355 * 2.1467 * 2.4783 * 2.3378 * 2.2273 * 3.3812 *
   ********************************************************************
10 * 2.3046 * 2.5379 * 2.2177 * 2.2628 * 1.8930 * 2.0619 * 1.8115 * 3.8825 *
   * 2.1688 * 2.5105 * 2.2301 * 2.1912 * 1.8499 * 2.0127 * 1.7985 * 3.5970 *
   * 2.0462 * 2.4654 * 2.2390 * 2.1626 * 1.8739 * 2.0440 * 1.8098 * 3.5663 *
   * 1.9993 * 2.4364 * 2.2912 * 2.1739 * 1.9608 * 2.1901 * 1.9692 * 3.6792 *
   * 2.0506 * 2.4616 * 2.3330 * 2.2116 * 2.0185 * 2.2691 * 2.1028 * 3.7045 *
   * 2.1873 * 2.5374 * 2.4202 * 2.3207 * 2.1455 * 2.3638 * 2.2328 * 3.5842 *
   ********************************************************************
11 * 2.6335 * 1.9942 * 2.2706 * 1.9333 * 2.1609 * 1.8842 * 1.8382 * 4.1309 *
   * 2.4638 * 1.9655 * 2.1984 * 1.9224 * 2.0862 * 1.7925 * 1.7815 * 3.8275 *
   * 2.4027 * 1.9584 * 2.1690 * 1.9265 * 2.0787 * 1.7933 * 1.8077 * 3.8065 *
   * 2.3943 * 1.9928 * 2.1783 * 1.9703 * 2.1274 * 1.9514 * 1.9699 * 3.9559 *
   * 2.4244 * 2.0333 * 2.2148 * 2.0245 * 2.1767 * 2.0814 * 2.1035 * 3.9869 *
   * 2.5060 * 2.1487 * 2.3228 * 2.1571 * 2.2786 * 2.2442 * 2.2585 * 3.8255 *
   ********************************************************************
12 * 2.0335 * 2.3960 * 1.8949 * 2.1615 * 2.1660 * 1.9076 * 3.1150 *
   * 1.9690 * 2.3614 * 1.8521 * 2.0881 * 2.1324 * 1.8574 * 2.8516 *
   * 1.9346 * 2.3487 * 1.8757 * 2.0803 * 2.1605 * 1.8636 * 2.8302 *
   * 1.9908 * 2.3629 * 1.9627 * 2.1284 * 2.2938 * 1.9988 * 2.9639 *
   * 2.0774 * 2.3988 * 2.0197 * 2.1771 * 2.3732 * 2.1281 * 3.0321 *
   * 2.2169 * 2.4795 * 2.1461 * 2.2788 * 2.4677 * 2.2365 * 2.9881 *
   ************************************************************
13 * 2.2531 * 2.0210 * 2.0646 * 1.8863 * 1.9091 * 3.2052 * 5.5717 *
   * 2.2102 * 1.9732 * 2.0153 * 1.7945 * 1.8594 * 3.0036 * 5.1951 *
   * 2.2397 * 2.0000 * 2.0463 * 1.7950 * 1.8652 * 2.9828 * 5.1111 *
   * 2.4150 * 2.1574 * 2.1915 * 1.9522 * 1.9995 * 3.0767 * 5.0956 *
   * 2.5099 * 2.2499 * 2.2697 * 2.0816 * 2.1283 * 3.1082 * 4.9661 *
   * 2.5901 * 2.3380 * 2.3637 * 2.2439 * 2.2368 * 3.0437 * 4.5278 *
   ************************************************************
14 * 1.8800 * 1.8378 * 1.8135 * 1.8407 * 3.1174 * 5.6792 *
   * 1.8565 * 1.8153 * 1.8005 * 1.7838 * 2.8539 * 5.2843 *
   * 1.8493 * 1.8134 * 1.8114 * 1.8096 * 2.8321 * 5.1978 *
   * 1.9908 * 1.9679 * 1.9698 * 1.9708 * 2.9650 * 5.1747 *
   * 2.1089 * 2.0941 * 2.1029 * 2.1036 * 3.0318 * 5.0381 *
   * 2.2406 * 2.2271 * 2.2325 * 2.2583 * 2.9867 * 4.5897 *
   ******************************************************
15 * 3.8906 * 3.7475 * 3.8877 * 4.1371 *   4 EFPD 118 % POWER
   * 3.5476 * 3.4174 * 3.6017 * 3.8330 *  75 EFPD 118 % POWER
   * 3.4855 * 3.3597 * 3.5696 * 3.8110 * 125 EFPD 118 % POWER
   * 3.5766 * 3.4523 * 3.6809 * 3.9583 * 250 EFPD 118 % POWER
   * 3.5827 * 3.4753 * 3.7049 * 3.9879 * 350 EFPD 118 % POWER
   * 3.4680 * 3.3810 * 3.5841 * 3.8259 * 500 EFPD 118 % POWER
   ************************************
```

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 | 2.4675 | 2.4989 | 2.1985 | 2.5191 | 1.9422 | 2.1627 | 1.7936 | 3.7774 |
| | 2.5221 | 2.4623 | 2.0742 | 2.3623 | 1.8806 | 2.1287 | 1.7747 | 3.4682 |
| | 2.5275 | 2.4048 | 1.9482 | 2.3001 | 1.8472 | 2.1572 | 1.7655 | 3.4079 |
| | 2.5626 | 2.3713 | 1.8998 | 2.2960 | 1.9050 | 2.3407 | 1.9097 | 3.5119 |
| | 2.6002 | 2.4006 | 1.9559 | 2.3264 | 1.9927 | 2.4303 | 2.0224 | 3.5178 |
| | 2.6350 | 2.4528 | 2.0591 | 2.3777 | 2.0890 | 2.4576 | 2.1080 | 3.3411 |
| 9 | 2.4989 | 1.9045 | 2.4255 | 1.8941 | 2.3103 | 1.9342 | 1.7542 | 3.6458 |
| | 2.4623 | 1.9126 | 2.4089 | 1.8684 | 2.2731 | 1.8926 | 1.7330 | 3.3446 |
| | 2.4048 | 1.9043 | 2.3627 | 1.8617 | 2.2502 | 1.9192 | 1.7288 | 3.2864 |
| | 2.3713 | 1.9338 | 2.3294 | 1.9020 | 2.2792 | 2.0841 | 1.8863 | 3.3948 |
| | 2.4006 | 1.9894 | 2.3551 | 1.9441 | 2.3180 | 2.1724 | 2.0070 | 3.4147 |
| | 2.4528 | 2.0670 | 2.4078 | 2.0183 | 2.3703 | 2.2141 | 2.1005 | 3.2553 |
| 10 | 2.1985 | 2.4319 | 2.1260 | 2.1706 | 1.8203 | 1.9812 | 1.7312 | 3.7802 |
| | 2.0742 | 2.4140 | 2.1401 | 2.1014 | 1.7804 | 1.9383 | 1.7206 | 3.5106 |
| | 1.9482 | 2.3660 | 2.1465 | 2.0741 | 1.8015 | 1.9682 | 1.7282 | 3.4824 |
| | 1.8998 | 2.3335 | 2.1989 | 2.0940 | 1.8804 | 2.1197 | 1.8875 | 3.6313 |
| | 1.9559 | 2.3586 | 2.2439 | 2.1355 | 1.9318 | 2.1947 | 2.0145 | 3.6563 |
| | 2.0591 | 2.4100 | 2.2983 | 2.1995 | 2.0184 | 2.2421 | 2.1134 | 3.4845 |
| 11 | 2.5191 | 1.8989 | 2.1779 | 1.8603 | 2.0880 | 1.8077 | 1.7639 | 4.0400 |
| | 2.3623 | 1.8731 | 2.1080 | 1.8475 | 2.0228 | 1.7227 | 1.7088 | 3.7532 |
| | 2.3001 | 1.8658 | 2.0800 | 1.8511 | 2.0143 | 1.7207 | 1.7305 | 3.7307 |
| | 2.2960 | 1.9061 | 2.0984 | 1.8916 | 2.0580 | 1.8717 | 1.8853 | 3.8920 |
| | 2.3264 | 1.9469 | 2.1387 | 1.9397 | 2.1021 | 1.9951 | 2.0122 | 3.9170 |
| | 2.3777 | 2.0200 | 2.2015 | 2.0297 | 2.1611 | 2.1207 | 2.1526 | 3.7204 |
| 12 | 1.9422 | 2.3124 | 1.8223 | 2.0886 | 2.0911 | 1.8326 | 3.0634 | |
| | 1.8806 | 2.2755 | 1.7825 | 2.0247 | 2.0679 | 1.7865 | 2.8135 | |
| | 1.8472 | 2.2532 | 1.8033 | 2.0158 | 2.0955 | 1.7907 | 2.7887 | |
| | 1.9050 | 2.2812 | 1.8823 | 2.0590 | 2.2193 | 1.9140 | 2.9126 | |
| | 1.9927 | 2.3191 | 1.9329 | 2.1024 | 2.2918 | 2.0360 | 2.9756 | |
| | 2.0890 | 2.3705 | 2.0188 | 2.1612 | 2.3456 | 2.1426 | 2.9154 | |
| 13 | 2.1627 | 1.9359 | 1.9840 | 1.8098 | 1.8341 | 3.1240 | 5.4376 | |
| | 2.1287 | 1.8941 | 1.9411 | 1.7248 | 1.7885 | 2.9392 | 5.0828 | |
| | 2.1572 | 1.9205 | 1.9706 | 1.7224 | 1.7923 | 2.9187 | 4.9958 | |
| | 2.3407 | 2.0849 | 2.1213 | 1.8724 | 1.9146 | 3.0007 | 4.9605 | |
| | 2.4303 | 2.1729 | 2.1953 | 1.9952 | 2.0361 | 3.0277 | 4.8325 | |
| | 2.4576 | 2.2143 | 2.2420 | 2.1204 | 2.1429 | 2.9630 | 4.4603 | |
| 14 | 1.7936 | 1.7562 | 1.7333 | 1.7664 | 3.0651 | 5.5527 | | |
| | 1.7747 | 1.7346 | 1.7227 | 1.7111 | 2.8155 | 5.1802 | | |
| | 1.7655 | 1.7302 | 1.7299 | 1.7324 | 2.7902 | 5.0897 | | |
| | 1.9097 | 1.8868 | 1.8881 | 1.8862 | 2.9138 | 5.0469 | | |
| | 2.0224 | 2.0071 | 2.0145 | 2.0122 | 2.9756 | 4.9107 | | |
| | 2.1080 | 2.1004 | 2.1131 | 2.1523 | 2.9136 | 4.5269 | | |
| 15 | 3.7774 | 3.6472 | 3.7852 | 4.0459 | 4 EFPD 118 % POWER | | | |
| | 3.4682 | 3.3459 | 3.5154 | 3.7586 | 75 EFPD 118 % POWER | | | |
| | 3.4079 | 3.2875 | 3.4863 | 3.7353 | 125 EFPD 118 % POWER | | | |
| | 3.5119 | 3.3951 | 3.6328 | 3.8944 | 250 EFPD 118 % POWER | | | |
| | 3.5178 | 3.4147 | 3.6567 | 3.9182 | 350 EFPD 118 % POWER | | | |
| | 3.3411 | 3.2551 | 3.4844 | 3.7210 | 500 EFPD 118 % POWER | | | |

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 * 2.3405 * 2.3689 * 2.0800 * 2.3940 * 1.8389 * 2.0482 * 1.6943 * 3.5968 *
   * 2.3775 * 2.3193 * 1.9519 * 2.2339 * 1.7732 * 1.9995 * 1.6618 * 3.2621 *
   * 2.3795 * 2.2626 * 1.8331 * 2.1730 * 1.7385 * 2.0255 * 1.6529 * 3.2020 *
   * 2.4194 * 2.2377 * 1.7924 * 2.1724 * 1.8013 * 2.2048 * 1.7970 * 3.3069 *
   * 2.4711 * 2.2798 * 1.8568 * 2.2114 * 1.8950 * 2.3108 * 1.9237 * 3.3423 *
   * 2.4958 * 2.3233 * 1.9543 * 2.2595 * 1.9875 * 2.3486 * 2.0069 * 3.1983 *
   ********************************************************************
 9 * 2.3689 * 1.8023 * 2.3016 * 1.7953 * 2.1922 * 1.8325 * 1.6568 * 3.4713 *
   * 2.3193 * 1.7990 * 2.2724 * 1.7624 * 2.1459 * 1.7779 * 1.6229 * 3.1449 *
   * 2.2626 * 1.7888 * 2.2250 * 1.7540 * 2.1284 * 1.8020 * 1.6180 * 3.0885 *
   * 2.2377 * 1.8229 * 2.2002 * 1.7944 * 2.1602 * 1.9651 * 1.7760 * 3.1983 *
   * 2.2798 * 1.8876 * 2.2375 * 1.8473 * 2.2098 * 2.0688 * 1.9107 * 3.2480 *
   * 2.3233 * 1.9579 * 2.2850 * 1.9211 * 2.2615 * 2.1146 * 1.9996 * 3.1261 *
   ********************************************************************
10 * 2.0800 * 2.3076 * 2.0198 * 2.0599 * 1.7150 * 1.8761 * 1.6341 * 3.5852 *
   * 1.9519 * 2.2772 * 2.0234 * 1.9831 * 1.6628 * 1.8200 * 1.6088 * 3.2885 *
   * 1.8331 * 2.2280 * 2.0273 * 1.9546 * 1.6816 * 1.8474 * 1.6159 * 3.2599 *
   * 1.7924 * 2.2040 * 2.0826 * 1.9789 * 1.7698 * 2.0005 * 1.7766 * 3.4131 *
   * 1.8568 * 2.2408 * 2.1375 * 2.0330 * 1.8407 * 2.0929 * 1.9178 * 3.4779 *
   * 1.9543 * 2.2871 * 2.1872 * 2.0991 * 1.9204 * 2.1440 * 2.0108 * 3.3408 *
   ********************************************************************
11 * 2.3940 * 1.7998 * 2.0668 * 1.7567 * 1.9773 * 1.7026 * 1.6586 * 3.8297 *
   * 2.2339 * 1.7669 * 1.9898 * 1.7308 * 1.8944 * 1.6080 * 1.5927 * 3.5131 *
   * 2.1730 * 1.7579 * 1.9605 * 1.7319 * 1.8850 * 1.6068 * 1.6130 * 3.4896 *
   * 2.1724 * 1.7983 * 1.9832 * 1.7795 * 1.9401 * 1.7628 * 1.7697 * 3.6554 *
   * 2.2114 * 1.8499 * 2.0359 * 1.8493 * 2.0067 * 1.9032 * 1.9135 * 3.7226 *
   * 2.2595 * 1.9228 * 2.1009 * 1.9313 * 2.0642 * 2.0193 * 2.0462 * 3.5719 *
   ********************************************************************
12 * 1.8389 * 2.1945 * 1.7169 * 1.9778 * 1.9839 * 1.7296 * 2.8960 *
   * 1.7732 * 2.1483 * 1.6648 * 1.8961 * 1.9410 * 1.6657 * 2.6223 *
   * 1.7385 * 2.1311 * 1.6833 * 1.8863 * 1.9654 * 1.6698 * 2.5990 *
   * 1.8013 * 2.1621 * 1.7714 * 1.9408 * 2.0920 * 1.7962 * 2.7346 *
   * 1.8950 * 2.2107 * 1.8416 * 2.0069 * 2.1884 * 1.9385 * 2.8329 *
   * 1.9875 * 2.2615 * 1.9208 * 2.0642 * 2.2400 * 2.0363 * 2.7926 *
   ************************************************************
13 * 2.0482 * 1.8341 * 1.8789 * 1.7046 * 1.7310 * 2.9639 * 5.1610 *
   * 1.9995 * 1.7794 * 1.8227 * 1.6098 * 1.6675 * 2.7447 * 4.7782 *
   * 2.0255 * 1.8033 * 1.8497 * 1.6084 * 1.6712 * 2.7216 * 4.6910 *
   * 2.2048 * 1.9659 * 2.0020 * 1.7634 * 1.7968 * 2.8099 * 4.6733 *
   * 2.3108 * 2.0692 * 2.0935 * 1.9032 * 1.9385 * 2.8771 * 4.5934 *
   * 2.3486 * 2.1148 * 2.1439 * 2.0190 * 2.0365 * 2.8283 * 4.2367 *
   ************************************************************
14 * 1.6943 * 1.6588 * 1.6361 * 1.6611 * 2.8978 * 5.2755 *
   * 1.6618 * 1.6244 * 1.6107 * 1.5948 * 2.6239 * 4.8745 *
   * 1.6529 * 1.6193 * 1.6175 * 1.6147 * 2.6002 * 4.7836 *
   * 1.7970 * 1.7765 * 1.7771 * 1.7704 * 2.7351 * 4.7607 *
   * 1.9237 * 1.9107 * 1.9178 * 1.9135 * 2.8336 * 4.6719 *
   * 2.0069 * 1.9994 * 2.0106 * 2.0459 * 2.7906 * 4.3029 *
   ******************************************************
15 * 3.5968 * 3.4727 * 3.5905 * 3.8360 *   4 EFPD 118 % POWER
   * 3.2621 * 3.1462 * 3.2931 * 3.5185 *  75 EFPD 118 % POWER
   * 3.2020 * 3.0895 * 3.2636 * 3.4940 * 125 EFPD 118 % POWER
   * 3.3069 * 3.1987 * 3.4145 * 3.6577 * 250 EFPD 118 % POWER
   * 3.3423 * 3.2480 * 3.4785 * 3.7236 * 350 EFPD 118 % POWER
   * 3.1983 * 3.1259 * 3.3407 * 3.5724 * 500 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 * 2.2118 * 2.2403 * 1.9676 * 2.2660 * 1.7313 * 1.9251 * 1.5906 * 3.3954 *
   * 2.2543 * 2.2008 * 1.8507 * 2.1183 * 1.6727 * 1.8826 * 1.5614 * 3.0780 *
   * 2.2528 * 2.1430 * 1.7337 * 2.0569 * 1.6378 * 1.9056 * 1.5497 * 3.0163 *
   * 2.2688 * 2.0963 * 1.6743 * 2.0363 * 1.6825 * 2.0616 * 1.6738 * 3.0921 *
   * 2.3090 * 2.1272 * 1.7272 * 2.0644 * 1.7645 * 2.1559 * 1.7891 * 3.1171 *
   * 2.3454 * 2.1816 * 1.8349 * 2.1237 * 1.8674 * 2.2049 * 1.8839 * 2.9942 *
   ********************************************************************************
 9 * 2.2403 * 1.7016 * 2.1762 * 1.6925 * 2.0667 * 1.7181 * 1.5525 * 3.2718 *
   * 2.2008 * 1.7032 * 2.1553 * 1.6643 * 2.0282 * 1.6698 * 1.5221 * 2.9611 *
   * 2.1430 * 1.6902 * 2.1070 * 1.6544 * 2.0114 * 1.6914 * 1.5147 * 2.9024 *
   * 2.0963 * 1.7024 * 2.0623 * 1.6757 * 2.0230 * 1.8339 * 1.6532 * 2.9818 *
   * 2.1272 * 1.7556 * 2.0888 * 1.7170 * 2.0630 * 1.9273 * 1.7763 * 3.0190 *
   * 2.1816 * 1.8371 * 2.1472 * 1.8019 * 2.1265 * 1.9847 * 1.8774 * 2.9128 *
   ********************************************************************************
10 * 1.9676 * 2.1821 * 1.9048 * 1.9400 * 1.6077 * 1.7585 * 1.5302 * 3.3726 *
   * 1.8507 * 2.1600 * 1.9144 * 1.8717 * 1.5600 * 1.7085 * 1.5066 * 3.0943 *
   * 1.7337 * 2.1100 * 1.9162 * 1.8425 * 1.5760 * 1.7331 * 1.5113 * 3.0629 *
   * 1.6743 * 2.0659 * 1.9521 * 1.8500 * 1.6505 * 1.8697 * 1.6533 * 3.1854 *
   * 1.7272 * 2.0919 * 1.9964 * 1.8925 * 1.7099 * 1.9518 * 1.7825 * 3.2307 *
   * 1.8349 * 2.1488 * 2.0567 * 1.9710 * 1.8036 * 2.0144 * 1.8882 * 3.1175 *
   ********************************************************************************
11 * 2.2660 * 1.6969 * 1.9468 * 1.6463 * 1.8536 * 1.5932 * 1.5509 * 3.5922 *
   * 2.1183 * 1.6687 * 1.8782 * 1.6292 * 1.7797 * 1.5039 * 1.4881 * 3.2951 *
   * 2.0569 * 1.6584 * 1.8482 * 1.6280 * 1.7712 * 1.5014 * 1.5052 * 3.2682 *
   * 2.0363 * 1.6795 * 1.8542 * 1.6587 * 1.8122 * 1.6403 * 1.6450 * 3.4031 *
   * 2.0644 * 1.7195 * 1.8953 * 1.7168 * 1.8682 * 1.7679 * 1.7765 * 3.4568 *
   * 2.1237 * 1.8034 * 1.9728 * 1.8136 * 1.9395 * 1.8977 * 1.9199 * 3.3275 *
   ********************************************************************************
12 * 1.7313 * 2.0690 * 1.6096 * 1.8541 * 1.8586 * 1.6176 * 2.7093 *
   * 1.6727 * 2.0305 * 1.5620 * 1.7814 * 1.8216 * 1.5565 * 2.4523 *
   * 1.6378 * 2.0141 * 1.5776 * 1.7725 * 1.8434 * 1.5580 * 2.4268 *
   * 1.6825 * 2.0248 * 1.6521 * 1.8129 * 1.9544 * 1.6702 * 2.5423 *
   * 1.7645 * 2.0638 * 1.7108 * 1.8684 * 2.0397 * 1.7994 * 2.6271 *
   * 1.8674 * 2.1265 * 1.8039 * 1.9394 * 2.1072 * 1.9114 * 2.6031 *
   ************************************************************************
13 * 1.9251 * 1.7198 * 1.7615 * 1.5952 * 1.6191 * 2.7719 * 4.8485 *
   * 1.8826 * 1.6713 * 1.7112 * 1.5058 * 1.5583 * 2.5701 * 4.4909 *
   * 1.9056 * 1.6927 * 1.7355 * 1.5030 * 1.5594 * 2.5451 * 4.3987 *
   * 2.0616 * 1.8346 * 1.8712 * 1.6409 * 1.6707 * 2.6168 * 4.3634 *
   * 2.1559 * 1.9277 * 1.9523 * 1.7679 * 1.7995 * 2.6723 * 4.2823 *
   * 2.2049 * 1.9849 * 2.0143 * 1.8974 * 1.9116 * 2.6431 * 3.9543 *
   ************************************************************************
14 * 1.5906 * 1.5545 * 1.5323 * 1.5533 * 2.7112 * 4.9578 *
   * 1.5614 * 1.5236 * 1.5086 * 1.4902 * 2.4541 * 4.5829 *
   * 1.5497 * 1.5160 * 1.5129 * 1.5069 * 2.4282 * 4.4892 *
   * 1.6738 * 1.6536 * 1.6538 * 1.6456 * 2.5432 * 4.4463 *
   * 1.7891 * 1.7763 * 1.7825 * 1.7764 * 2.6269 * 4.3564 *
   * 1.8839 * 1.8773 * 1.8879 * 1.9196 * 2.6013 * 4.0166 *
   ********************************************************
15 * 3.3954 * 3.2733 * 3.3778 * 3.5984 *   4 EFPD 118 % POWER
   * 3.0780 * 2.9624 * 3.0989 * 3.3005 *  75 EFPD 118 % POWER
   * 3.0163 * 2.9035 * 3.0666 * 3.2726 * 125 EFPD 118 % POWER
   * 3.0921 * 2.9821 * 3.1867 * 3.4053 * 250 EFPD 118 % POWER
   * 3.1171 * 3.0189 * 3.2310 * 3.4577 * 350 EFPD 118 % POWER
   * 2.9942 * 2.9126 * 3.1174 * 3.3278 * 500 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 * 2.1088 * 2.1374 * 1.8839 * 2.1637 * 1.6507 * 1.8264 * 1.5118 * 3.2085 *
   * 2.1638 * 2.1142 * 1.7824 * 2.0332 * 1.6038 * 1.7959 * 1.4917 * 2.9158 *
   * 2.1601 * 2.0561 * 1.6674 * 1.9712 * 1.5698 * 1.8172 * 1.4784 * 2.8525 *
   * 2.1390 * 1.9814 * 1.5850 * 1.9269 * 1.5934 * 1.9450 * 1.5805 * 2.8939 *
   * 2.1603 * 1.9966 * 1.6233 * 1.9403 * 1.6588 * 2.0234 * 1.6807 * 2.8994 *
   * 2.2016 * 2.0489 * 1.7259 * 1.9953 * 1.7566 * 2.0701 * 1.7710 * 2.7825 *
   ********************************************************************
 9 * 2.1374 * 1.6262 * 2.0765 * 1.6145 * 1.9660 * 1.6276 * 1.4730 * 3.0822 *
   * 2.1142 * 1.6381 * 2.0695 * 1.5960 * 1.9422 * 1.5907 * 1.4513 * 2.8012 *
   * 2.0561 * 1.6232 * 2.0212 * 1.5851 * 1.9248 * 1.6100 * 1.4428 * 2.7425 *
   * 1.9814 * 1.6116 * 1.9517 * 1.5880 * 1.9128 * 1.7293 * 1.5595 * 2.7876 *
   * 1.9966 * 1.6503 * 1.9617 * 1.6139 * 1.9281 * 1.8085 * 1.6681 * 2.8080 *
   * 2.0489 * 1.7283 * 2.0167 * 1.6933 * 1.9765 * 1.8632 * 1.7646 * 2.7087 *
   ********************************************************************
10 * 1.8839 * 2.0821 * 1.8137 * 1.8445 * 1.5263 * 1.6654 * 1.4512 * 3.1777 *
   * 1.7824 * 2.0741 * 1.8348 * 1.7911 * 1.4884 * 1.6265 * 1.4349 * 2.9283 *
   * 1.6674 * 2.0241 * 1.8349 * 1.7620 * 1.5025 * 1.6496 * 1.4385 * 2.8959 *
   * 1.5850 * 1.9552 * 1.8476 * 1.7474 * 1.5615 * 1.7654 * 1.5591 * 2.9673 *
   * 1.6233 * 1.9642 * 1.8774 * 1.7740 * 1.6054 * 1.8318 * 1.6735 * 2.9920 *
   * 1.7259 * 2.0182 * 1.9348 * 1.8478 * 1.6933 * 1.8911 * 1.7744 * 2.8795 *
   ********************************************************************
11 * 2.1637 * 1.6189 * 1.8512 * 1.5625 * 1.7555 * 1.5101 * 1.4681 * 3.3787 *
   * 2.0332 * 1.6004 * 1.7976 * 1.5590 * 1.6954 * 1.4307 * 1.4135 * 3.1126 *
   * 1.9712 * 1.5890 * 1.7677 * 1.5566 * 1.6888 * 1.4281 * 1.4294 * 3.0842 *
   * 1.9269 * 1.5917 * 1.7511 * 1.5681 * 1.7097 * 1.5461 * 1.5497 * 3.1815 *
   * 1.9403 * 1.6165 * 1.7766 * 1.6103 * 1.7506 * 1.6576 * 1.6652 * 3.2142 *
   * 1.9953 * 1.6948 * 1.8495 * 1.7026 * 1.8180 * 1.7808 * 1.8013 * 3.0902 *
   ********************************************************************
12 * 1.6507 * 1.9683 * 1.5282 * 1.7559 * 1.7589 * 1.5316 * 2.5341 *
   * 1.6038 * 1.9445 * 1.4904 * 1.6970 * 1.7331 * 1.4789 * 2.3026 *
   * 1.5698 * 1.9277 * 1.5042 * 1.6900 * 1.7534 * 1.4786 * 2.2765 *
   * 1.5934 * 1.9145 * 1.5630 * 1.7103 * 1.8436 * 1.5736 * 2.3629 *
   * 1.6588 * 1.9299 * 1.6063 * 1.7508 * 1.9134 * 1.6863 * 2.4284 *
   * 1.7566 * 1.9772 * 1.6936 * 1.8179 * 1.9771 * 1.7920 * 2.4014 *
   ************************************************************
13 * 1.8264 * 1.6293 * 1.6683 * 1.5121 * 1.5331 * 2.6049 * 4.5576 *
   * 1.7959 * 1.5922 * 1.6293 * 1.4326 * 1.4807 * 2.4276 * 4.2385 *
   * 1.8172 * 1.6113 * 1.6520 * 1.4297 * 1.4800 * 2.4014 * 4.1470 *
   * 1.9450 * 1.7300 * 1.7669 * 1.5467 * 1.5741 * 2.4469 * 4.0772 *
   * 2.0234 * 1.8089 * 1.8324 * 1.6576 * 1.6863 * 2.4830 * 3.9804 *
   * 2.0701 * 1.8634 * 1.8911 * 1.7805 * 1.7922 * 2.4516 * 3.6683 *
   ************************************************************
14 * 1.5118 * 1.4750 * 1.4533 * 1.4705 * 2.5363 * 4.6585 *
   * 1.4917 * 1.4529 * 1.4369 * 1.4157 * 2.3047 * 4.3241 *
   * 1.4784 * 1.4441 * 1.4402 * 1.4311 * 2.2781 * 4.2311 *
   * 1.5805 * 1.5600 * 1.5596 * 1.5503 * 2.3640 * 4.1529 *
   * 1.6807 * 1.6681 * 1.6735 * 1.6651 * 2.4278 * 4.0469 *
   * 1.7710 * 1.7644 * 1.7741 * 1.8010 * 2.3999 * 3.7244 *
   ******************************************************
15 * 3.2085 * 3.0838 * 3.1828 * 3.3848 *   4 EFPD 118 % POWER
   * 2.9158 * 2.8026 * 2.9328 * 3.1180 *  75 EFPD 118 % POWER
   * 2.8525 * 2.7436 * 2.8996 * 3.0885 * 125 EFPD 118 % POWER
   * 2.8939 * 2.7880 * 2.9687 * 3.1835 * 250 EFPD 118 % POWER
   * 2.8994 * 2.8080 * 2.9923 * 3.2150 * 350 EFPD 118 % POWER
   * 2.7825 * 2.7085 * 2.8793 * 3.0904 * 500 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 * 1.9771 * 2.0107 * 1.7644 * 2.0391 * 1.5372 * 1.7077 * 1.4041 * 3.0735 *
   * 2.0555 * 2.0160 * 1.6893 * 1.9378 * 1.5141 * 1.7000 * 1.4007 * 2.8247 *
   * 2.0536 * 1.9615 * 1.5794 * 1.8808 * 1.4822 * 1.7225 * 1.3881 * 2.7656 *
   * 2.0099 * 1.8625 * 1.4748 * 1.8130 * 1.4838 * 1.8257 * 1.4665 * 2.7685 *
   * 2.0183 * 1.8637 * 1.4988 * 1.8103 * 1.5333 * 1.8868 * 1.5497 * 2.7536 *
   * 2.0522 * 1.9128 * 1.5946 * 1.8628 * 1.6228 * 1.9285 * 1.6330 * 2.6367 *
   ********************************************************************************
 9 * 2.0107 * 1.5193 * 1.9537 * 1.5075 * 1.8473 * 1.5160 * 1.3667 * 2.9566 *
   * 2.0160 * 1.5487 * 1.9728 * 1.5065 * 1.8482 * 1.5000 * 1.3614 * 2.7163 *
   * 1.9615 * 1.5352 * 1.9287 * 1.4973 * 1.8336 * 1.5202 * 1.3530 * 2.6608 *
   * 1.8625 * 1.4969 * 1.8354 * 1.4789 * 1.8013 * 1.6164 * 1.4460 * 2.6719 *
   * 1.8637 * 1.5215 * 1.8321 * 1.4877 * 1.8091 * 1.6801 * 1.5370 * 2.6710 *
   * 1.9128 * 1.5958 * 1.8836 * 1.5605 * 1.8618 * 1.7306 * 1.6268 * 2.5719 *
   ********************************************************************************
10 * 1.7644 * 1.9594 * 1.6996 * 1.7271 * 1.4183 * 1.5522 * 1.3454 * 3.0370 *
   * 1.6893 * 1.9774 * 1.7422 * 1.6973 * 1.3987 * 1.5348 * 1.3435 * 2.8280 *
   * 1.5794 * 1.9316 * 1.7454 * 1.6725 * 1.4128 * 1.5586 * 1.3481 * 2.7973 *
   * 1.4748 * 1.8388 * 1.7354 * 1.6391 * 1.4510 * 1.6529 * 1.4450 * 2.8497 *
   * 1.4988 * 1.8349 * 1.7521 * 1.6496 * 1.4769 * 1.7053 * 1.5410 * 2.8576 *
   * 1.5946 * 1.8849 * 1.8053 * 1.7181 * 1.5590 * 1.7595 * 1.6341 * 2.7480 *
   ********************************************************************************
11 * 2.0391 * 1.5118 * 1.7337 * 1.4506 * 1.6368 * 1.3993 * 1.3619 * 3.2409 *
   * 1.9378 * 1.5108 * 1.7035 * 1.4651 * 1.6024 * 1.3400 * 1.3239 * 3.0180 *
   * 1.8808 * 1.5011 * 1.6779 * 1.4684 * 1.5990 * 1.3381 * 1.3379 * 2.9917 *
   * 1.8130 * 1.4825 * 1.6430 * 1.4588 * 1.6017 * 1.4333 * 1.4341 * 3.0503 *
   * 1.8103 * 1.4901 * 1.6521 * 1.4827 * 1.6247 * 1.5246 * 1.5298 * 3.0575 *
   * 1.8628 * 1.5618 * 1.7197 * 1.5671 * 1.6882 * 1.6413 * 1.6577 * 2.9347 *
   ********************************************************************************
12 * 1.5372 * 1.8495 * 1.4202 * 1.6372 * 1.6351 * 1.4204 * 2.4240 *
   * 1.5141 * 1.8506 * 1.4006 * 1.6040 * 1.6311 * 1.3855 * 2.2235 *
   * 1.4822 * 1.8363 * 1.4144 * 1.6002 * 1.6528 * 1.3856 * 2.1980 *
   * 1.4838 * 1.8029 * 1.4525 * 1.6022 * 1.7210 * 1.4561 * 2.2551 *
   * 1.5333 * 1.8098 * 1.4777 * 1.6248 * 1.7686 * 1.5450 * 2.2965 *
   * 1.6228 * 1.8624 * 1.5593 * 1.6881 * 1.8288 * 1.6452 * 2.2754 *
   ************************************************************************
13 * 1.7077 * 1.5176 * 1.5552 * 1.4013 * 1.4218 * 2.4686 * 4.3767 *
   * 1.7000 * 1.5015 * 1.5376 * 1.3419 * 1.3872 * 2.3213 * 4.1127 *
   * 1.7225 * 1.5215 * 1.5610 * 1.3396 * 1.3869 * 2.2972 * 4.0286 *
   * 1.8257 * 1.6171 * 1.6543 * 1.4339 * 1.4566 * 2.3137 * 3.9093 *
   * 1.8868 * 1.6805 * 1.7059 * 1.5245 * 1.5450 * 2.3236 * 3.7817 *
   * 1.9285 * 1.7308 * 1.7595 * 1.6410 * 1.6453 * 2.2973 * 3.4825 *
   ************************************************************************
14 * 1.4041 * 1.3687 * 1.3475 * 1.3642 * 2.4258 * 4.4830 *
   * 1.4007 * 1.3630 * 1.3456 * 1.3260 * 2.2252 * 4.2041 *
   * 1.3881 * 1.3544 * 1.3497 * 1.3396 * 2.1992 * 4.1184 *
   * 1.4665 * 1.4464 * 1.4455 * 1.4347 * 2.2553 * 3.9884 *
   * 1.5497 * 1.5370 * 1.5409 * 1.5297 * 2.2967 * 3.8542 *
   * 1.6330 * 1.6267 * 1.6338 * 1.6573 * 2.2736 * 3.5424 *
   ********************************************************
15 * 3.0735 * 2.9582 * 3.0421 * 3.2470 *   4 EFPD 118 % POWER
   * 2.8247 * 2.7177 * 2.8326 * 3.0235 *  75 EFPD 118 % POWER
   * 2.7656 * 2.6618 * 2.8010 * 2.9962 * 125 EFPD 118 % POWER
   * 2.7685 * 2.6723 * 2.8510 * 3.0524 * 250 EFPD 118 % POWER
   * 2.7536 * 2.6710 * 2.8582 * 3.0584 * 350 EFPD 118 % POWER
   * 2.6367 * 2.5717 * 2.7478 * 2.9350 * 500 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 * 1.8609 * 1.8974 * 1.6673 * 1.9299 * 1.4527 * 1.6197 * 1.3306 * 2.9242 *
   * 1.9853 * 1.9530 * 1.6362 * 1.8779 * 1.4615 * 1.6439 * 1.3527 * 2.7500 *
   * 1.9883 * 1.9045 * 1.5335 * 1.8261 * 1.4348 * 1.6696 * 1.3432 * 2.6977 *
   * 1.9115 * 1.7738 * 1.4004 * 1.7265 * 1.4076 * 1.7431 * 1.3956 * 2.6556 *
   * 1.8906 * 1.7473 * 1.4008 * 1.6992 * 1.4350 * 1.7717 * 1.4491 * 2.5962 *
   * 1.9052 * 1.7791 * 1.4794 * 1.7345 * 1.5083 * 1.7983 * 1.5172 * 2.4656 *
   ********************************************************************
 9 * 1.8974 * 1.4321 * 1.8449 * 1.4207 * 1.7500 * 1.4341 * 1.2932 * 2.8142 *
   * 1.9530 * 1.4967 * 1.9100 * 1.4538 * 1.7897 * 1.4469 * 1.3130 * 2.6430 *
   * 1.9045 * 1.4868 * 1.8725 * 1.4480 * 1.7771 * 1.4698 * 1.3073 * 2.5940 *
   * 1.7738 * 1.4207 * 1.7485 * 1.4042 * 1.7142 * 1.5393 * 1.3744 * 2.5619 *
   * 1.7473 * 1.4210 * 1.7192 * 1.3933 * 1.6979 * 1.5737 * 1.4356 * 2.5167 *
   * 1.7791 * 1.4789 * 1.7531 * 1.4475 * 1.7312 * 1.6104 * 1.5109 * 2.4036 *
   ********************************************************************
10 * 1.6673 * 1.8506 * 1.5997 * 1.6255 * 1.3425 * 1.4683 * 1.2724 * 2.8967 *
   * 1.6362 * 1.9146 * 1.6815 * 1.6365 * 1.3505 * 1.4808 * 1.2949 * 2.7497 *
   * 1.5335 * 1.8753 * 1.6888 * 1.6164 * 1.3675 * 1.5074 * 1.3022 * 2.7247 *
   * 1.4004 * 1.7518 * 1.6504 * 1.5573 * 1.3849 * 1.5772 * 1.3732 * 2.7312 *
   * 1.4008 * 1.7216 * 1.6424 * 1.5465 * 1.3812 * 1.5985 * 1.4389 * 2.6901 *
   * 1.4794 * 1.7544 * 1.6801 * 1.5962 * 1.4437 * 1.6365 * 1.5160 * 2.5667 *
   ********************************************************************
11 * 1.9299 * 1.4250 * 1.6319 * 1.3711 * 1.5468 * 1.3225 * 1.2880 * 3.0952 *
   * 1.8779 * 1.4582 * 1.6426 * 1.4138 * 1.5481 * 1.2914 * 1.2756 * 2.9354 *
   * 1.8261 * 1.4519 * 1.6218 * 1.4231 * 1.5495 * 1.2922 * 1.2911 * 2.9150 *
   * 1.7265 * 1.4077 * 1.5611 * 1.3919 * 1.5286 * 1.3623 * 1.3624 * 2.9244 *
   * 1.6992 * 1.3957 * 1.5491 * 1.3864 * 1.5219 * 1.4233 * 1.4273 * 2.8793 *
   * 1.7345 * 1.4488 * 1.5977 * 1.4502 * 1.5660 * 1.5199 * 1.5351 * 2.7401 *
   ********************************************************************
12 * 1.4527 * 1.7520 * 1.3443 * 1.5472 * 1.5423 * 1.3417 * 2.3056 *
   * 1.4615 * 1.7919 * 1.3525 * 1.5497 * 1.5713 * 1.3352 * 2.1550 *
   * 1.4348 * 1.7797 * 1.3692 * 1.5507 * 1.5963 * 1.3372 * 2.1334 *
   * 1.4076 * 1.7157 * 1.3863 * 1.5292 * 1.6395 * 1.3838 * 2.1540 *
   * 1.4350 * 1.6986 * 1.3819 * 1.5220 * 1.6551 * 1.4413 * 2.1543 *
   * 1.5083 * 1.7318 * 1.4439 * 1.5658 * 1.6928 * 1.5193 * 2.1126 *
   ************************************************************
13 * 1.6197 * 1.4358 * 1.4713 * 1.3245 * 1.3430 * 2.3429 * 4.1596 *
   * 1.6439 * 1.4485 * 1.4837 * 1.2932 * 1.3369 * 2.2465 * 3.9928 *
   * 1.6696 * 1.4711 * 1.5099 * 1.2938 * 1.3386 * 2.2274 * 3.9194 *
   * 1.7431 * 1.5400 * 1.5786 * 1.3629 * 1.3842 * 2.2097 * 3.7363 *
   * 1.7717 * 1.5741 * 1.5992 * 1.4233 * 1.4413 * 2.1787 * 3.5634 *
   * 1.7983 * 1.6106 * 1.6365 * 1.5196 * 1.5194 * 2.1279 * 3.2548 *
   ************************************************************
14 * 1.3306 * 1.2951 * 1.2745 * 1.2903 * 2.3074 * 4.2627 *
   * 1.3527 * 1.3146 * 1.2970 * 1.2778 * 2.1567 * 4.0834 *
   * 1.3432 * 1.3087 * 1.3039 * 1.2929 * 2.1347 * 4.0065 *
   * 1.3956 * 1.3749 * 1.3738 * 1.3630 * 2.1543 * 3.8135 *
   * 1.4491 * 1.4356 * 1.4389 * 1.4272 * 2.1545 * 3.6323 *
   * 1.5172 * 1.5107 * 1.5158 * 1.5348 * 2.1109 * 3.3129 *
   ******************************************************
15 * 2.9242 * 2.8157 * 2.9014 * 3.1009 *   4 EFPD 118 % POWER
   * 2.7500 * 2.6444 * 2.7543 * 2.9409 *  75 EFPD 118 % POWER
   * 2.6977 * 2.5951 * 2.7285 * 2.9195 * 125 EFPD 118 % POWER
   * 2.6556 * 2.5623 * 2.7325 * 2.9265 * 250 EFPD 118 % POWER
   * 2.5962 * 2.5167 * 2.6906 * 2.8802 * 350 EFPD 118 % POWER
   * 2.4656 * 2.4034 * 2.5667 * 2.7404 * 500 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 * 1.7848 * 1.8206 * 1.6110 * 1.8496 * 1.4000 * 1.5564 * 1.2901 * 2.7661 *
   * 1.9647 * 1.9352 * 1.6345 * 1.8597 * 1.4549 * 1.6307 * 1.3528 * 2.6933 *
   * 1.9766 * 1.8963 * 1.5428 * 1.8167 * 1.4372 * 1.6633 * 1.3494 * 2.6531 *
   * 1.8629 * 1.7319 * 1.3781 * 1.6866 * 1.3829 * 1.6964 * 1.3757 * 2.5542 *
   * 1.8048 * 1.6729 * 1.3497 * 1.6291 * 1.3811 * 1.6961 * 1.3956 * 2.4552 *
   * 1.7917 * 1.6735 * 1.3980 * 1.6312 * 1.4259 * 1.6900 * 1.4322 * 2.2843 *
   ********************************************************************************
 9 * 1.8206 * 1.3817 * 1.7678 * 1.3686 * 1.6724 * 1.3809 * 1.2529 * 2.6551 *
   * 1.9352 * 1.4921 * 1.8896 * 1.4470 * 1.7679 * 1.4352 * 1.3108 * 2.5855 *
   * 1.8963 * 1.4892 * 1.8639 * 1.4484 * 1.7643 * 1.4638 * 1.3121 * 2.5488 *
   * 1.7319 * 1.3975 * 1.7089 * 1.3827 * 1.6709 * 1.5025 * 1.3539 * 2.4588 *
   * 1.6729 * 1.3698 * 1.6462 * 1.3455 * 1.6127 * 1.5060 * 1.3814 * 2.3749 *
   * 1.6735 * 1.3986 * 1.6482 * 1.3687 * 1.6045 * 1.5128 * 1.4254 * 2.2223 *
   ********************************************************************************
10 * 1.6110 * 1.7733 * 1.5301 * 1.5552 * 1.2975 * 1.4132 * 1.2329 * 2.7400 *
   * 1.6345 * 1.8942 * 1.6603 * 1.6178 * 1.3484 * 1.4674 * 1.2938 * 2.6972 *
   * 1.5428 * 1.8668 * 1.6752 * 1.6060 * 1.3733 * 1.5005 * 1.3071 * 2.6846 *
   * 1.3781 * 1.7122 * 1.6085 * 1.5191 * 1.3633 * 1.5388 * 1.3527 * 2.6176 *
   * 1.3497 * 1.6484 * 1.5716 * 1.4802 * 1.3345 * 1.5307 * 1.3848 * 2.5282 *
   * 1.3980 * 1.6489 * 1.5789 * 1.4981 * 1.3628 * 1.5360 * 1.4306 * 2.3593 *
   ********************************************************************************
11 * 1.8496 * 1.3727 * 1.5615 * 1.3215 * 1.4842 * 1.2820 * 1.2488 * 2.9196 *
   * 1.8597 * 1.4514 * 1.6240 * 1.4097 * 1.5355 * 1.2896 * 1.2737 * 2.8694 *
   * 1.8167 * 1.4524 * 1.6115 * 1.4216 * 1.5430 * 1.2967 * 1.2953 * 2.8617 *
   * 1.6866 * 1.3863 * 1.5227 * 1.3669 * 1.4889 * 1.3402 * 1.3421 * 2.8115 *
   * 1.6291 * 1.3478 * 1.4827 * 1.3374 * 1.4575 * 1.3683 * 1.3740 * 2.7166 *
   * 1.6312 * 1.3699 * 1.4996 * 1.3687 * 1.4687 * 1.4314 * 1.4467 * 2.5319 *
   ********************************************************************************
12 * 1.4000 * 1.6744 * 1.2992 * 1.4846 * 1.4832 * 1.2993 * 2.1701 *
   * 1.4549 * 1.7701 * 1.3504 * 1.5371 * 1.5566 * 1.3331 * 2.1004 *
   * 1.4372 * 1.7671 * 1.3750 * 1.5441 * 1.5884 * 1.3401 * 2.0878 *
   * 1.3829 * 1.6725 * 1.3647 * 1.4894 * 1.5963 * 1.3634 * 2.0672 *
   * 1.3811 * 1.6143 * 1.3354 * 1.4576 * 1.5864 * 1.3880 * 2.0241 *
   * 1.4259 * 1.6051 * 1.3630 * 1.4686 * 1.5906 * 1.4317 * 1.9402 *
   ********************************************************************
13 * 1.5564 * 1.3826 * 1.4161 * 1.2839 * 1.3006 * 2.2206 * 3.9255 *
   * 1.6307 * 1.4368 * 1.4703 * 1.2915 * 1.3349 * 2.2090 * 3.8908 *
   * 1.6633 * 1.4651 * 1.5031 * 1.2983 * 1.3415 * 2.1993 * 3.8362 *
   * 1.6964 * 1.5032 * 1.5401 * 1.3408 * 1.3639 * 2.1361 * 3.5933 *
   * 1.6961 * 1.5065 * 1.5314 * 1.3683 * 1.3881 * 2.0669 * 3.3616 *
   * 1.6900 * 1.5130 * 1.5360 * 1.4311 * 1.4319 * 1.9738 * 3.0065 *
   ********************************************************************
14 * 1.2901 * 1.2548 * 1.2349 * 1.2511 * 2.1722 * 4.0165 *
   * 1.3528 * 1.3124 * 1.2959 * 1.2759 * 2.1027 * 3.9731 *
   * 1.3494 * 1.3135 * 1.3088 * 1.2971 * 2.0897 * 3.9160 *
   * 1.3757 * 1.3545 * 1.3532 * 1.3428 * 2.0682 * 3.6626 *
   * 1.3956 * 1.3814 * 1.3848 * 1.3740 * 2.0237 * 3.4241 *
   * 1.4322 * 1.4253 * 1.4304 * 1.4464 * 1.9391 * 3.0609 *
   ************************************************************
15 * 2.7661 * 2.6565 * 2.7446 * 2.9250 *   4 EFPD 118 % POWER
   * 2.6933 * 2.5869 * 2.7017 * 2.8748 *  75 EFPD 118 % POWER
   * 2.6531 * 2.5499 * 2.6883 * 2.8661 * 125 EFPD 118 % POWER
   * 2.5542 * 2.4592 * 2.6188 * 2.8135 * 250 EFPD 118 % POWER
   * 2.4552 * 2.3749 * 2.5285 * 2.7174 * 350 EFPD 118 % POWER
   * 2.2843 * 2.2222 * 2.3592 * 2.5321 * 500 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 * 1.6955 * 1.7289 * 1.5248 * 1.7451 * 1.3256 * 1.4733 * 1.2232 * 2.6603 *
   * 1.9422 * 1.9138 * 1.6196 * 1.8370 * 1.4419 * 1.6173 * 1.3447 * 2.7140 *
   * 1.9713 * 1.8946 * 1.5460 * 1.8151 * 1.4375 * 1.6616 * 1.3561 * 2.7022 *
   * 1.8387 * 1.7125 * 1.3617 * 1.6651 * 1.3626 * 1.6682 * 1.3533 * 2.5647 *
   * 1.7528 * 1.6221 * 1.3040 * 1.5790 * 1.3318 * 1.6393 * 1.3466 * 2.4206 *
   * 1.6971 * 1.5855 * 1.3163 * 1.5464 * 1.3427 * 1.5965 * 1.3450 * 2.1993 *
   ********************************************************************
 9 * 1.7289 * 1.3098 * 1.6737 * 1.2951 * 1.5816 * 1.3088 * 1.1920 * 2.5602 *
   * 1.9138 * 1.4753 * 1.8660 * 1.4301 * 1.7453 * 1.4221 * 1.3028 * 2.6107 *
   * 1.8946 * 1.4871 * 1.8610 * 1.4462 * 1.7604 * 1.4637 * 1.3171 * 2.6003 *
   * 1.7125 * 1.3789 * 1.6874 * 1.3655 * 1.6489 * 1.4735 * 1.3335 * 2.4709 *
   * 1.6221 * 1.3224 * 1.5967 * 1.2996 * 1.5730 * 1.4526 * 1.3317 * 2.3437 *
   * 1.5855 * 1.3165 * 1.5620 * 1.2881 * 1.5358 * 1.4243 * 1.3378 * 2.1379 *
   ********************************************************************
10 * 1.5248 * 1.6790 * 1.4459 * 1.4687 * 1.2301 * 1.3414 * 1.1738 * 2.6410 *
   * 1.6196 * 1.8705 * 1.6340 * 1.5944 * 1.3400 * 1.4530 * 1.2862 * 2.7264 *
   * 1.5460 * 1.8639 * 1.6650 * 1.5986 * 1.3757 * 1.4993 * 1.3125 * 2.7383 *
   * 1.3617 * 1.6907 * 1.5808 * 1.4941 * 1.3454 * 1.5097 * 1.3338 * 2.6365 *
   * 1.3040 * 1.5989 * 1.5167 * 1.4300 * 1.2916 * 1.4771 * 1.3350 * 2.5059 *
   * 1.3163 * 1.5632 * 1.4893 * 1.4137 * 1.2805 * 1.4472 * 1.3426 * 2.2835 *
   ********************************************************************
11 * 1.7451 * 1.2990 * 1.4746 * 1.2530 * 1.4032 * 1.2160 * 1.1919 * 2.8256 *
   * 1.8370 * 1.4344 * 1.6006 * 1.3948 * 1.5211 * 1.2833 * 1.2702 * 2.9135 *
   * 1.8151 * 1.4501 * 1.6042 * 1.4189 * 1.5359 * 1.3016 * 1.3022 * 2.9328 *
   * 1.6651 * 1.3691 * 1.4979 * 1.3502 * 1.4649 * 1.3165 * 1.3268 * 2.8281 *
   * 1.5790 * 1.3020 * 1.4325 * 1.2961 * 1.4095 * 1.3188 * 1.3263 * 2.6852 *
   * 1.5464 * 1.2894 * 1.4151 * 1.2858 * 1.3838 * 1.3433 * 1.3582 * 2.4381 *
   ********************************************************************
12 * 1.3256 * 1.5834 * 1.2317 * 1.4036 * 1.4031 * 1.2342 * 2.0996 *
   * 1.4419 * 1.7474 * 1.3419 * 1.5227 * 1.5419 * 1.3297 * 2.1319 *
   * 1.4375 * 1.7630 * 1.3773 * 1.5370 * 1.5841 * 1.3482 * 2.1384 *
   * 1.3626 * 1.6505 * 1.3469 * 1.4654 * 1.5679 * 1.3436 * 2.0758 *
   * 1.3318 * 1.5737 * 1.2924 * 1.4097 * 1.5312 * 1.3395 * 1.9970 *
   * 1.3427 * 1.5364 * 1.2807 * 1.3836 * 1.4967 * 1.3434 * 1.8671 *
   ************************************************************
13 * 1.4733 * 1.3103 * 1.3441 * 1.2178 * 1.2354 * 2.1410 * 3.8056 *
   * 1.6173 * 1.4236 * 1.4559 * 1.2852 * 1.3315 * 2.2263 * 3.9394 *
   * 1.6616 * 1.4651 * 1.5018 * 1.3032 * 1.3496 * 2.2347 * 3.9198 *
   * 1.6682 * 1.4742 * 1.5110 * 1.3171 * 1.3441 * 2.1347 * 3.6245 *
   * 1.6393 * 1.4530 * 1.4778 * 1.3188 * 1.3396 * 2.0295 * 3.3252 *
   * 1.5965 * 1.4245 * 1.4472 * 1.3430 * 1.3435 * 1.8879 * 2.9045 *
   ************************************************************
14 * 1.2232 * 1.1937 * 1.1757 * 1.1940 * 2.1016 * 3.8993 *
   * 1.3447 * 1.3044 * 1.2883 * 1.2723 * 2.1342 * 4.0284 *
   * 1.3561 * 1.3186 * 1.3143 * 1.3041 * 2.1403 * 4.0070 *
   * 1.3533 * 1.3340 * 1.3344 * 1.3274 * 2.0772 * 3.7003 *
   * 1.3466 * 1.3318 * 1.3351 * 1.3264 * 1.9982 * 3.3904 *
   * 1.3450 * 1.3377 * 1.3423 * 1.3580 * 1.8660 * 2.9575 *
   ******************************************************
15 * 2.6603 * 2.5616 * 2.6454 * 2.8310 *   4 EFPD 118 % POWER
   * 2.7140 * 2.6120 * 2.7308 * 2.9191 *  75 EFPD 118 % POWER
   * 2.7022 * 2.6013 * 2.7420 * 2.9375 * 125 EFPD 118 % POWER
   * 2.5647 * 2.4712 * 2.6378 * 2.8302 * 250 EFPD 118 % POWER
   * 2.4206 * 2.3438 * 2.5062 * 2.6862 * 350 EFPD 118 % POWER
   * 2.1993 * 2.1377 * 2.2833 * 2.4383 * 500 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 * 1.6910 * 1.7041 * 1.3124 * 1.6740 * 1.2313 * 1.4511 * 1.1931 * 2.5585 *
   * 2.0231 * 1.9653 * 1.6640 * 1.8778 * 1.5038 * 1.6785 * 1.4143 * 2.7886 *
   * 2.0766 * 1.9786 * 1.6298 * 1.8918 * 1.5312 * 1.7477 * 1.4530 * 2.8304 *
   * 1.9184 * 1.7859 * 1.4429 * 1.7372 * 1.4426 * 1.7373 * 1.4348 * 2.6810 *
   * 1.7912 * 1.6615 * 1.3540 * 1.6179 * 1.3776 * 1.6732 * 1.3985 * 2.4854 *
   * 1.6785 * 1.5724 * 1.3159 * 1.5351 * 1.3395 * 1.5786 * 1.3441 * 2.1954 *
   ********************************************************************************
 9 * 1.7041 * 1.2922 * 1.6447 * 1.2635 * 1.5494 * 1.2957 * 1.1714 * 2.4678 *
   * 1.9653 * 1.5370 * 1.9268 * 1.4815 * 1.7956 * 1.4888 * 1.3754 * 2.6881 *
   * 1.9786 * 1.5761 * 1.9421 * 1.5262 * 1.8324 * 1.5483 * 1.4163 * 2.7297 *
   * 1.7859 * 1.4632 * 1.7586 * 1.4445 * 1.7141 * 1.5402 * 1.4136 * 2.5912 *
   * 1.6615 * 1.3717 * 1.6343 * 1.3477 * 1.6072 * 1.4869 * 1.3823 * 2.4134 *
   * 1.5724 * 1.3157 * 1.5502 * 1.2892 * 1.5251 * 1.4092 * 1.3352 * 2.1396 *
   ********************************************************************************
10 * 1.3124 * 1.6487 * 1.4321 * 1.4278 * 1.2110 * 1.3248 * 1.1636 * 2.5629 *
   * 1.6640 * 1.9313 * 1.6930 * 1.6366 * 1.4015 * 1.5190 * 1.3594 * 2.8168 *
   * 1.6298 * 1.9449 * 1.7446 * 1.6682 * 1.4625 * 1.5857 * 1.4128 * 2.8785 *
   * 1.4429 * 1.7619 * 1.6448 * 1.5542 * 1.4228 * 1.5712 * 1.4148 * 2.7605 *
   * 1.3540 * 1.6370 * 1.5465 * 1.4604 * 1.3379 * 1.5046 * 1.3860 * 2.5763 *
   * 1.3159 * 1.5515 * 1.4695 * 1.3999 * 1.2783 * 1.4281 * 1.3404 * 2.2803 *
   ********************************************************************************
11 * 1.6740 * 1.2672 * 1.4334 * 1.2419 * 1.3800 * 1.1635 * 1.1743 * 2.7680 *
   * 1.8778 * 1.4859 * 1.6427 * 1.4495 * 1.5672 * 1.3525 * 1.3415 * 3.0347 *
   * 1.8918 * 1.5302 * 1.6738 * 1.4985 * 1.6061 * 1.3955 * 1.4008 * 3.1027 *
   * 1.7372 * 1.4483 * 1.5581 * 1.4275 * 1.5247 * 1.3937 * 1.4113 * 2.9762 *
   * 1.6179 * 1.3502 * 1.4632 * 1.3423 * 1.4400 * 1.3666 * 1.3813 * 2.7725 *
   * 1.5351 * 1.2906 * 1.4014 * 1.2833 * 1.3688 * 1.3369 * 1.3575 * 2.4420 *
   ********************************************************************************
12 * 1.2313 * 1.5512 * 1.2126 * 1.3804 * 1.3916 * 1.2181 * 2.0243 *
   * 1.5038 * 1.7984 * 1.4035 * 1.5685 * 1.6076 * 1.4006 * 2.2013 *
   * 1.5312 * 1.8349 * 1.4642 * 1.6072 * 1.6700 * 1.4453 * 2.2477 *
   * 1.4426 * 1.7156 * 1.4243 * 1.5252 * 1.6362 * 1.4271 * 2.1697 *
   * 1.3776 * 1.6079 * 1.3388 * 1.4402 * 1.5629 * 1.3936 * 2.0527 *
   * 1.3395 * 1.5250 * 1.2786 * 1.3686 * 1.4788 * 1.3425 * 1.8566 *
   ************************************************************************
13 * 1.4511 * 1.2970 * 1.3274 * 1.1650 * 1.2194 * 2.1071 * 3.7312 *
   * 1.6785 * 1.4903 * 1.5219 * 1.3544 * 1.4024 * 2.3221 * 4.0842 *
   * 1.7477 * 1.5496 * 1.5883 * 1.3971 * 1.4467 * 2.3665 * 4.1281 *
   * 1.7373 * 1.5410 * 1.5726 * 1.3943 * 1.4276 * 2.2494 * 3.8038 *
   * 1.6732 * 1.4873 * 1.5054 * 1.3666 * 1.3937 * 2.0971 * 3.4211 *
   * 1.5786 * 1.4094 * 1.4282 * 1.3366 * 1.3427 * 1.8883 * 2.8934 *
   ************************************************************************
14 * 1.1931 * 1.1728 * 1.1654 * 1.1763 * 2.0268 * 3.8251 *
   * 1.4143 * 1.3770 * 1.3616 * 1.3438 * 2.2040 * 4.1793 *
   * 1.4530 * 1.4178 * 1.4146 * 1.4028 * 2.2506 * 4.2228 *
   * 1.4348 * 1.4141 * 1.4154 * 1.4121 * 2.1725 * 3.8843 *
   * 1.3985 * 1.3824 * 1.3861 * 1.3814 * 2.0544 * 3.4905 *
   * 1.3441 * 1.3351 * 1.3402 * 1.3573 * 1.8561 * 2.9498 *
   ********************************************************
15 * 2.5585 * 2.4691 * 2.5671 * 2.7732 *   4 EFPD 118 % POWER
   * 2.7886 * 2.6894 * 2.8211 * 3.0401 *  75 EFPD 118 % POWER
   * 2.8304 * 2.7307 * 2.8822 * 3.1074 * 125 EFPD 118 % POWER
   * 2.6810 * 2.5916 * 2.7621 * 2.9785 * 250 EFPD 118 % POWER
   * 2.4854 * 2.4134 * 2.5769 * 2.7735 * 350 EFPD 118 % POWER
   * 2.1954 * 2.1394 * 2.2802 * 2.4424 * 500 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 * 1.9375 * 1.8483 * 1.3124 * 1.7770 * 1.2313 * 1.6295 * 1.1931 * 2.6719 *
   * 2.4183 * 2.2602 * 1.6640 * 2.1475 * 1.5748 * 1.9904 * 1.5219 * 3.1564 *
   * 2.5096 * 2.3230 * 1.7447 * 2.2210 * 1.6944 * 2.1041 * 1.6389 * 3.2957 *
   * 2.2897 * 2.1106 * 1.6817 * 2.0575 * 1.6927 * 2.0719 * 1.7029 * 3.1726 *
   * 2.0775 * 1.9243 * 1.5877 * 1.8787 * 1.6158 * 1.9390 * 1.6471 * 2.8943 *
   * 1.8496 * 1.7368 * 1.4893 * 1.6996 * 1.5094 * 1.7409 * 1.5263 * 2.4592 *
   ********************************************************************
 9 * 1.8483 * 1.3044 * 1.8215 * 1.2729 * 1.6918 * 1.4388 * 1.1714 * 2.5824 *
   * 2.2602 * 1.6705 * 2.2177 * 1.6128 * 2.0559 * 1.7645 * 1.4941 * 3.0524 *
   * 2.3230 * 1.7582 * 2.2785 * 1.7005 * 2.1412 * 1.8692 * 1.6119 * 3.1892 *
   * 2.1106 * 1.6897 * 2.0761 * 1.6508 * 2.0140 * 1.8476 * 1.6821 * 3.0735 *
   * 1.9243 * 1.5877 * 1.8916 * 1.5504 * 1.8506 * 1.7353 * 1.6316 * 2.8194 *
   * 1.7368 * 1.4726 * 1.7111 * 1.4376 * 1.6781 * 1.5660 * 1.5147 * 2.4125 *
   ********************************************************************
10 * 1.3124 * 1.8241 * 1.6193 * 1.5361 * 1.2295 * 1.4918 * 1.1839 * 2.7636 *
   * 1.6640 * 2.2227 * 1.9995 * 1.8762 * 1.5393 * 1.8119 * 1.5029 * 3.2572 *
   * 1.7447 * 2.2834 * 2.0860 * 1.9535 * 1.6401 * 1.9082 * 1.6191 * 3.4043 *
   * 1.6817 * 2.0798 * 1.9496 * 1.8302 * 1.6291 * 1.8604 * 1.6857 * 3.2850 *
   * 1.5877 * 1.8945 * 1.7850 * 1.6823 * 1.5396 * 1.7370 * 1.6380 * 3.0066 *
   * 1.4893 * 1.7127 * 1.6122 * 1.5370 * 1.4275 * 1.5693 * 1.5209 * 2.5545 *
   ********************************************************************
11 * 1.7770 * 1.2783 * 1.5419 * 1.2424 * 1.4982 * 1.1635 * 1.2464 * 3.0098 *
   * 2.1475 * 1.6178 * 1.8827 * 1.5599 * 1.8092 * 1.4763 * 1.5499 * 3.5319 *
   * 2.2210 * 1.7053 * 1.9595 * 1.6588 * 1.8909 * 1.5955 * 1.6575 * 3.6901 *
   * 2.0574 * 1.6544 * 1.8345 * 1.6375 * 1.8010 * 1.6634 * 1.6980 * 3.5568 *
   * 1.8787 * 1.5528 * 1.6854 * 1.5451 * 1.6635 * 1.6121 * 1.6444 * 3.2503 *
   * 1.6996 * 1.4390 * 1.5388 * 1.4325 * 1.5103 * 1.5096 * 1.5466 * 2.7597 *
   ********************************************************************
12 * 1.2313 * 1.6946 * 1.2313 * 1.4995 * 1.6108 * 1.2404 * 2.1057 *
   * 1.5748 * 2.0591 * 1.5416 * 1.8106 * 1.9524 * 1.5542 * 2.4943 *
   * 1.6944 * 2.1442 * 1.6423 * 1.8922 * 2.0529 * 1.6617 * 2.6215 *
   * 1.6927 * 2.0157 * 1.6307 * 1.8017 * 1.9867 * 1.6977 * 2.5651 *
   * 1.6158 * 1.8514 * 1.5405 * 1.6638 * 1.8413 * 1.6440 * 2.3864 *
   * 1.5094 * 1.6781 * 1.4277 * 1.5102 * 1.6547 * 1.5256 * 2.0902 *
   ********************************************************************
13 * 1.6295 * 1.4404 * 1.4947 * 1.1650 * 1.2418 * 2.2869 * 4.0665 *
   * 1.9904 * 1.7662 * 1.8149 * 1.4782 * 1.5558 * 2.7158 * 4.7272 *
   * 2.1041 * 1.8708 * 1.9110 * 1.5971 * 1.6631 * 2.8382 * 4.8714 *
   * 2.0719 * 1.8485 * 1.8620 * 1.6641 * 1.6982 * 2.7217 * 4.5056 *
   * 1.9390 * 1.7358 * 1.7378 * 1.6122 * 1.6441 * 2.4909 * 3.9762 *
   * 1.7409 * 1.5662 * 1.5696 * 1.5094 * 1.5258 * 2.1608 * 3.2299 *
   ********************************************************************
14 * 1.1931 * 1.1728 * 1.1857 * 1.2485 * 2.1103 * 4.1642 *
   * 1.5219 * 1.4958 * 1.5049 * 1.5524 * 2.4997 * 4.8323 *
   * 1.6389 * 1.6133 * 1.6208 * 1.6596 * 2.6267 * 4.9789 *
   * 1.7029 * 1.6826 * 1.6863 * 1.6987 * 2.5687 * 4.5987 *
   * 1.6471 * 1.6317 * 1.6381 * 1.6445 * 2.3888 * 4.0532 *
   * 1.5263 * 1.5145 * 1.5207 * 1.5465 * 2.0915 * 3.2889 *
   ********************************************************
15 * 2.6719 * 2.5845 * 2.7682 * 3.0154 *   4 EFPD 118 % POWER
   * 3.1564 * 3.0544 * 3.2620 * 3.5379 *  75 EFPD 118 % POWER
   * 3.2957 * 3.1903 * 3.4086 * 3.6953 * 125 EFPD 118 % POWER
   * 3.1726 * 3.0738 * 3.2870 * 3.5594 * 250 EFPD 118 % POWER
   * 2.8943 * 2.8194 * 3.0073 * 3.2515 * 350 EFPD 118 % POWER
   * 2.4592 * 2.4123 * 2.5546 * 2.7602 * 500 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 * 4.2549 * 3.9399 * 3.0245 * 3.7485 * 2.8987 * 3.6826 * 3.0591 * 5.8690 *
   * 5.4373 * 4.9922 * 3.9937 * 4.7113 * 3.8204 * 4.6558 * 4.0102 * 7.2321 *
   * 5.6398 * 5.1636 * 4.2160 * 4.9097 * 4.1052 * 4.9274 * 4.3120 * 7.6176 *
   * 4.9596 * 4.5695 * 3.9453 * 4.4362 * 3.9807 * 4.6418 * 4.2902 * 7.1683 *
   * 4.2754 * 3.9688 * 3.5360 * 3.8642 * 3.5933 * 4.1016 * 3.9112 * 6.2508 *
   * 3.4766 * 3.2702 * 3.0118 * 3.1969 * 3.0435 * 3.3605 * 3.2641 * 4.8689 *
   ********************************************************************************
 9 * 3.9399 * 3.1192 * 3.8630 * 2.9226 * 3.5841 * 3.4670 * 3.0248 * 5.7406 *
   * 4.9922 * 4.1312 * 4.8644 * 3.8438 * 4.5067 * 4.3724 * 3.9610 * 7.0772 *
   * 5.1636 * 4.3645 * 5.0399 * 4.0856 * 4.7208 * 4.6311 * 4.2621 * 7.4570 *
   * 4.5695 * 4.0700 * 4.4847 * 3.8949 * 4.3282 * 4.3938 * 4.2503 * 7.0250 *
   * 3.9688 * 3.6351 * 3.8969 * 3.4998 * 3.7945 * 3.8940 * 3.8814 * 6.1557 *
   * 3.2702 * 3.0717 * 3.2222 * 2.9739 * 3.1457 * 3.1839 * 3.2442 * 4.8187 *
   ********************************************************************************
10 * 3.0245 * 3.8726 * 3.7677 * 3.4125 * 2.8306 * 3.4830 * 3.0669 * 6.0556 *
   * 3.9937 * 4.8759 * 4.7748 * 4.3074 * 3.6920 * 4.3534 * 3.9939 * 7.4422 *
   * 4.2160 * 5.0506 * 4.9793 * 4.5036 * 3.9621 * 4.5915 * 4.2901 * 7.8384 *
   * 3.9453 * 4.4923 * 4.4834 * 4.1003 * 3.8401 * 4.3181 * 4.2657 * 7.3854 *
   * 3.5360 * 3.9027 * 3.8973 * 3.5874 * 3.4732 * 3.8199 * 3.9014 * 6.4643 *
   * 3.0118 * 3.2252 * 3.2063 * 2.9877 * 2.9511 * 3.1351 * 3.2641 * 5.0461 *
   ********************************************************************************
11 * 3.7485 * 2.9312 * 3.4241 * 2.8557 * 3.4358 * 2.8388 * 3.2502 * 6.7734 *
   * 4.7113 * 3.8547 * 4.3201 * 3.7343 * 4.2964 * 3.6977 * 4.1716 * 8.2655 *
   * 4.9097 * 4.0961 * 4.5161 * 3.9943 * 4.5084 * 3.9846 * 4.4465 * 8.6913 *
   * 4.4362 * 3.9025 * 4.1093 * 3.8594 * 4.1581 * 3.9684 * 4.3480 * 8.1651 *
   * 3.8642 * 3.5049 * 3.5936 * 3.4845 * 3.6588 * 3.6189 * 3.9596 * 7.1232 *
   * 3.1969 * 2.9770 * 2.9913 * 2.9607 * 3.0206 * 3.0579 * 3.3632 * 5.5319 *
   ********************************************************************************
12 * 2.8987 * 3.5907 * 2.8352 * 3.4394 * 3.8448 * 3.1873 * 4.6560 *
   * 3.8204 * 4.5143 * 3.6973 * 4.3004 * 4.7946 * 4.1160 * 5.7515 *
   * 4.1052 * 4.7279 * 3.9675 * 4.5117 * 5.0389 * 4.3926 * 6.0880 *
   * 3.9807 * 4.3322 * 3.8439 * 4.1598 * 4.6898 * 4.2911 * 5.8041 *
   * 3.5933 * 3.7967 * 3.4753 * 3.6595 * 4.1178 * 3.9126 * 5.1455 *
   * 3.0435 * 3.1462 * 2.9520 * 3.0207 * 3.3558 * 3.2775 * 4.1127 *
   ************************************************************************
13 * 3.6826 * 3.4705 * 3.4895 * 2.8425 * 3.1909 * 4.9532 * 8.9738 *
   * 4.6558 * 4.3762 * 4.3603 * 3.7025 * 4.1202 * 6.1126 *10.8278 *
   * 4.9274 * 4.6346 * 4.5978 * 3.9887 * 4.3962 * 6.4264 *11.2365 *
   * 4.6418 * 4.3957 * 4.3214 * 3.9701 * 4.2926 * 6.0034 *10.1661 *
   * 4.1016 * 3.8949 * 3.8219 * 3.6194 * 3.9130 * 5.2444 * 8.5966 *
   * 3.3605 * 3.1842 * 3.1357 * 3.0578 * 3.2782 * 4.1669 * 6.4211 *
   ************************************************************************
14 * 3.0591 * 3.0273 * 3.0716 * 3.2560 * 4.6669 * 9.0397 *
   * 4.0102 * 3.9653 * 3.9993 * 4.1782 * 5.7643 *10.8896 *
   * 4.3120 * 4.2658 * 4.2947 * 4.4522 * 6.1003 *11.3010 *
   * 4.2902 * 4.2518 * 4.2674 * 4.3503 * 5.8127 *10.2220 *
   * 3.9112 * 3.8818 * 3.9019 * 3.9602 * 5.1511 * 8.6432 *
   * 3.2641 * 3.2441 * 3.2640 * 3.3633 * 4.1154 * 6.4574 *
   ********************************************************
15 * 5.8690 * 5.7434 * 6.0638 * 6.7858 *   4 EFPD 118 % POWER
   * 7.2321 * 7.0803 * 7.4512 * 8.2792 *  75 EFPD 118 % POWER
   * 7.6176 * 7.4595 * 7.8461 * 8.7032 * 125 EFPD 118 % POWER
   * 7.1683 * 7.0257 * 7.3885 * 8.1709 * 250 EFPD 118 % POWER
   * 6.2508 * 6.1557 * 6.4651 * 7.1259 * 350 EFPD 118 % POWER
   * 4.8689 * 4.8184 * 5.0459 * 5.5329 * 500 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 | 1.1443 | 1.1331 | 1.1849 | 1.1299 | 1.3330 | 1.2848 | 1.3966 | 0.6739 |
| | 1.4851 | 1.5162 | 1.3726 | 1.4981 | 1.2370 | 1.3492 | 1.2465 | 2.3939 |
| 9 | 1.1331 | 1.3598 | 1.1666 | 1.3670 | 1.2296 | 1.4315 | 1.4291 | 0.7024 |
| | 1.5162 | 1.2943 | 1.4839 | 1.2090 | 1.3891 | 1.2174 | 1.2236 | 2.3129 |
| 10 | 1.1849 | 1.1640 | 1.3343 | 1.3184 | 1.4247 | 1.4011 | 1.4432 | 0.6701 |
| | 1.3726 | 1.4873 | 1.2958 | 1.3239 | 1.2554 | 1.2588 | 1.2440 | 2.4612 |
| 11 | 1.1299 | 1.3633 | 1.3139 | 1.4016 | 1.3597 | 1.4151 | 1.4211 | 0.6275 |
| | 1.4981 | 1.2113 | 1.3278 | 1.2703 | 1.3034 | 1.2676 | 1.2569 | 2.6597 |
| 12 | 1.3330 | 1.2284 | 1.4230 | 1.3593 | 1.3404 | 1.3891 | 0.8444 | |
| | 1.2370 | 1.3901 | 1.2002 | 1.3037 | 1.3062 | 1.2738 | 2.0019 | |
| 13 | 1.2848 | 1.4303 | 1.3992 | 1.4134 | 1.3880 | 0.9074 | 0.4754 | |
| | 1.3492 | 1.2181 | 1.2600 | 1.2689 | 1.2747 | 1.8499 | 3.4573 | |
| 14 | 1.3966 | 1.4278 | 1.4416 | 1.4193 | 0.8436 | 0.4622 | | |
| | 1.2465 | 1.2244 | 1.2451 | 1.2584 | 2.0031 | 3.5518 | | |
| 15 | 0.6739 | 0.7022 | 0.6693 | 0.6265 | F-DEL-H | | | |
| | 2.3939 | 2.3132 | 2.4634 | 2.6625 | M-DEL-H | | | |

AT 100% POWER, 75 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0503 | 1.0742 | 1.2287 | 1.1185 | 1.3512 | 1.2253 | 1.3947 | 0.6860 |
| | 1.6566 | 1.6432 | 1.4787 | 1.5754 | 1.3287 | 1.4551 | 1.2838 | 2.4805 |
| 9 | 1.0742 | 1.3220 | 1.0966 | 1.3609 | 1.1697 | 1.3751 | 1.4294 | 0.7155 |
| | 1.6432 | 1.3761 | 1.6224 | 1.3364 | 1.5376 | 1.3022 | 1.2598 | 2.3890 |
| 10 | 1.2287 | 1.0944 | 1.2405 | 1.2728 | 1.4276 | 1.3443 | 1.4385 | 0.6757 |
| | 1.4787 | 1.6252 | 1.4324 | 1.4261 | 1.2864 | 1.3595 | 1.2775 | 2.5584 |
| 11 | 1.1185 | 1.3573 | 1.2687 | 1.3895 | 1.3173 | 1.4701 | 1.4401 | 0.6346 |
| | 1.5754 | 1.3395 | 1.4302 | 1.3218 | 1.3721 | 1.2499 | 1.2751 | 2.7492 |
| 12 | 1.3512 | 1.1686 | 1.4259 | 1.3163 | 1.2803 | 1.4027 | 0.8597 | |
| | 1.3287 | 1.5388 | 1.2878 | 1.3731 | 1.3909 | 1.3000 | 2.0641 | |
| 13 | 1.2253 | 1.3740 | 1.3426 | 1.4685 | 1.4012 | 0.9072 | 0.4801 | |
| | 1.4551 | 1.3029 | 1.3609 | 1.2511 | 1.3012 | 1.9059 | 3.5407 | |
| 14 | 1.3947 | 1.4282 | 1.4369 | 1.4382 | 0.8589 | 0.4669 | | |
| | 1.2838 | 1.2606 | 1.2786 | 1.2766 | 2.0655 | 3.6332 | | |
| 15 | 0.6860 | 0.7153 | 0.6749 | 0.6337 | F-DEL-H | | | |
| | 2.4805 | 2.3895 | 2.5608 | 2.7522 | 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 | 1.0312 | 1.0757 | 1.3003 | 1.1239 | 1.3785 | 1.1895 | 1.4041 | 0.6876 |
| | 1.6964 | 1.6737 | 1.4004 | 1.5936 | 1.2994 | 1.4915 | 1.2683 | 2.4695 |
| 9 | 1.0757 | 1.3288 | 1.0935 | 1.3674 | 1.1587 | 1.3355 | 1.4358 | 0.7171 |
| | 1.6737 | 1.3803 | 1.6535 | 1.3277 | 1.5511 | 1.3347 | 1.2481 | 2.3782 |
| 10 | 1.3003 | 1.0921 | 1.2132 | 1.2636 | 1.4184 | 1.3038 | 1.4355 | 0.6722 |
| | 1.4004 | 1.6553 | 1.4851 | 1.4397 | 1.2970 | 1.3952 | 1.2736 | 2.6023 |
| 11 | 1.1239 | 1.3641 | 1.2597 | 1.3907 | 1.3003 | 1.4762 | 1.4187 | 0.6316 |
| | 1.5936 | 1.3305 | 1.4437 | 1.3229 | 1.4056 | 1.2446 | 1.2898 | 2.7856 |
| 12 | 1.3785 | 1.1572 | 1.4170 | 1.2994 | 1.2452 | 1.3985 | 0.8557 | |
| | 1.2994 | 1.5528 | 1.2982 | 1.4066 | 1.4470 | 1.3019 | 2.0669 | |
| 13 | 1.1895 | 1.3345 | 1.3024 | 1.4747 | 1.3972 | 0.9004 | 0.4820 | |
| | 1.4915 | 1.3354 | 1.3964 | 1.2457 | 1.3029 | 1.9476 | 3.5233 | |
| 14 | 1.4041 | 1.4347 | 1.4341 | 1.4171 | 0.8550 | 0.4688 | | |
| | 1.2683 | 1.2489 | 1.2745 | 1.2909 | 2.0681 | 3.6140 | | |
| 15 | 0.6876 | 0.7169 | 0.6715 | 0.6308 | F-DEL-H | | | |
| | 2.4695 | 2.3785 | 2.6041 | 2.7884 | M-DEL-H | | | |

AT 100% POWER, 250 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0276 | 1.1015 | 1.4163 | 1.1400 | 1.4228 | 1.1224 | 1.3911 | 0.6880 |
| | 1.7171 | 1.6256 | 1.3000 | 1.5552 | 1.2687 | 1.5457 | 1.2730 | 2.4069 |
| 9 | 1.1015 | 1.3935 | 1.1218 | 1.4244 | 1.1579 | 1.2568 | 1.4104 | 0.7166 |
| | 1.6256 | 1.3176 | 1.6019 | 1.2800 | 1.5316 | 1.3876 | 1.2624 | 2.3217 |
| 10 | 1.4163 | 1.1200 | 1.1959 | 1.2648 | 1.4478 | 1.2425 | 1.4053 | 0.6663 |
| | 1.3000 | 1.6042 | 1.4897 | 1.4349 | 1.2701 | 1.4448 | 1.2763 | 2.5633 |
| 11 | 1.1400 | 1.4210 | 1.2617 | 1.4438 | 1.2794 | 1.4522 | 1.3767 | 0.6257 |
| | 1.5552 | 1.2824 | 1.4381 | 1.2726 | 1.4037 | 1.2423 | 1.3053 | 2.7415 |
| 12 | 1.4228 | 1.1569 | 1.4463 | 1.2789 | 1.1883 | 1.3849 | 0.8398 | |
| | 1.2687 | 1.5328 | 1.2713 | 1.4043 | 1.4572 | 1.2856 | 2.0510 | |
| 13 | 1.1224 | 1.2562 | 1.2415 | 1.4515 | 1.3841 | 0.8885 | 0.4932 | |
| | 1.5457 | 1.3880 | 1.4457 | 1.2429 | 1.2862 | 1.9245 | 3.4160 | |
| 14 | 1.3911 | 1.4099 | 1.4047 | 1.3759 | 0.8392 | 0.4803 | | |
| | 1.2730 | 1.2628 | 1.2767 | 1.3060 | 2.0520 | 3.5002 | | |
| 15 | 0.6880 | 0.7165 | 0.6660 | 0.6253 | F-DEL-H | | | |
| | 2.4069 | 2.3218 | 2.5643 | 2.7430 | 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 | 1.0267 | 1.1044 | 1.4345 | 1.1392 | 1.4185 | 1.0941 | 1.3715 | 0.6991 |
| | 1.7180 | 1.6209 | 1.2488 | 1.5320 | 1.2312 | 1.5538 | 1.2488 | 2.3633 |
| 9 | 1.1044 | 1.4115 | 1.1263 | 1.4525 | 1.1552 | 1.2203 | 1.3851 | 0.7270 |
| | 1.6209 | 1.2802 | 1.5731 | 1.2219 | 1.5084 | 1.4002 | 1.2435 | 2.2825 |
| 10 | 1.4345 | 1.1249 | 1.1880 | 1.2583 | 1.4674 | 1.2138 | 1.3796 | 0.6750 |
| | 1.2488 | 1.5753 | 1.4846 | 1.4110 | 1.2209 | 1.4435 | 1.2611 | 2.4800 |
| 11 | 1.1392 | 1.4501 | 1.2562 | 1.4642 | 1.2673 | 1.4194 | 1.3522 | 0.6358 |
| | 1.5320 | 1.2236 | 1.4133 | 1.2207 | 1.3896 | 1.2444 | 1.3017 | 2.6632 |
| 12 | 1.4185 | 1.1547 | 1.4664 | 1.2670 | 1.1640 | 1.3694 | 0.8402 | |
| | 1.2312 | 1.5091 | 1.2217 | 1.3899 | 1.4803 | 1.2729 | 2.0431 | |
| 13 | 1.0941 | 1.2200 | 1.2133 | 1.4192 | 1.3690 | 0.8945 | 0.5149 | |
| | 1.5538 | 1.4005 | 1.4439 | 1.2446 | 1.2733 | 1.9069 | 3.2009 | |
| 14 | 1.3715 | 1.3849 | 1.3794 | 1.3519 | 0.8398 | 0.5021 | | |
| | 1.2488 | 1.2436 | 1.2612 | 1.3021 | 2.0438 | 3.2783 | | |
| 15 | 0.6991 | 0.7270 | 0.6749 | 0.6355 | F-DEL-H | | | |
| | 2.3633 | 2.2825 | 2.4805 | 2.6641 | M-DEL-H | | | |

AT 100% POWER, 500 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0221 | 1.0900 | 1.3990 | 1.1203 | 1.3785 | 1.0792 | 1.3526 | 0.7336 |
| | 1.6853 | 1.6080 | 1.2778 | 1.5296 | 1.2447 | 1.5500 | 1.2710 | 2.2148 |
| 9 | 1.0900 | 1.3928 | 1.1092 | 1.4307 | 1.1342 | 1.1957 | 1.3600 | 0.7609 |
| | 1.6080 | 1.2725 | 1.5660 | 1.2387 | 1.5074 | 1.4049 | 1.2688 | 2.1446 |
| 10 | 1.3990 | 1.1080 | 1.1641 | 1.2255 | 1.4399 | 1.1840 | 1.3554 | 0.7075 |
| | 1.2778 | 1.5676 | 1.4853 | 1.4209 | 1.2423 | 1.4546 | 1.2855 | 2.3275 |
| 11 | 1.1203 | 1.4294 | 1.2242 | 1.4351 | 1.2323 | 1.3716 | 1.3316 | 0.6714 |
| | 1.5296 | 1.2397 | 1.4223 | 1.2431 | 1.3992 | 1.2659 | 1.3270 | 2.4798 |
| 12 | 1.3785 | 1.1342 | 1.4395 | 1.2323 | 1.1393 | 1.3538 | 0.8612 | |
| | 1.2447 | 1.5076 | 1.2427 | 1.3993 | 1.4800 | 1.2668 | 1.9559 | |
| 13 | 1.0792 | 1.1956 | 1.1839 | 1.3717 | 1.3536 | 0.9212 | 0.5644 | |
| | 1.5500 | 1.4050 | 1.4546 | 1.2660 | 1.2670 | 1.8193 | 2.9285 | |
| 14 | 1.3526 | 1.3601 | 1.3555 | 1.3316 | 0.8611 | 0.5513 | | |
| | 1.2710 | 1.2688 | 1.2854 | 1.3271 | 1.9558 | 2.9952 | | |
| 15 | 0.7336 | 0.7609 | 0.7074 | 0.6713 | F-DEL-H | | | |
| | 2.2148 | 2.1445 | 2.3277 | 2.4802 | 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 | 1.0543 | 1.0935 | 1.1724 | 1.1385 | 1.3623 | 1.3199 | 1.4363 | 0.6827 |
| | 1.8689 | 1.9095 | 1.6719 | 1.7437 | 1.4375 | 1.5499 | 1.4525 | 2.8438 |
| 9 | 1.0935 | 1.3516 | 1.1634 | 1.3824 | 1.2511 | 1.4753 | 1.4683 | 0.7117 |
| | 1.9095 | 1.6097 | 1.7835 | 1.4284 | 1.6373 | 1.3986 | 1.4345 | 2.7426 |
| 10 | 1.1724 | 1.1602 | 1.3468 | 1.3319 | 1.4392 | 1.4354 | 1.4787 | 0.6750 |
| | 1.6719 | 1.7939 | 1.5554 | 1.5837 | 1.4019 | 1.4671 | 1.4408 | 2.9461 |
| 11 | 1.1385 | 1.3784 | 1.3270 | 1.3992 | 1.3536 | 1.4280 | 1.4355 | 0.6272 |
| | 1.7437 | 1.4319 | 1.5883 | 1.4693 | 1.5747 | 1.5600 | 1.5263 | 3.1997 |
| 12 | 1.3623 | 1.2499 | 1.4372 | 1.3523 | 1.2175 | 1.3525 | 0.8291 | |
| | 1.4375 | 1.6380 | 1.4031 | 1.5751 | 1.5745 | 1.5503 | 2.4980 | |
| 13 | 1.3199 | 1.4740 | 1.4333 | 1.4261 | 1.3512 | 0.8595 | 0.4528 | |
| | 1.5499 | 1.3992 | 1.4683 | 1.5617 | 1.5515 | 2.3038 | 4.3702 | |
| 14 | 1.4363 | 1.4669 | 1.4769 | 1.4335 | 0.8282 | 0.4400 | | |
| | 1.4525 | 1.4354 | 1.4421 | 1.5281 | 2.4997 | 4.4883 | | |
| 15 | 0.6827 | 0.7115 | 0.6741 | 0.6262 | F-DEL-H | | | |
| | 2.8438 | 2.7433 | 2.9488 | 3.2031 | M-DEL-H | | | |

AT 75% POWER, 75 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9770 | 1.0465 | 1.2252 | 1.1265 | 1.3780 | 1.2564 | 1.4334 | 0.6964 |
| | 2.1190 | 2.0986 | 1.7689 | 1.8616 | 1.5397 | 1.6762 | 1.4968 | 2.9247 |
| 9 | 1.0465 | 1.3093 | 1.0930 | 1.3751 | 1.1861 | 1.4149 | 1.4692 | 0.7265 |
| | 2.0986 | 1.7024 | 1.9578 | 1.5787 | 1.7778 | 1.4980 | 1.4724 | 2.8205 |
| 10 | 1.2252 | 1.0866 | 1.2459 | 1.2833 | 1.4390 | 1.3758 | 1.4717 | 0.6821 |
| | 1.7689 | 1.9682 | 1.7306 | 1.6909 | 1.5508 | 1.5693 | 1.4908 | 3.0362 |
| 11 | 1.1265 | 1.3713 | 1.2788 | 1.3922 | 1.3131 | 1.4759 | 1.4568 | 0.6357 |
| | 1.8616 | 1.5821 | 1.6959 | 1.6045 | 1.6769 | 1.5403 | 1.5474 | 3.3025 |
| 12 | 1.3780 | 1.1848 | 1.4371 | 1.3119 | 1.1567 | 1.3750 | 0.8469 | |
| | 1.5397 | 1.7784 | 1.5525 | 1.6782 | 1.6981 | 1.5703 | 2.5478 | |
| 13 | 1.2564 | 1.4137 | 1.3738 | 1.4741 | 1.3734 | 0.8603 | 0.4582 | |
| | 1.6762 | 1.4987 | 1.5707 | 1.5419 | 1.5716 | 2.3885 | 4.5017 | |
| 14 | 1.4334 | 1.4678 | 1.4699 | 1.4548 | 0.8460 | 0.4454 | | |
| | 1.4968 | 1.4734 | 1.4922 | 1.5492 | 2.5496 | 4.6170 | | |
| 15 | 0.6964 | 0.7262 | 0.6812 | 0.6347 | F-DEL-H | | | |
| | 2.9247 | 2.8209 | 3.0386 | 3.3062 | 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 | 0.9651 | 1.0515 | 1.3012 | 1.1342 | 1.4070 | 1.2196 | 1.4462 | 0.6989 |
| | 2.1730 | 2.1070 | 1.6825 | 1.8581 | 1.5167 | 1.7225 | 1.5115 | 2.9190 |
| 9 | 1.0515 | 1.3186 | 1.0893 | 1.3838 | 1.1718 | 1.3732 | 1.4762 | 0.7290 |
| | 2.1070 | 1.6981 | 1.9673 | 1.5778 | 1.8103 | 1.5414 | 1.4790 | 2.8144 |
| 10 | 1.3012 | 1.0865 | 1.2183 | 1.2749 | 1.4266 | 1.3329 | 1.4706 | 0.6799 |
| | 1.6825 | 1.9717 | 1.7736 | 1.7046 | 1.5818 | 1.6233 | 1.5040 | 3.0422 |
| 11 | 1.1342 | 1.3802 | 1.2708 | 1.3938 | 1.2949 | 1.4833 | 1.4362 | 0.6327 |
| | 1.8581 | 1.5810 | 1.7094 | 1.6368 | 1.6977 | 1.5302 | 1.5808 | 3.3165 |
| 12 | 1.4070 | 1.1702 | 1.4250 | 1.2939 | 1.1290 | 1.3684 | 0.8421 | |
| | 1.5167 | 1.8124 | 1.5834 | 1.6990 | 1.7435 | 1.6026 | 2.5526 | |
| 13 | 1.2196 | 1.3722 | 1.3312 | 1.4817 | 1.3669 | 0.8505 | 0.4589 | |
| | 1.7225 | 1.5421 | 1.6246 | 1.5317 | 1.6040 | 2.4026 | 4.4802 | |
| 14 | 1.4462 | 1.4750 | 1.4691 | 1.4344 | 0.8413 | 0.4462 | | |
| | 1.5115 | 1.4799 | 1.5053 | 1.5824 | 2.5542 | 4.5932 | | |
| 15 | 0.6989 | 0.7288 | 0.6792 | 0.6318 | F-DEL-H | | | |
| | 2.9190 | 2.8148 | 3.0443 | 3.3197 | M-DEL-H | | | |

AT 75% POWER, 250 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9675 | 1.0865 | 1.4335 | 1.1591 | 1.4572 | 1.1526 | 1.4373 | 0.7017 |
| | 2.1958 | 2.0636 | 1.5392 | 1.8353 | 1.4676 | 1.8101 | 1.4768 | 2.8975 |
| 9 | 1.0865 | 1.3905 | 1.1290 | 1.4550 | 1.1765 | 1.2931 | 1.4528 | 0.7307 |
| | 2.0636 | 1.6287 | 1.9197 | 1.4997 | 1.8093 | 1.6213 | 1.4646 | 2.7957 |
| 10 | 1.4335 | 1.1267 | 1.2058 | 1.2826 | 1.4684 | 1.2621 | 1.4403 | 0.6753 |
| | 1.5392 | 1.9232 | 1.8019 | 1.6971 | 1.5117 | 1.6968 | 1.4887 | 3.0410 |
| 11 | 1.1591 | 1.4517 | 1.2793 | 1.4466 | 1.2722 | 1.4538 | 1.3866 | 0.6260 |
| | 1.8353 | 1.5027 | 1.7009 | 1.5374 | 1.7120 | 1.5151 | 1.5894 | 3.3130 |
| 12 | 1.4572 | 1.1754 | 1.4667 | 1.2715 | 1.0832 | 1.3303 | 0.8206 | |
| | 1.4676 | 1.8108 | 1.5132 | 1.7128 | 1.8095 | 1.5745 | 2.5739 | |
| 13 | 1.1526 | 1.2925 | 1.2611 | 1.4530 | 1.3295 | 0.8240 | 0.4640 | |
| | 1.8101 | 1.6218 | 1.6978 | 1.5159 | 1.5753 | 2.4167 | 4.3640 | |
| 14 | 1.4373 | 1.4522 | 1.4396 | 1.3857 | 0.8200 | 0.4517 | | |
| | 1.4768 | 1.4649 | 1.4893 | 1.5903 | 2.5754 | 4.4695 | | |
| 15 | 0.7017 | 0.7306 | 0.6749 | 0.6255 | F-DEL-H | | | |
| | 2.8975 | 2.7958 | 3.0423 | 3.3150 | 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 | 0.9603 | 1.0923 | 1.4615 | 1.1653 | 1.4620 | 1.1277 | 1.4234 | 0.7163 |
| | 2.1438 | 2.0490 | 1.5093 | 1.8339 | 1.4642 | 1.8177 | 1.4895 | 2.7988 |
| 9 | 1.0923 | 1.4133 | 1.1412 | 1.4939 | 1.1797 | 1.2598 | 1.4325 | 0.7447 |
| | 2.0490 | 1.6011 | 1.9036 | 1.4618 | 1.7776 | 1.6339 | 1.4796 | 2.6971 |
| 10 | 1.4615 | 1.1393 | 1.2025 | 1.2819 | 1.4932 | 1.2359 | 1.4168 | 0.6862 |
| | 1.5093 | 1.9066 | 1.7711 | 1.6971 | 1.4767 | 1.7277 | 1.5054 | 2.9401 |
| 11 | 1.1653 | 1.4916 | 1.2796 | 1.4703 | 1.2580 | 1.4153 | 1.3591 | 0.6363 |
| | 1.8339 | 1.4640 | 1.7000 | 1.5086 | 1.7195 | 1.5395 | 1.6051 | 3.1868 |
| 12 | 1.4620 | 1.1790 | 1.4920 | 1.2577 | 1.0566 | 1.2987 | 0.8159 | |
| | 1.4642 | 1.7788 | 1.4779 | 1.7201 | 1.8408 | 1.5827 | 2.5118 | |
| 13 | 1.1277 | 1.2595 | 1.2355 | 1.4150 | 1.2983 | 0.8148 | 0.4791 | |
| | 1.8177 | 1.6342 | 1.7282 | 1.5399 | 1.5832 | 2.3505 | 4.0902 | |
| 14 | 1.4234 | 1.4324 | 1.4166 | 1.3588 | 0.8156 | 0.4669 | | |
| | 1.4895 | 1.4797 | 1.5056 | 1.6056 | 2.5127 | 4.1847 | | |
| 15 | 0.7163 | 0.7447 | 0.6861 | 0.6360 | F-DEL-H | | | |
| | 2.7988 | 2.6971 | 2.9408 | 3.1880 | M-DEL-H | | | |

AT 75% POWER, 500 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9308 | 1.0767 | 1.4353 | 1.1558 | 1.4347 | 1.1251 | 1.4210 | 0.7616 |
| | 2.1311 | 2.0131 | 1.5051 | 1.8202 | 1.4725 | 1.8398 | 1.4817 | 2.6800 |
| 9 | 1.0767 | 1.3937 | 1.1333 | 1.4828 | 1.1676 | 1.2479 | 1.4249 | 0.7895 |
| | 2.0131 | 1.5787 | 1.8784 | 1.4449 | 1.7948 | 1.6613 | 1.4736 | 2.5874 |
| 10 | 1.4353 | 1.1320 | 1.1838 | 1.2553 | 1.4754 | 1.2123 | 1.4021 | 0.7266 |
| | 1.5051 | 1.8805 | 1.7930 | 1.6950 | 1.4607 | 1.7288 | 1.5050 | 2.8116 |
| 11 | 1.1558 | 1.4815 | 1.2538 | 1.4401 | 1.2167 | 1.3618 | 1.3389 | 0.6756 |
| | 1.8202 | 1.4462 | 1.6969 | 1.4962 | 1.7168 | 1.5544 | 1.5932 | 3.0099 |
| 12 | 1.4347 | 1.1675 | 1.4748 | 1.2165 | 1.0085 | 1.2523 | 0.8297 | |
| | 1.4725 | 1.7953 | 1.4613 | 1.7170 | 1.8297 | 1.5649 | 2.4478 | |
| 13 | 1.1251 | 1.2478 | 1.2123 | 1.3619 | 1.2521 | 0.8128 | 0.5165 | |
| | 1.8398 | 1.6615 | 1.7288 | 1.5544 | 1.5652 | 2.2802 | 3.7542 | |
| 14 | 1.4210 | 1.4249 | 1.4022 | 1.3389 | 0.8296 | 0.5042 | | |
| | 1.4817 | 1.4736 | 1.5050 | 1.5933 | 2.4478 | 3.8392 | | |
| 15 | 0.7616 | 0.7895 | 0.7266 | 0.6755 | F-DEL-H | | | |
| | 2.6800 | 2.5872 | 2.8118 | 3.0103 | 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 | 0.9895 | 1.0631 | 1.1609 | 1.1503 | 1.3973 | 1.3618 | 1.4843 | 0.6960 |
| | 1.7447 | 1.9036 | 1.5999 | 1.6975 | 1.3843 | 1.4939 | 1.4103 | 2.7230 |
| 9 | 1.0631 | 1.3413 | 1.1645 | 1.3999 | 1.2765 | 1.5267 | 1.5149 | 0.7256 |
| | 1.9036 | 1.6017 | 1.7582 | 1.3833 | 1.5867 | 1.3430 | 1.3938 | 2.6341 |
| 10 | 1.1609 | 1.1564 | 1.3587 | 1.3462 | 1.4682 | 1.4748 | 1.5201 | 0.6831 |
| | 1.5999 | 1.7688 | 1.5148 | 1.5487 | 1.3543 | 1.4160 | 1.4061 | 2.8427 |
| 11 | 1.1503 | 1.3956 | 1.3410 | 1.4029 | 1.3452 | 1.4398 | 1.4503 | 0.6287 |
| | 1.6975 | 1.3863 | 1.5535 | 1.4203 | 1.5186 | 1.5202 | 1.5113 | 3.1347 |
| 12 | 1.3973 | 1.2750 | 1.4660 | 1.3438 | 1.1584 | 1.3015 | 0.8120 | |
| | 1.3843 | 1.5869 | 1.3556 | 1.5190 | 1.4947 | 1.5183 | 2.3858 | |
| 13 | 1.3618 | 1.5252 | 1.4725 | 1.4377 | 1.3001 | 0.8012 | 0.4280 | |
| | 1.4939 | 1.3437 | 1.4172 | 1.5216 | 1.5194 | 2.2455 | 4.2989 | |
| 14 | 1.4843 | 1.5133 | 1.5181 | 1.4480 | 0.8111 | 0.4157 | | |
| | 1.4103 | 1.3947 | 1.4072 | 1.5130 | 2.3874 | 4.3217 | | |
| 15 | 0.6960 | 0.7253 | 0.6821 | 0.6276 | F-DEL-H | | | |
| | 2.7230 | 2.6345 | 2.8453 | 3.1382 | M-DEL-H | | | |

AT 50% POWER, 75 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.9137 | 1.0174 | 1.2245 | 1.1392 | 1.4120 | 1.2956 | 1.4828 | 0.7123 |
| | 2.0892 | 2.0692 | 1.8459 | 1.8719 | 1.5704 | 1.6882 | 1.5122 | 2.9232 |
| 9 | 1.0174 | 1.2955 | 1.0927 | 1.3921 | 1.2066 | 1.4636 | 1.5178 | 0.7429 |
| | 2.0692 | 1.7118 | 1.9725 | 1.6271 | 1.7710 | 1.5048 | 1.4879 | 2.8219 |
| 10 | 1.2245 | 1.0860 | 1.2517 | 1.2954 | 1.4481 | 1.4126 | 1.5112 | 0.6927 |
| | 1.8459 | 1.9832 | 1.7255 | 1.6984 | 1.5568 | 1.5880 | 1.5149 | 3.0588 |
| 11 | 1.1392 | 1.3880 | 1.2905 | 1.3917 | 1.3037 | 1.4765 | 1.4729 | 0.6388 |
| | 1.8719 | 1.6309 | 1.7036 | 1.5933 | 1.6065 | 1.4968 | 1.5360 | 3.3665 |
| 12 | 1.4120 | 1.2052 | 1.4460 | 1.3023 | 1.1060 | 1.3322 | 0.8310 | |
| | 1.5704 | 1.7718 | 1.5584 | 1.6079 | 1.6522 | 1.5512 | 2.4562 | |
| 13 | 1.2956 | 1.4623 | 1.4104 | 1.4745 | 1.3304 | 0.8003 | 0.4332 | |
| | 1.6882 | 1.5057 | 1.5895 | 1.4983 | 1.5524 | 2.3025 | 4.3698 | |
| 14 | 1.4828 | 1.5162 | 1.5092 | 1.4706 | 0.8300 | 0.4208 | | |
| | 1.5122 | 1.4889 | 1.5162 | 1.5377 | 2.4582 | 4.4776 | | |
| 15 | 0.7123 | 0.7426 | 0.6918 | 0.6378 | F-DEL-H | | | |
| | 2.9232 | 2.8224 | 3.0613 | 3.3704 | 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 | 0.8912 | 1.0272 | 1.3095 | 1.1566 | 1.4526 | 1.2657 | 1.5031 | 0.7191 |
| | 2.1579 | 2.0920 | 1.7333 | 1.8998 | 1.5278 | 1.7227 | 1.4848 | 2.9596 |
| 9 | 1.0272 | 1.3093 | 1.0937 | 1.4085 | 1.1942 | 1.4285 | 1.5342 | 0.7507 |
| | 2.0920 | 1.7382 | 2.0279 | 1.6056 | 1.8391 | 1.5359 | 1.4654 | 2.8640 |
| 10 | 1.3095 | 1.0907 | 1.2214 | 1.2919 | 1.4335 | 1.3731 | 1.5191 | 0.6961 |
| | 1.7333 | 2.0328 | 1.7716 | 1.7383 | 1.5595 | 1.6213 | 1.4946 | 3.1138 |
| 11 | 1.1566 | 1.4049 | 1.2873 | 1.3917 | 1.2803 | 1.4822 | 1.4544 | 0.6379 |
| | 1.8998 | 1.6092 | 1.7436 | 1.6020 | 1.6587 | 1.4794 | 1.5452 | 3.3970 |
| 12 | 1.4526 | 1.1924 | 1.4317 | 1.2790 | 1.0591 | 1.3069 | 0.8212 | |
| | 1.5278 | 1.8416 | 1.5609 | 1.6600 | 1.6939 | 1.5457 | 2.5160 | |
| 13 | 1.2657 | 1.4274 | 1.3713 | 1.4804 | 1.3054 | 0.7707 | 0.4278 | |
| | 1.7227 | 1.5367 | 1.6227 | 1.4808 | 1.5470 | 2.3628 | 4.3681 | |
| 14 | 1.5031 | 1.5328 | 1.5174 | 1.4524 | 0.8203 | 0.4157 | | |
| | 1.4848 | 1.4664 | 1.4959 | 1.5468 | 2.5180 | 4.4747 | | |
| 15 | 0.7191 | 0.7505 | 0.6954 | 0.6370 | F-DEL-H | | | |
| | 2.9596 | 2.8645 | 3.1162 | 3.4007 | M-DEL-H | | | |

AT 50% POWER, 250 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8894 | 1.0699 | 1.4603 | 1.1931 | 1.5124 | 1.1830 | 1.4315 | 0.7070 |
| | 2.1739 | 2.0420 | 1.5274 | 1.8115 | 1.4396 | 1.7593 | 1.4362 | 2.8098 |
| 9 | 1.0699 | 1.3861 | 1.1418 | 1.4988 | 1.2079 | 1.3377 | 1.5090 | 0.7389 |
| | 2.0420 | 1.6257 | 1.8780 | 1.4747 | 1.7502 | 1.5778 | 1.4228 | 2.7110 |
| 10 | 1.4603 | 1.1394 | 1.1888 | 1.3070 | 1.5023 | 1.2979 | 1.4932 | 0.6913 |
| | 1.5274 | 1.8818 | 1.7445 | 1.6698 | 1.4816 | 1.6544 | 1.4507 | 2.9635 |
| 11 | 1.1931 | 1.4953 | 1.3035 | 1.4443 | 1.2637 | 1.4588 | 1.4083 | 0.6352 |
| | 1.8115 | 1.4779 | 1.6740 | 1.5120 | 1.6678 | 1.4711 | 1.5465 | 3.2653 |
| 12 | 1.5124 | 1.2066 | 1.5004 | 1.2628 | 1.0078 | 1.2518 | 0.8027 | |
| | 1.4396 | 1.7521 | 1.4833 | 1.6688 | 1.7222 | 1.5284 | 2.4739 | |
| 13 | 1.1830 | 1.3370 | 1.2968 | 1.4578 | 1.2509 | 0.7369 | 0.4320 | |
| | 1.7593 | 1.5783 | 1.6553 | 1.4720 | 1.5293 | 2.3216 | 4.2310 | |
| 14 | 1.4315 | 1.5083 | 1.4924 | 1.4073 | 0.8020 | 0.4204 | | |
| | 1.4362 | 1.4231 | 1.4514 | 1.5477 | 2.4756 | 4.3302 | | |
| 15 | 0.7070 | 0.7388 | 0.6909 | 0.6347 | F-DEL-H | | | |
| | 2.8098 | 2.7112 | 2.9650 | 3.2676 | 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 | 0.8835 | 1.0788 | 1.4945 | 1.2024 | 1.5219 | 1.1548 | 1.3631 | 0.7064 |
| | 1.9484 | 2.0078 | 1.4617 | 1.7618 | 1.4035 | 1.7603 | 1.4207 | 2.7433 |
| 9 | 1.0788 | 1.4093 | 1.1568 | 1.5446 | 1.2154 | 1.2918 | 1.4788 | 0.7382 |
| | 2.0078 | 1.5559 | 1.8364 | 1.4058 | 1.7278 | 1.5764 | 1.4092 | 2.6488 |
| 10 | 1.4945 | 1.1549 | 1.1797 | 1.3108 | 1.5390 | 1.2738 | 1.4688 | 0.6994 |
| | 1.4617 | 1.8395 | 1.7313 | 1.6255 | 1.4396 | 1.6309 | 1.4431 | 2.8965 |
| 11 | 1.2024 | 1.5421 | 1.3083 | 1.4774 | 1.2589 | 1.4286 | 1.3880 | 0.6478 |
| | 1.7618 | 1.4082 | 1.6285 | 1.4760 | 1.6319 | 1.4655 | 1.5040 | 3.0513 |
| 12 | 1.5219 | 1.2147 | 1.5377 | 1.2583 | 0.9873 | 1.2311 | 0.8043 | |
| | 1.4035 | 1.7292 | 1.4401 | 1.6326 | 1.7412 | 1.5086 | 2.4563 | |
| 13 | 1.1548 | 1.2914 | 1.2733 | 1.4283 | 1.2304 | 0.7339 | 0.4505 | |
| | 1.7603 | 1.5768 | 1.6312 | 1.4660 | 1.5092 | 2.2942 | 4.0580 | |
| 14 | 1.3631 | 1.4785 | 1.4686 | 1.3876 | 0.8039 | 0.4389 | | |
| | 1.4207 | 1.4094 | 1.4434 | 1.5045 | 2.4574 | 4.1498 | | |
| 15 | 0.7064 | 0.7382 | 0.6992 | 0.6476 | F-DEL-H | | | |
| | 2.7433 | 2.6489 | 2.8973 | 3.0526 | M-DEL-H | | | |

AT 50% POWER, 500 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.8517 | 1.0631 | 1.4692 | 1.1966 | 1.4982 | 1.1411 | 1.3169 | 0.7240 |
| | 1.7921 | 1.9965 | 1.4657 | 1.7693 | 1.4237 | 1.7820 | 1.4266 | 2.6191 |
| 9 | 1.0631 | 1.3828 | 1.1453 | 1.5374 | 1.2072 | 1.2617 | 1.4576 | 0.7644 |
| | 1.9965 | 1.5499 | 1.8365 | 1.3946 | 1.7400 | 1.6024 | 1.4177 | 2.5329 |
| 10 | 1.4692 | 1.1440 | 1.1370 | 1.2852 | 1.5301 | 1.2578 | 1.4588 | 0.7384 |
| | 1.4657 | 1.8388 | 1.7482 | 1.6413 | 1.4019 | 1.6461 | 1.4521 | 2.7622 |
| 11 | 1.1966 | 1.5371 | 1.2838 | 1.4550 | 1.2344 | 1.3933 | 1.3883 | 0.6964 |
| | 1.7693 | 1.3961 | 1.6434 | 1.4456 | 1.6600 | 1.4602 | 1.4702 | 2.8608 |
| 12 | 1.4982 | 1.2072 | 1.5296 | 1.2343 | 0.9473 | 1.2201 | 0.8342 | |
| | 1.4237 | 1.7407 | 1.4021 | 1.6603 | 1.6687 | 1.5143 | 2.3739 | |
| 13 | 1.1411 | 1.2616 | 1.2578 | 1.3935 | 1.2197 | 0.7460 | 0.4977 | |
| | 1.7820 | 1.6026 | 1.6459 | 1.4603 | 1.5146 | 2.2343 | 3.7467 | |
| 14 | 1.3169 | 1.4578 | 1.4590 | 1.3883 | 0.8341 | 0.4858 | | |
| | 1.4266 | 1.4177 | 1.4521 | 1.4703 | 2.3741 | 3.8259 | | |
| 15 | 0.7240 | 0.7644 | 0.7384 | 0.6963 | F-DEL-H | | | |
| | 2.6191 | 2.5328 | 2.7625 | 2.8612 | M-DEL-H | | | |

```
* JOB/DATE  QCSD/02Apr2019  CREATED BY  SMARG11   COMPILED 20Feb2018    COLR FILE
/nfe/mcd/mle/c2c24/ma/pflr/pflrpe_ghost.clr
                          TABLE A-4

    F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN) - POWER ESCALATION


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

       H        G        F        E        D        C        B        A
   ************************************************************************
  8 * 0.4954 * 0.5655 * 0.6671 * 0.5908 * 0.6738 * 0.5717 * 0.5852 * 0.3301 *
    * 3.4729 * 3.4491 * 2.9286 * 3.2121 * 2.7980 * 3.2766 * 3.1698 * 5.0623 *
    ************************************************************************
  9 * 0.5655 * 0.6378 * 0.5799 * 0.6701 * 0.6060 * 0.5756 * 0.5881 * 0.3390 *
    * 3.4491 * 3.0702 * 3.3468 * 2.8651 * 3.1595 * 3.2643 * 3.1695 * 4.9722 *
    ************************************************************************
 10 * 0.6671 * 0.5792 * 0.5801 * 0.6233 * 0.6712 * 0.5845 * 0.5733 * 0.3149 *
    * 2.9286 * 3.3518 * 3.3748 * 3.1211 * 2.9098 * 3.3150 * 3.3241 * 5.3928 *
    ************************************************************************
 11 * 0.5908 * 0.6689 * 0.6221 * 0.6637 * 0.5995 * 0.6227 * 0.5391 * 0.2830 *
    * 3.2121 * 2.8687 * 3.1276 * 2.9256 * 3.2400 * 3.0804 * 3.6061 * 6.1833 *
    ************************************************************************
 12 * 0.6738 * 0.6052 * 0.6705 * 0.5990 * 0.5039 * 0.5319 * 0.3955 *
    * 2.7980 * 3.1609 * 2.9129 * 3.2424 * 3.5772 * 3.3937 * 4.3513 *
    ************************************************************
 13 * 0.5717 * 0.5754 * 0.5841 * 0.6224 * 0.5316 * 0.3922 * 0.2200 *
    * 3.2766 * 3.2656 * 3.3172 * 3.0821 * 3.3957 * 4.4808 * 7.7158 *
    ************************************************************
 14 * 0.5852 * 0.5880 * 0.5731 * 0.5388 * 0.3950 * 0.2141 *
    * 3.1698 * 3.1702 * 3.3256 * 3.6085 * 4.3562 * 7.8621 *
    ********************************************
 15 * 0.3301 * 0.3389 * 0.3147 * 0.2828 * F-SUB-Q
    * 5.0623 * 4.9729 * 5.3954 * 6.1881 * 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 * 1.0769 * 1.1576 * 1.4345 * 1.1891 * 1.4614 * 1.2015 * 1.3857 * 0.7151 *
    * 1.7452 * 1.7149 * 1.3842 * 1.6286 * 1.3166 * 1.5901 * 1.3657 * 2.3874 *
    ************************************************************************
  9 * 1.1576 * 1.4226 * 1.1696 * 1.4288 * 1.2177 * 1.2852 * 1.3961 * 0.7357 *
    * 1.7149 * 1.3984 * 1.6976 * 1.3736 * 1.5968 * 1.4856 * 1.3618 * 2.3427 *
    ************************************************************************
 10 * 1.4345 * 1.1681 * 1.2703 * 1.2975 * 1.4282 * 1.2809 * 1.3707 * 0.6806 *
    * 1.3842 * 1.7002 * 1.5726 * 1.5304 * 1.3922 * 1.5405 * 1.4174 * 2.5471 *
    ************************************************************************
 11 * 1.1891 * 1.4253 * 1.2952 * 1.4217 * 1.2863 * 1.4100 * 1.2964 * 0.6276 *
    * 1.6286 * 1.3758 * 1.5336 * 1.3826 * 1.5189 * 1.3819 * 1.5106 * 2.8448 *
    ************************************************************************
 12 * 1.4614 * 1.2167 * 1.4270 * 1.2857 * 1.1475 * 1.3086 * 0.8561 *
    * 1.3166 * 1.5973 * 1.3933 * 1.5196 * 1.6079 * 1.4394 * 2.0458 *
    ************************************************************
 13 * 1.2015 * 1.2849 * 1.2804 * 1.4093 * 1.3078 * 0.8495 * 0.4836 *
    * 1.5901 * 1.4860 * 1.5412 * 1.3825 * 1.4402 * 2.1711 * 3.5867 *
    ************************************************************
 14 * 1.3857 * 1.3959 * 1.3702 * 1.2957 * 0.8550 * 0.4699 *
    * 1.3657 * 1.3620 * 1.4179 * 1.5116 * 2.0481 * 3.6602 *
    ********************************************
 15 * 0.7151 * 0.7356 * 0.6803 * 0.6272 * F-SUB-Q
    * 2.3874 * 2.3429 * 2.5483 * 2.8467 * 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 | 1.2947 | 1.2911 | 1.3142 | 1.2999 | 1.3993 | 1.3763 | 1.4190 | 0.7846 |
| | 1.5333 | 1.5481 | 1.5405 | 1.5114 | 1.3889 | 1.4057 | 1.3554 | 2.2046 |
| 9 | 1.2911 | 1.4827 | 1.3233 | 1.4672 | 1.3562 | 1.4788 | 1.4380 | 0.8092 |
| | 1.5481 | 1.3655 | 1.5292 | 1.3627 | 1.4438 | 1.3139 | 1.3447 | 2.1557 |
| 10 | 1.3142 | 1.3217 | 1.4661 | 1.4327 | 1.4735 | 1.4669 | 1.4497 | 0.7652 |
| | 1.5405 | 1.5352 | 1.3820 | 1.4060 | 1.3495 | 1.3593 | 1.3570 | 2.3010 |
| 11 | 1.2999 | 1.4649 | 1.4300 | 1.4779 | 1.4437 | 1.4267 | 1.4273 | 0.7155 |
| | 1.5114 | 1.3649 | 1.4091 | 1.3644 | 1.3708 | 1.3902 | 1.3903 | 2.5298 |
| 12 | 1.3993 | 1.3556 | 1.4727 | 1.4429 | 1.4141 | 1.4066 | 0.9436 | |
| | 1.3889 | 1.4441 | 1.3503 | 1.3710 | 1.3740 | 1.3800 | 1.8871 | |
| 13 | 1.3763 | 1.4784 | 1.4665 | 1.4260 | 1.4059 | 0.9842 | 0.5518 | |
| | 1.4057 | 1.3143 | 1.3598 | 1.3909 | 1.3806 | 1.9426 | 3.2079 | |
| 14 | 1.4190 | 1.4376 | 1.4493 | 1.4265 | 0.9427 | 0.5401 | | |
| | 1.3554 | 1.3451 | 1.3575 | 1.3912 | 1.8887 | 3.2490 | | |
| 15 | 0.7846 | 0.8091 | 0.7648 | 0.7150 | F-SUB-Q | | | |
| | 2.2046 | 2.1559 | 2.3021 | 2.5314 | 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 | 1.3819 | 1.3628 | 1.3713 | 1.3365 | 1.4987 | 1.4607 | 1.5268 | 0.7950 |
| | 1.4667 | 1.4950 | 1.4968 | 1.4899 | 1.3132 | 1.3407 | 1.2753 | 2.2040 |
| 9 | 1.3628 | 1.5782 | 1.3908 | 1.5567 | 1.4295 | 1.5857 | 1.5520 | 0.8221 |
| | 1.4950 | 1.3026 | 1.4793 | 1.3080 | 1.3900 | 1.2378 | 1.2630 | 2.1494 |
| 10 | 1.3713 | 1.3884 | 1.5616 | 1.5040 | 1.5811 | 1.5713 | 1.5688 | 0.7833 |
| | 1.4968 | 1.4846 | 1.3149 | 1.3579 | 1.2738 | 1.2848 | 1.2695 | 2.2839 |
| 11 | 1.3365 | 1.5478 | 1.5007 | 1.5791 | 1.5329 | 1.5396 | 1.5378 | 0.7356 |
| | 1.4899 | 1.3110 | 1.3615 | 1.2883 | 1.3053 | 1.3093 | 1.3104 | 2.4922 |
| 12 | 1.4987 | 1.4289 | 1.5802 | 1.5325 | 1.5261 | 1.5213 | 0.9630 | |
| | 1.3132 | 1.3904 | 1.2746 | 1.3056 | 1.2998 | 1.3025 | 1.8829 | |
| 13 | 1.4607 | 1.5852 | 1.5708 | 1.5387 | 1.5206 | 1.0374 | 0.5653 | |
| | 1.3407 | 1.2381 | 1.2853 | 1.3100 | 1.3032 | 1.8866 | 3.1966 | |
| 14 | 1.5268 | 1.5516 | 1.5683 | 1.5368 | 0.9624 | 0.5531 | | |
| | 1.2753 | 1.2633 | 1.2700 | 1.3113 | 1.8838 | 3.2396 | | |
| 15 | 0.7950 | 0.8220 | 0.7828 | 0.7351 | F-SUB-Q | | | |
| | 2.2040 | 2.1496 | 2.2855 | 2.4940 | 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 | 1.3958 | 1.3735 | 1.3891 | 1.3394 | 1.5305 | 1.4832 | 1.5705 | 0.7997 |
| | 1.4811 | 1.5119 | 1.5047 | 1.5092 | 1.3046 | 1.3396 | 1.2575 | 2.2245 |
| 9 | 1.3735 | 1.6049 | 1.3996 | 1.5826 | 1.4445 | 1.6195 | 1.5994 | 0.8305 |
| | 1.5119 | 1.3034 | 1.4929 | 1.3038 | 1.3972 | 1.2252 | 1.2434 | 2.1599 |
| 10 | 1.3891 | 1.3969 | 1.5798 | 1.5248 | 1.6189 | 1.6038 | 1.6182 | 0.7920 |
| | 1.5047 | 1.4994 | 1.3184 | 1.3598 | 1.2618 | 1.2760 | 1.2474 | 2.2917 |
| 11 | 1.3394 | 1.5742 | 1.5211 | 1.6107 | 1.5648 | 1.5868 | 1.5899 | 0.7458 |
| | 1.5092 | 1.3064 | 1.3635 | 1.2771 | 1.3032 | 1.2937 | 1.2898 | 2.4919 |
| 12 | 1.5305 | 1.4438 | 1.6178 | 1.5644 | 1.5595 | 1.5704 | 0.9802 | |
| | 1.3046 | 1.3976 | 1.2627 | 1.3035 | 1.2976 | 1.2872 | 1.8870 | |
| 13 | 1.4832 | 1.6191 | 1.6032 | 1.5858 | 1.5696 | 1.0618 | 0.5705 | |
| | 1.3396 | 1.2256 | 1.2765 | 1.2944 | 1.2879 | 1.8838 | 3.2382 | |
| 14 | 1.5705 | 1.5989 | 1.6177 | 1.5888 | 0.9797 | 0.5582 | | |
| | 1.2575 | 1.2438 | 1.2479 | 1.2907 | 1.8877 | 3.2815 | | |
| 15 | 0.7997 | 0.8305 | 0.7914 | 0.7452 | F-SUB-Q | | | |
| | 2.2245 | 2.1602 | 2.2934 | 2.4938 | 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 | 1.3904 | 1.3672 | 1.3873 | 1.3335 | 1.5377 | 1.4881 | 1.5873 | 0.8019 |
| | 1.5114 | 1.5434 | 1.5284 | 1.5413 | 1.3197 | 1.3576 | 1.2648 | 2.2571 |
| 9 | 1.3672 | 1.6053 | 1.3937 | 1.5843 | 1.4446 | 1.6339 | 1.6192 | 0.8342 |
| | 1.5434 | 1.3211 | 1.5189 | 1.3188 | 1.4216 | 1.2341 | 1.2489 | 2.1875 |
| 10 | 1.3873 | 1.3908 | 1.5781 | 1.5287 | 1.6299 | 1.6145 | 1.6388 | 0.7967 |
| | 1.5284 | 1.5222 | 1.3363 | 1.3760 | 1.2723 | 1.2836 | 1.2499 | 2.3141 |
| 11 | 1.3335 | 1.5800 | 1.5247 | 1.6164 | 1.5752 | 1.6064 | 1.6140 | 0.7512 |
| | 1.5413 | 1.3216 | 1.3796 | 1.2889 | 1.3188 | 1.2994 | 1.2891 | 2.5086 |
| 12 | 1.5377 | 1.4437 | 1.6287 | 1.5748 | 1.5702 | 1.5906 | 0.9923 | |
| | 1.3197 | 1.4221 | 1.2733 | 1.3191 | 1.3145 | 1.2970 | 1.8993 | |
| 13 | 1.4881 | 1.6334 | 1.6137 | 1.6053 | 1.5897 | 1.0728 | 0.5736 | |
| | 1.3576 | 1.2345 | 1.2842 | 1.3003 | 1.2978 | 1.9086 | 3.2953 | |
| 14 | 1.5873 | 1.6185 | 1.6381 | 1.6127 | 0.9918 | 0.5609 | | |
| | 1.2648 | 1.2493 | 1.2505 | 1.2902 | 1.9002 | 3.3414 | | |
| 15 | 0.8019 | 0.8341 | 0.7961 | 0.7505 | F-SUB-Q | | | |
| | 2.2571 | 2.1878 | 2.3159 | 2.5107 | 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 | 1.3931 | 1.3686 | 1.3960 | 1.3367 | 1.5576 | 1.5020 | 1.6153 | 0.8000 |
| | 1.5320 | 1.5637 | 1.5341 | 1.5667 | 1.3279 | 1.3703 | 1.2671 | 2.3086 |
| 9 | 1.3686 | 1.6182 | 1.3968 | 1.6008 | 1.4532 | 1.6576 | 1.6494 | 0.8332 |
| | 1.5637 | 1.3221 | 1.5320 | 1.3258 | 1.4409 | 1.2396 | 1.2497 | 2.2343 |
| 10 | 1.3960 | 1.3937 | 1.5874 | 1.5416 | 1.6539 | 1.6346 | 1.6702 | 0.7964 |
| | 1.5341 | 1.5355 | 1.3435 | 1.3803 | 1.2753 | 1.2860 | 1.2468 | 2.3552 |
| 11 | 1.3367 | 1.5972 | 1.5373 | 1.6382 | 1.5939 | 1.6363 | 1.6458 | 0.7505 |
| | 1.5667 | 1.3288 | 1.3842 | 1.2908 | 1.3254 | 1.2896 | 1.2759 | 2.5411 |
| 12 | 1.5576 | 1.4523 | 1.6526 | 1.5935 | 1.5896 | 1.6190 | 0.9933 | |
| | 1.3279 | 1.4414 | 1.2764 | 1.3258 | 1.3228 | 1.2983 | 1.9271 | |
| 13 | 1.5020 | 1.6570 | 1.6335 | 1.6350 | 1.6181 | 1.0785 | 0.5713 | |
| | 1.3703 | 1.2401 | 1.2867 | 1.2906 | 1.2991 | 1.9348 | 3.3729 | |
| 14 | 1.6153 | 1.6485 | 1.6693 | 1.6444 | 0.9928 | 0.5578 | | |
| | 1.2671 | 1.2503 | 1.2475 | 1.2771 | 1.9279 | 3.4253 | | |
| 15 | 0.8000 | 0.8330 | 0.7957 | 0.7497 | F-SUB-Q | | | |
| | 2.3086 | 2.2347 | 2.3573 | 2.5434 | 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 | 1.3894 | 1.3638 | 1.3948 | 1.3342 | 1.5657 | 1.5085 | 1.6302 | 0.7984 |
| | 1.5597 | 1.5941 | 1.5619 | 1.6030 | 1.3504 | 1.3930 | 1.2839 | 2.3670 |
| 9 | 1.3638 | 1.6193 | 1.3938 | 1.6066 | 1.4551 | 1.6712 | 1.6662 | 0.8320 |
| | 1.5941 | 1.3447 | 1.5625 | 1.3414 | 1.4690 | 1.2567 | 1.2635 | 2.2888 |
| 10 | 1.3948 | 1.3906 | 1.5886 | 1.5463 | 1.6676 | 1.6451 | 1.6877 | 0.7962 |
| | 1.5619 | 1.5662 | 1.3646 | 1.3978 | 1.2883 | 1.2974 | 1.2569 | 2.4019 |
| 11 | 1.3342 | 1.6028 | 1.5417 | 1.6502 | 1.6029 | 1.6524 | 1.6639 | 0.7502 |
| | 1.6030 | 1.3445 | 1.4019 | 1.2993 | 1.3368 | 1.2981 | 1.2833 | 2.5747 |
| 12 | 1.5657 | 1.4541 | 1.6662 | 1.6024 | 1.5993 | 1.6339 | 0.9953 | |
| | 1.3504 | 1.4701 | 1.2895 | 1.3372 | 1.3333 | 1.3040 | 1.9508 | |
| 13 | 1.5085 | 1.6705 | 1.6438 | 1.6510 | 1.6329 | 1.0813 | 0.5699 | |
| | 1.3930 | 1.2573 | 1.2983 | 1.2992 | 1.3049 | 1.9608 | 3.4259 | |
| 14 | 1.6302 | 1.6652 | 1.6867 | 1.6623 | 0.9948 | 0.5558 | | |
| | 1.2839 | 1.2642 | 1.2577 | 1.2845 | 1.9516 | 3.4831 | | |
| 15 | 0.7984 | 0.8318 | 0.7954 | 0.7493 | F-SUB-Q | | | |
| | 2.3670 | 2.2893 | 2.4041 | 2.5772 | 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 | 1.3897 | 1.3627 | 1.3987 | 1.3352 | 1.5797 | 1.5182 | 1.6494 | 0.7963 |
| | 1.6047 | 1.6384 | 1.5885 | 1.6412 | 1.3736 | 1.4191 | 1.3027 | 2.4370 |
| 9 | 1.3627 | 1.6264 | 1.3947 | 1.6176 | 1.4605 | 1.6884 | 1.6868 | 0.8289 |
| | 1.6384 | 1.3657 | 1.5903 | 1.3599 | 1.4978 | 1.2762 | 1.2793 | 2.3582 |
| 10 | 1.3987 | 1.3913 | 1.5943 | 1.5545 | 1.6854 | 1.6590 | 1.7091 | 0.7951 |
| | 1.5885 | 1.5942 | 1.3859 | 1.4174 | 1.3035 | 1.3123 | 1.2686 | 2.4600 |
| 11 | 1.3352 | 1.6136 | 1.5497 | 1.6666 | 1.6150 | 1.6724 | 1.6846 | 0.7476 |
| | 1.6412 | 1.3632 | 1.4218 | 1.3195 | 1.3613 | 1.3125 | 1.2942 | 2.6319 |
| 12 | 1.5797 | 1.4594 | 1.6838 | 1.6146 | 1.6118 | 1.6522 | 0.9946 | |
| | 1.3736 | 1.4989 | 1.3048 | 1.3617 | 1.3592 | 1.3227 | 2.0007 | |
| 13 | 1.5182 | 1.6875 | 1.6575 | 1.6709 | 1.6511 | 1.0823 | 0.5676 | |
| | 1.4191 | 1.2769 | 1.3134 | 1.3137 | 1.3236 | 2.0088 | 3.5211 | |
| 14 | 1.6494 | 1.6856 | 1.7078 | 1.6829 | 0.9940 | 0.5529 | | |
| | 1.3027 | 1.2801 | 1.2696 | 1.2955 | 2.0015 | 3.5843 | | |
| 15 | 0.7963 | 0.8287 | 0.7943 | 0.7467 | F-SUB-Q | | | |
| | 2.4370 | 2.3588 | 2.4624 | 2.6347 | 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 | 1.3700 | 1.3428 | 1.3742 | 1.3179 | 1.5596 | 1.5076 | 1.6334 | 0.7975 |
| | 1.6722 | 1.7038 | 1.6559 | 1.7108 | 1.4338 | 1.4735 | 1.3560 | 2.5095 |
| 9 | 1.3428 | 1.6001 | 1.3760 | 1.5963 | 1.4459 | 1.6776 | 1.6725 | 0.8324 |
| | 1.7038 | 1.4217 | 1.6534 | 1.4153 | 1.5553 | 1.3233 | 1.3283 | 2.4203 |
| 10 | 1.3742 | 1.3726 | 1.5756 | 1.5391 | 1.6690 | 1.6467 | 1.6944 | 0.7974 |
| | 1.6559 | 1.6575 | 1.4390 | 1.4694 | 1.3478 | 1.3572 | 1.3141 | 2.5198 |
| 11 | 1.3179 | 1.5922 | 1.5341 | 1.6494 | 1.6019 | 1.6566 | 1.6714 | 0.7517 |
| | 1.7108 | 1.4189 | 1.4741 | 1.3706 | 1.4109 | 1.3550 | 1.3350 | 2.6842 |
| 12 | 1.5596 | 1.4447 | 1.6672 | 1.6015 | 1.5992 | 1.6369 | 1.0035 | |
| | 1.4338 | 1.5565 | 1.3491 | 1.4113 | 1.4128 | 1.3753 | 2.0324 | |
| 13 | 1.5076 | 1.6766 | 1.6450 | 1.6549 | 1.6358 | 1.0838 | 0.5707 | |
| | 1.4735 | 1.3241 | 1.3585 | 1.3563 | 1.3763 | 2.0729 | 3.6057 | |
| 14 | 1.6334 | 1.6711 | 1.6929 | 1.6695 | 1.0027 | 0.5560 | | |
| | 1.3560 | 1.3292 | 1.3151 | 1.3365 | 2.0336 | 3.6693 | | |
| 15 | 0.7975 | 0.8322 | 0.7965 | 0.7507 | F-SUB-Q | | | |
| | 2.5095 | 2.4209 | 2.5224 | 2.6873 | 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 | 1.3794 | 1.3505 | 1.3906 | 1.3269 | 1.5879 | 1.5291 | 1.6672 | 0.7925 |
| | 1.7101 | 1.7453 | 1.6883 | 1.7563 | 1.4579 | 1.5050 | 1.3757 | 2.6137 |
| 9 | 1.3505 | 1.6220 | 1.3859 | 1.6208 | 1.4596 | 1.7066 | 1.7074 | 0.8264 |
| | 1.7453 | 1.4473 | 1.6952 | 1.4390 | 1.5920 | 1.3464 | 1.3455 | 2.5230 |
| 10 | 1.3906 | 1.3823 | 1.5925 | 1.5575 | 1.7004 | 1.6728 | 1.7305 | 0.7931 |
| | 1.6883 | 1.6997 | 1.4706 | 1.5002 | 1.3643 | 1.3783 | 1.3283 | 2.6144 |
| 11 | 1.3269 | 1.6164 | 1.5522 | 1.6794 | 1.6241 | 1.6909 | 1.7051 | 0.7461 |
| | 1.7563 | 1.4428 | 1.5052 | 1.3848 | 1.4322 | 1.3690 | 1.3497 | 2.7884 |
| 12 | 1.5879 | 1.4583 | 1.6986 | 1.6237 | 1.6221 | 1.6682 | 0.9957 | |
| | 1.4579 | 1.5933 | 1.3657 | 1.4326 | 1.4319 | 1.3872 | 2.1069 | |
| 13 | 1.5291 | 1.7055 | 1.6709 | 1.6891 | 1.6669 | 1.0836 | 0.5646 | |
| | 1.5050 | 1.3473 | 1.3798 | 1.3704 | 1.3882 | 2.1272 | 3.7346 | |
| 14 | 1.6672 | 1.7059 | 1.7289 | 1.7031 | 0.9950 | 0.5490 | | |
| | 1.3757 | 1.3466 | 1.3295 | 1.3512 | 2.1080 | 3.8079 | | |
| 15 | 0.7925 | 0.8261 | 0.7922 | 0.7451 | F-SUB-Q | | | |
| | 2.6137 | 2.5237 | 2.6173 | 2.7918 | 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 | 1.3749 | 1.3451 | 1.3872 | 1.3232 | 1.5923 | 1.5346 | 1.6762 | 0.7907 |
| | 1.7788 | 1.8169 | 1.7526 | 1.8282 | 1.5113 | 1.5595 | 1.4224 | 2.7216 |
| 9 | 1.3451 | 1.6203 | 1.3820 | 1.6224 | 1.4592 | 1.7157 | 1.7177 | 0.8253 |
| | 1.8169 | 1.5013 | 1.7616 | 1.4899 | 1.6533 | 1.3920 | 1.3884 | 2.6241 |
| 10 | 1.3872 | 1.3783 | 1.5915 | 1.5590 | 1.7076 | 1.6805 | 1.7411 | 0.7922 |
| | 1.7526 | 1.7664 | 1.5251 | 1.5530 | 1.4090 | 1.4233 | 1.3697 | 2.7138 |
| 11 | 1.3232 | 1.6179 | 1.5536 | 1.6853 | 1.6283 | 1.7003 | 1.7154 | 0.7452 |
| | 1.8282 | 1.4939 | 1.5583 | 1.4299 | 1.4808 | 1.4118 | 1.3907 | 2.8881 |
| 12 | 1.5923 | 1.4578 | 1.7056 | 1.6278 | 1.6268 | 1.6760 | 0.9961 | |
| | 1.5113 | 1.6547 | 1.4106 | 1.4811 | 1.4792 | 1.4301 | 2.1816 | |
| 13 | 1.5346 | 1.7143 | 1.6784 | 1.6982 | 1.6747 | 1.0840 | 0.5631 | |
| | 1.5595 | 1.3930 | 1.4250 | 1.4134 | 1.4312 | 2.1994 | 3.8698 | |
| 14 | 1.6762 | 1.7159 | 1.7393 | 1.7132 | 0.9954 | 0.5471 | | |
| | 1.4224 | 1.3897 | 1.3710 | 1.3924 | 2.1827 | 3.9491 | | |
| 15 | 0.7907 | 0.8250 | 0.7911 | 0.7441 | F-SUB-Q | | | |
| | 2.7216 | 2.6249 | 2.7170 | 2.8918 | 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 | 1.3578 | 1.3278 | 1.3664 | 1.3079 | 1.5752 | 1.5259 | 1.6631 | 0.7906 |
| | 1.7646 | 1.7981 | 1.7377 | 1.8109 | 1.5075 | 1.5572 | 1.4285 | 2.7146 |
| 9 | 1.3278 | 1.5979 | 1.3658 | 1.6041 | 1.4462 | 1.7073 | 1.7059 | 0.8270 |
| | 1.7981 | 1.4906 | 1.7424 | 1.4852 | 1.6462 | 1.3959 | 1.3983 | 2.6126 |
| 10 | 1.3664 | 1.3620 | 1.5751 | 1.5457 | 1.6936 | 1.6714 | 1.7291 | 0.7932 |
| | 1.7377 | 1.7471 | 1.5172 | 1.5447 | 1.4167 | 1.4311 | 1.3810 | 2.7127 |
| 11 | 1.3079 | 1.5995 | 1.5400 | 1.6706 | 1.6169 | 1.6874 | 1.7045 | 0.7468 |
| | 1.8109 | 1.4893 | 1.5502 | 1.4443 | 1.4937 | 1.4233 | 1.4062 | 2.8918 |
| 12 | 1.5752 | 1.4448 | 1.6915 | 1.6165 | 1.6160 | 1.6630 | 1.0023 | |
| | 1.5075 | 1.6477 | 1.4184 | 1.4941 | 1.4999 | 1.4523 | 2.1770 | |
| 13 | 1.5259 | 1.7058 | 1.6691 | 1.6852 | 1.6616 | 1.0843 | 0.5648 | |
| | 1.5572 | 1.3970 | 1.4331 | 1.4250 | 1.4535 | 2.2219 | 3.9039 | |
| 14 | 1.6631 | 1.7040 | 1.7271 | 1.7021 | 1.0014 | 0.5488 | | |
| | 1.4285 | 1.3998 | 1.3825 | 1.4081 | 2.1787 | 3.9831 | | |
| 15 | 0.7906 | 0.8267 | 0.7921 | 0.7456 | F-SUB-Q | | | |
| | 2.7146 | 2.6136 | 2.7163 | 2.8961 | 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 | 1.3651 | 1.3334 | 1.3801 | 1.3143 | 1.6000 | 1.5449 | 1.6940 | 0.7844 |
| | 1.7118 | 1.7464 | 1.6769 | 1.7583 | 1.4489 | 1.5015 | 1.3690 | 2.6678 |
| 9 | 1.3334 | 1.6165 | 1.3733 | 1.6250 | 1.4567 | 1.7336 | 1.7381 | 0.8193 |
| | 1.7464 | 1.4374 | 1.6906 | 1.4305 | 1.5949 | 1.3416 | 1.3390 | 2.5713 |
| 10 | 1.3801 | 1.3694 | 1.5887 | 1.5610 | 1.7218 | 1.6954 | 1.7624 | 0.7878 |
| | 1.6769 | 1.6953 | 1.4674 | 1.4920 | 1.3585 | 1.3761 | 1.3216 | 2.6629 |
| 11 | 1.3143 | 1.6201 | 1.5550 | 1.6973 | 1.6358 | 1.7190 | 1.7353 | 0.7399 |
| | 1.7583 | 1.4346 | 1.4976 | 1.3852 | 1.4385 | 1.3615 | 1.3460 | 2.8442 |
| 12 | 1.6000 | 1.4552 | 1.7195 | 1.6354 | 1.6361 | 1.6910 | 0.9931 | |
| | 1.4489 | 1.5965 | 1.3602 | 1.4389 | 1.4433 | 1.3909 | 2.1397 | |
| 13 | 1.5449 | 1.7320 | 1.6928 | 1.7167 | 1.6895 | 1.0821 | 0.5580 | |
| | 1.5015 | 1.3428 | 1.3782 | 1.3633 | 1.3921 | 2.1669 | 3.8424 | |
| 14 | 1.6940 | 1.7360 | 1.7602 | 1.7327 | 0.9923 | 0.5411 | | |
| | 1.3690 | 1.3405 | 1.3232 | 1.3479 | 2.1412 | 3.9278 | | |
| 15 | 0.7844 | 0.8189 | 0.7867 | 0.7387 | F-SUB-Q | | | |
| | 2.6678 | 2.5723 | 2.6667 | 2.8487 | 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 | 1.3628 | 1.3303 | 1.3799 | 1.3121 | 1.6074 | 1.5526 | 1.7068 | 0.7808 |
| | 1.6557 | 1.6886 | 1.6181 | 1.6996 | 1.3941 | 1.4452 | 1.3144 | 2.5869 |
| 9 | 1.3303 | 1.6185 | 1.3716 | 1.6296 | 1.4574 | 1.7456 | 1.7521 | 0.8157 |
| | 1.6886 | 1.3849 | 1.6329 | 1.3779 | 1.5409 | 1.2901 | 1.2857 | 2.4928 |
| 10 | 1.3799 | 1.3675 | 1.5899 | 1.5645 | 1.7321 | 1.7057 | 1.7770 | 0.7852 |
| | 1.6181 | 1.6376 | 1.4169 | 1.4388 | 1.3069 | 1.3246 | 1.2688 | 2.5774 |
| 11 | 1.3122 | 1.6246 | 1.5583 | 1.7063 | 1.6420 | 1.7323 | 1.7491 | 0.7359 |
| | 1.6996 | 1.3820 | 1.4443 | 1.3344 | 1.3885 | 1.3080 | 1.2921 | 2.7575 |
| 12 | 1.6074 | 1.4558 | 1.7297 | 1.6415 | 1.6430 | 1.7019 | 0.9904 | |
| | 1.3941 | 1.5425 | 1.3086 | 1.3889 | 1.3938 | 1.3384 | 2.0711 | |
| 13 | 1.5526 | 1.7438 | 1.7027 | 1.7298 | 1.7003 | 1.0802 | 0.5546 | |
| | 1.4452 | 1.2913 | 1.3267 | 1.3098 | 1.3396 | 2.0976 | 3.7232 | |
| 14 | 1.7068 | 1.7498 | 1.7746 | 1.7463 | 0.9896 | 0.5373 | | |
| | 1.3144 | 1.2872 | 1.2704 | 1.2941 | 2.0725 | 3.8103 | | |
| 15 | 0.7808 | 0.8153 | 0.7840 | 0.7346 | F-SUB-Q | | | |
| | 2.5869 | 2.4939 | 2.5812 | 2.7621 | 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 | 1.3568 | 1.3236 | 1.3742 | 1.3065 | 1.6066 | 1.5540 | 1.7099 | 0.7798 |
| | 1.6100 | 1.6429 | 1.5737 | 1.6536 | 1.3509 | 1.3982 | 1.2705 | 2.5097 |
| 9 | 1.3236 | 1.6135 | 1.3659 | 1.6272 | 1.4541 | 1.7499 | 1.7563 | 0.8158 |
| | 1.6429 | 1.3451 | 1.5877 | 1.3363 | 1.4955 | 1.2458 | 1.2414 | 2.4148 |
| 10 | 1.3742 | 1.3617 | 1.5861 | 1.5627 | 1.7338 | 1.7085 | 1.7816 | 0.7849 |
| | 1.5737 | 1.5924 | 1.3749 | 1.3944 | 1.2632 | 1.2797 | 1.2249 | 2.4967 |
| 11 | 1.3065 | 1.6221 | 1.5564 | 1.7073 | 1.6421 | 1.7356 | 1.7531 | 0.7370 |
| | 1.6536 | 1.3404 | 1.3999 | 1.2900 | 1.3428 | 1.2627 | 1.2467 | 2.6652 |
| 12 | 1.6066 | 1.4525 | 1.7313 | 1.6417 | 1.6435 | 1.7040 | 0.9921 | |
| | 1.3509 | 1.4971 | 1.2650 | 1.3432 | 1.3475 | 1.2925 | 1.9995 | |
| 13 | 1.5540 | 1.7480 | 1.7054 | 1.7330 | 1.7023 | 1.0814 | 0.5540 | |
| | 1.3982 | 1.2471 | 1.2820 | 1.2646 | 1.2936 | 2.0256 | 3.6044 | |
| 14 | 1.7099 | 1.7539 | 1.7789 | 1.7502 | 0.9912 | 0.5366 | | |
| | 1.2705 | 1.2430 | 1.2265 | 1.2487 | 2.0010 | 3.6898 | | |
| 15 | 0.7798 | 0.8154 | 0.7836 | 0.7356 | F-SUB-Q | | | |
| | 2.5097 | 2.4159 | 2.5006 | 2.6699 | 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 | 1.3453 | 1.3120 | 1.3592 | 1.2959 | 1.5935 | 1.5479 | 1.6996 | 0.7817 |
| | 1.7023 | 1.7381 | 1.6700 | 1.7505 | 1.4297 | 1.4731 | 1.3413 | 2.6291 |
| 9 | 1.3120 | 1.5973 | 1.3548 | 1.6135 | 1.4448 | 1.7441 | 1.7470 | 0.8197 |
| | 1.7381 | 1.4257 | 1.6799 | 1.4143 | 1.5795 | 1.3113 | 1.3090 | 2.5236 |
| 10 | 1.3592 | 1.3506 | 1.5746 | 1.5535 | 1.7225 | 1.7019 | 1.7720 | 0.7874 |
| | 1.6700 | 1.6850 | 1.4530 | 1.4716 | 1.3330 | 1.3471 | 1.2914 | 2.6118 |
| 11 | 1.2959 | 1.6082 | 1.5470 | 1.6954 | 1.6336 | 1.7254 | 1.7445 | 0.7401 |
| | 1.7505 | 1.4187 | 1.4776 | 1.3610 | 1.4140 | 1.3311 | 1.3128 | 2.7841 |
| 12 | 1.5935 | 1.4431 | 1.7198 | 1.6331 | 1.6351 | 1.6934 | 0.9996 | |
| | 1.4297 | 1.5813 | 1.3349 | 1.4143 | 1.4182 | 1.3617 | 2.0793 | |
| 13 | 1.5479 | 1.7421 | 1.6986 | 1.7227 | 1.6918 | 1.0835 | 0.5565 | |
| | 1.4731 | 1.3127 | 1.3496 | 1.3331 | 1.3629 | 2.1168 | 3.7602 | |
| 14 | 1.6996 | 1.7445 | 1.7692 | 1.7414 | 0.9985 | 0.5392 | | |
| | 1.3413 | 1.3108 | 1.2933 | 1.3149 | 2.0812 | 3.8476 | | |
| 15 | 0.7817 | 0.8193 | 0.7861 | 0.7387 | F-SUB-Q | | | |
| | 2.6291 | 2.5249 | 2.6160 | 2.7892 | 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 | 1.3602 | 1.3251 | 1.3814 | 1.3089 | 1.6259 | 1.5719 | 1.7371 | 0.7766 |
| | 1.6351 | 1.6742 | 1.6013 | 1.6906 | 1.3666 | 1.4145 | 1.2796 | 2.5819 |
| 9 | 1.3251 | 1.6258 | 1.3698 | 1.6427 | 1.4611 | 1.7766 | 1.7854 | 0.8127 |
| | 1.6742 | 1.3645 | 1.6192 | 1.3543 | 1.5229 | 1.2548 | 1.2481 | 2.4832 |
| 10 | 1.3814 | 1.3653 | 1.5962 | 1.5758 | 1.7569 | 1.7310 | 1.8116 | 0.7827 |
| | 1.6013 | 1.6244 | 1.3967 | 1.4138 | 1.2727 | 1.2903 | 1.2306 | 2.5617 |
| 11 | 1.3089 | 1.6372 | 1.5690 | 1.7286 | 1.6580 | 1.7631 | 1.7802 | 0.7326 |
| | 1.6906 | 1.3587 | 1.4198 | 1.2984 | 1.3548 | 1.2680 | 1.2522 | 2.7412 |
| 12 | 1.6259 | 1.4594 | 1.7541 | 1.6575 | 1.6601 | 1.7266 | 0.9902 | |
| | 1.3666 | 1.5246 | 1.2746 | 1.3552 | 1.3559 | 1.2980 | 2.0432 | |
| 13 | 1.5719 | 1.7745 | 1.7274 | 1.7602 | 1.7249 | 1.0816 | 0.5500 | |
| | 1.4145 | 1.2562 | 1.2929 | 1.2700 | 1.2993 | 2.0609 | 3.7028 | |
| 14 | 1.7371 | 1.7827 | 1.8086 | 1.7770 | 0.9893 | 0.5318 | | |
| | 1.2796 | 1.2499 | 1.2325 | 1.2543 | 2.0447 | 3.7968 | | |
| 15 | 0.7766 | 0.8123 | 0.7814 | 0.7311 | F-SUB-Q | | | |
| | 2.5819 | 2.4845 | 2.5661 | 2.7463 | 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 | 1.3645 | 1.3283 | 1.3856 | 1.3123 | 1.6346 | 1.5807 | 1.7476 | 0.7766 |
| | 1.5694 | 1.6109 | 1.5423 | 1.6297 | 1.3136 | 1.3597 | 1.2292 | 2.5007 |
| 9 | 1.3283 | 1.6326 | 1.3744 | 1.6501 | 1.4667 | 1.7893 | 1.7966 | 0.8130 |
| | 1.6109 | 1.3120 | 1.5586 | 1.3021 | 1.4659 | 1.2037 | 1.1979 | 2.4038 |
| 10 | 1.3856 | 1.3699 | 1.6041 | 1.5838 | 1.7658 | 1.7417 | 1.8229 | 0.7829 |
| | 1.5423 | 1.5636 | 1.3419 | 1.3581 | 1.2215 | 1.2383 | 1.1808 | 2.4788 |
| 11 | 1.3123 | 1.6445 | 1.5769 | 1.7375 | 1.6663 | 1.7731 | 1.7888 | 0.7322 |
| | 1.6297 | 1.3064 | 1.3640 | 1.2446 | 1.2987 | 1.2160 | 1.2019 | 2.6537 |
| 12 | 1.6346 | 1.4649 | 1.7630 | 1.6658 | 1.6682 | 1.7344 | 0.9906 | |
| | 1.3136 | 1.4676 | 1.2235 | 1.2990 | 1.2981 | 1.2444 | 1.9708 | |
| 13 | 1.5807 | 1.7871 | 1.7380 | 1.7701 | 1.7326 | 1.0826 | 0.5492 | |
| | 1.3597 | 1.2051 | 1.2408 | 1.2180 | 1.2456 | 1.9844 | 3.5877 | |
| 14 | 1.7476 | 1.7938 | 1.8199 | 1.7855 | 0.9896 | 0.5308 | | |
| | 1.2292 | 1.1997 | 1.1827 | 1.2041 | 1.9723 | 3.6804 | | |
| 15 | 0.7766 | 0.8126 | 0.7815 | 0.7307 | F-SUB-Q | | | |
| | 2.5007 | 2.4051 | 2.4831 | 2.6589 | 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 | 1.3545 | 1.3186 | 1.3669 | 1.3044 | 1.6126 | 1.5703 | 1.7227 | 0.7822 |
| | 1.5330 | 1.5743 | 1.5181 | 1.5923 | 1.2927 | 1.3283 | 1.2100 | 2.4121 |
| 9 | 1.3186 | 1.6111 | 1.3661 | 1.6296 | 1.4590 | 1.7757 | 1.7720 | 0.8210 |
| | 1.5743 | 1.2904 | 1.5224 | 1.2799 | 1.4302 | 1.1764 | 1.1779 | 2.3128 |
| 10 | 1.3669 | 1.3617 | 1.5948 | 1.5736 | 1.7415 | 1.7286 | 1.7970 | 0.7880 |
| | 1.5181 | 1.5273 | 1.3098 | 1.3265 | 1.2010 | 1.2097 | 1.1615 | 2.3915 |
| 11 | 1.3044 | 1.6240 | 1.5667 | 1.7149 | 1.6541 | 1.7466 | 1.7613 | 0.7390 |
| | 1.5923 | 1.2842 | 1.3322 | 1.2221 | 1.2676 | 1.1964 | 1.1830 | 2.5526 |
| 12 | 1.6126 | 1.4572 | 1.7387 | 1.6537 | 1.6550 | 1.7088 | 1.0014 | |
| | 1.2927 | 1.4319 | 1.2029 | 1.2679 | 1.2671 | 1.2233 | 1.8904 | |
| 13 | 1.5703 | 1.7735 | 1.7249 | 1.7436 | 1.7071 | 1.0852 | 0.5545 | |
| | 1.3283 | 1.1778 | 1.2123 | 1.1984 | 1.2246 | 1.9183 | 3.4479 | |
| 14 | 1.7227 | 1.7692 | 1.7940 | 1.7580 | 1.0001 | 0.5368 | | |
| | 1.2100 | 1.1797 | 1.1634 | 1.1851 | 1.8924 | 3.5314 | | |
| 15 | 0.7822 | 0.8205 | 0.7866 | 0.7375 | F-SUB-Q | | | |
| | 2.4121 | 2.3141 | 2.3957 | 2.5576 | 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 | 1.3681 | 1.3326 | 1.3863 | 1.3263 | 1.6311 | 1.5874 | 1.7382 | 0.7807 |
| | 1.4812 | 1.5203 | 1.4614 | 1.5290 | 1.2472 | 1.2819 | 1.1697 | 2.3607 |
| 9 | 1.3326 | 1.6298 | 1.3840 | 1.6501 | 1.4777 | 1.7947 | 1.7863 | 0.8172 |
| | 1.5203 | 1.2449 | 1.4668 | 1.2335 | 1.3781 | 1.1349 | 1.1393 | 2.2694 |
| 10 | 1.3863 | 1.3795 | 1.6167 | 1.5959 | 1.7573 | 1.7479 | 1.8120 | 0.7843 |
| | 1.4614 | 1.4715 | 1.2607 | 1.2760 | 1.1604 | 1.1662 | 1.1229 | 2.3458 |
| 11 | 1.3263 | 1.6445 | 1.5889 | 1.7304 | 1.6731 | 1.7620 | 1.7707 | 0.7326 |
| | 1.5290 | 1.2376 | 1.2815 | 1.1806 | 1.2214 | 1.1557 | 1.1468 | 2.5137 |
| 12 | 1.6311 | 1.4760 | 1.7544 | 1.6726 | 1.6727 | 1.7200 | 0.9915 | |
| | 1.2472 | 1.3797 | 1.1623 | 1.2217 | 1.2218 | 1.1843 | 1.8620 | |
| 13 | 1.5874 | 1.7925 | 1.7442 | 1.7590 | 1.7182 | 1.0783 | 0.5494 | |
| | 1.2819 | 1.1362 | 1.1686 | 1.1576 | 1.1855 | 1.8824 | 3.3970 | |
| 14 | 1.7382 | 1.7835 | 1.8089 | 1.7675 | 0.9903 | 0.5312 | | |
| | 1.1697 | 1.1410 | 1.1247 | 1.1489 | 1.8639 | 3.4840 | | |
| 15 | 0.7807 | 0.8167 | 0.7830 | 0.7311 | F-SUB-Q | | | |
| | 2.3607 | 2.2706 | 2.3499 | 2.5188 | 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 | 1.3260 | 1.3066 | 1.3846 | 1.3352 | 1.5887 | 1.5537 | 1.6951 | 0.7850 |
| | 1.4999 | 1.5218 | 1.4357 | 1.4903 | 1.2560 | 1.2844 | 1.1760 | 2.3053 |
| 9 | 1.3066 | 1.5946 | 1.3597 | 1.6316 | 1.4554 | 1.7451 | 1.7360 | 0.8197 |
| | 1.5218 | 1.2483 | 1.4648 | 1.2235 | 1.3725 | 1.1438 | 1.1490 | 2.2214 |
| 10 | 1.3846 | 1.3563 | 1.5753 | 1.5832 | 1.7199 | 1.7039 | 1.7600 | 0.7815 |
| | 1.4357 | 1.4685 | 1.2693 | 1.2614 | 1.1622 | 1.1724 | 1.1330 | 2.3115 |
| 11 | 1.3352 | 1.6263 | 1.5766 | 1.6827 | 1.6388 | 1.7186 | 1.7304 | 0.7234 |
| | 1.4903 | 1.2274 | 1.2666 | 1.1901 | 1.2219 | 1.1611 | 1.1498 | 2.4997 |
| 12 | 1.5887 | 1.4536 | 1.7171 | 1.6384 | 1.6251 | 1.6771 | 0.9929 | |
| | 1.2560 | 1.3741 | 1.1640 | 1.2222 | 1.2324 | 1.1899 | 1.8238 | |
| 13 | 1.5537 | 1.7431 | 1.7003 | 1.7157 | 1.6754 | 1.0579 | 0.5429 | |
| | 1.2844 | 1.1451 | 1.1749 | 1.1630 | 1.1912 | 1.8818 | 3.3768 | |
| 14 | 1.6951 | 1.7333 | 1.7570 | 1.7272 | 0.9915 | 0.5245 | | |
| | 1.1760 | 1.1507 | 1.1349 | 1.1519 | 1.8262 | 3.4652 | | |
| 15 | 0.7850 | 0.8192 | 0.7802 | 0.7219 | F-SUB-Q | | | |
| | 2.3053 | 2.2226 | 2.3155 | 2.5046 | 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 | 1.1252 | 1.1706 | 1.5099 | 1.2227 | 1.6376 | 1.3424 | 1.6599 | 0.7323 |
| | 1.7436 | 1.6746 | 1.2971 | 1.6050 | 1.1988 | 1.4649 | 1.1817 | 2.4397 |
| 9 | 1.1706 | 1.5322 | 1.1901 | 1.5681 | 1.2908 | 1.5228 | 1.6918 | 0.7629 |
| | 1.6746 | 1.2798 | 1.6484 | 1.2534 | 1.5237 | 1.2912 | 1.1598 | 2.3561 |
| 10 | 1.5099 | 1.1883 | 1.3527 | 1.4288 | 1.6415 | 1.4697 | 1.6727 | 0.7061 |
| | 1.2971 | 1.6509 | 1.4568 | 1.3775 | 1.1988 | 1.3403 | 1.1731 | 2.5257 |
| 11 | 1.2227 | 1.5603 | 1.4231 | 1.6273 | 1.4636 | 1.7174 | 1.5804 | 0.6484 |
| | 1.6050 | 1.2593 | 1.3830 | 1.2103 | 1.3472 | 1.1440 | 1.2402 | 2.7536 |
| 12 | 1.6376 | 1.2887 | 1.6385 | 1.4623 | 1.3623 | 1.5940 | 0.9287 | |
| | 1.1988 | 1.5262 | 1.2009 | 1.3484 | 1.4483 | 1.2319 | 1.9235 | |
| 13 | 1.3424 | 1.5210 | 1.4666 | 1.7148 | 1.5921 | 0.9483 | 0.4864 | |
| | 1.4649 | 1.2927 | 1.3431 | 1.1457 | 1.2334 | 2.0708 | 3.7239 | |
| 14 | 1.6599 | 1.6896 | 1.6700 | 1.5775 | 0.9265 | 0.4705 | | |
| | 1.1817 | 1.1613 | 1.1750 | 1.2424 | 1.9278 | 3.8169 | | |
| 15 | 0.7323 | 0.7623 | 0.7049 | 0.6471 | F-SUB-Q | | | |
| | 2.4397 | 2.3581 | 2.5300 | 2.7589 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.5000 | 0.5362 | 0.6397 | 0.5657 | 0.6782 | 0.5787 | 0.6323 | 0.3267 |
| | 3.8893 | 3.6247 | 3.0353 | 3.4389 | 2.8676 | 3.3660 | 3.0761 | 5.4299 |
| 9 | 0.5362 | 0.6247 | 0.5484 | 0.6661 | 0.5941 | 0.6157 | 0.6395 | 0.3362 |
| | 3.6247 | 3.1103 | 3.5472 | 2.9228 | 3.2799 | 3.1635 | 3.0413 | 5.3075 |
| 10 | 0.6397 | 0.5470 | 0.5657 | 0.6264 | 0.6945 | 0.6123 | 0.6305 | 0.3159 |
| | 3.0353 | 3.5561 | 3.4483 | 3.1114 | 2.8053 | 3.1839 | 3.0857 | 5.6055 |
| 11 | 0.5657 | 0.6640 | 0.6242 | 0.6896 | 0.6207 | 0.6873 | 0.5925 | 0.2825 |
| | 3.4389 | 2.9322 | 3.1226 | 2.8280 | 3.1431 | 2.8336 | 3.2817 | 6.2768 |
| 12 | 0.6782 | 0.5930 | 0.6932 | 0.6200 | 0.5554 | 0.6062 | 0.4110 | |
| | 2.8676 | 3.2860 | 2.8107 | 3.1467 | 3.5152 | 3.2127 | 4.3130 | |
| 13 | 0.5787 | 0.6150 | 0.6111 | 0.6863 | 0.6055 | 0.4279 | 0.2164 | |
| | 3.3660 | 3.1670 | 3.1902 | 2.8379 | 3.2164 | 4.5515 | 8.3152 | |
| 14 | 0.6323 | 0.6390 | 0.6295 | 0.5915 | 0.4100 | 0.2128 | | |
| | 3.0761 | 3.0439 | 3.0906 | 3.2877 | 4.3234 | 8.3843 | | |
| 15 | 0.3267 | 0.3361 | 0.3155 | 0.2820 | F-SUB-Q | | | |
| | 5.4299 | 5.3102 | 5.6134 | 6.2887 | 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 | 0.5230 | 0.5975 | 0.7087 | 0.6307 | 0.7276 | 0.6175 | 0.6406 | 0.3514 |
| | 4.1362 | 4.0037 | 3.2261 | 3.4996 | 3.0118 | 3.5433 | 3.4412 | 5.6432 |
| 9 | 0.5975 | 0.6810 | 0.6152 | 0.7221 | 0.6522 | 0.6270 | 0.6449 | 0.3612 |
| | 4.0037 | 3.5082 | 3.7128 | 3.1131 | 3.4255 | 3.5086 | 3.4377 | 5.5408 |
| 10 | 0.7087 | 0.6142 | 0.6252 | 0.6737 | 0.7285 | 0.6382 | 0.6302 | 0.3358 |
| | 3.2261 | 3.7167 | 3.7579 | 3.4073 | 3.1420 | 3.5503 | 3.5373 | 5.9231 |
| 11 | 0.6307 | 0.7206 | 0.6722 | 0.7202 | 0.6503 | 0.6852 | 0.5908 | 0.3011 |
| | 3.4996 | 3.1174 | 3.4147 | 3.3319 | 3.6974 | 3.5149 | 3.9202 | 6.7853 |
| 12 | 0.7276 | 0.6511 | 0.7276 | 0.6497 | 0.5484 | 0.5814 | 0.4248 | |
| | 3.0118 | 3.4273 | 3.1459 | 3.7010 | 4.1284 | 3.8947 | 5.0826 | |
| 13 | 0.6175 | 0.6267 | 0.6377 | 0.6847 | 0.5810 | 0.4211 | 0.2315 | |
| | 3.5433 | 3.5103 | 3.5532 | 3.5173 | 3.8974 | 5.2345 | 9.1937 | |
| 14 | 0.6406 | 0.6447 | 0.6298 | 0.5903 | 0.4242 | 0.2251 | | |
| | 3.4412 | 3.4388 | 3.5394 | 3.9234 | 5.0890 | 9.3710 | | |
| 15 | 0.3514 | 0.3612 | 0.3356 | 0.3008 | F-SUB-Q | | | |
| | 5.6432 | 5.5418 | 5.9266 | 6.7915 | 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 | 1.1713 | 1.2598 | 1.5682 | 1.3076 | 1.6240 | 1.3443 | 1.5626 | 0.7814 |
| | 2.0280 | 1.9906 | 1.4954 | 1.7394 | 1.3865 | 1.6743 | 1.4504 | 2.6162 |
| 9 | 1.2598 | 1.5674 | 1.2771 | 1.5864 | 1.3527 | 1.4564 | 1.5780 | 0.8051 |
| | 1.9906 | 1.5644 | 1.8395 | 1.4614 | 1.6958 | 1.5522 | 1.4307 | 2.5438 |
| 10 | 1.5682 | 1.2752 | 1.4151 | 1.4480 | 1.6016 | 1.4482 | 1.5529 | 0.7448 |
| | 1.4954 | 1.8427 | 1.6998 | 1.6281 | 1.4829 | 1.6090 | 1.4763 | 2.7427 |
| 11 | 1.3076 | 1.5819 | 1.4448 | 1.5933 | 1.4488 | 1.5985 | 1.4623 | 0.6846 |
| | 1.7394 | 1.4633 | 1.6320 | 1.5575 | 1.7033 | 1.5390 | 1.6473 | 3.0745 |
| 12 | 1.6240 | 1.3513 | 1.5999 | 1.4479 | 1.2934 | 1.4726 | 0.9449 | |
| | 1.3865 | 1.6965 | 1.4846 | 1.7043 | 1.8011 | 1.6133 | 2.3379 | |
| 13 | 1.3443 | 1.4559 | 1.4473 | 1.5975 | 1.4716 | 0.9375 | 0.5202 | |
| | 1.6743 | 1.5528 | 1.6101 | 1.5399 | 1.6144 | 2.4804 | 4.2021 | |
| 14 | 1.5626 | 1.5776 | 1.5521 | 1.4611 | 0.9436 | 0.5052 | | |
| | 1.4504 | 1.4311 | 1.4771 | 1.6487 | 2.3410 | 4.2895 | | |
| 15 | 0.7814 | 0.8048 | 0.7444 | 0.6840 | F-SUB-Q | | | |
| | 2.6162 | 2.5445 | 2.7443 | 3.0770 | 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 | 1.4125 | 1.4088 | 1.4347 | 1.4316 | 1.5664 | 1.5464 | 1.6009 | 0.8584 |
| | 1.7797 | 1.7972 | 1.6794 | 1.6216 | 1.4665 | 1.4791 | 1.4241 | 2.3856 |
| 9 | 1.4088 | 1.6319 | 1.4550 | 1.6352 | 1.5193 | 1.6740 | 1.6280 | 0.8863 |
| | 1.7972 | 1.5145 | 1.6530 | 1.4543 | 1.5274 | 1.3735 | 1.4087 | 2.3294 |
| 10 | 1.4347 | 1.4529 | 1.6403 | 1.6027 | 1.6566 | 1.6650 | 1.6439 | 0.8386 |
| | 1.6794 | 1.6604 | 1.4776 | 1.4985 | 1.4254 | 1.4236 | 1.4200 | 2.4821 |
| 11 | 1.4316 | 1.6321 | 1.5990 | 1.6501 | 1.6306 | 1.6171 | 1.6113 | 0.7822 |
| | 1.6216 | 1.4570 | 1.5023 | 1.4892 | 1.5340 | 1.5531 | 1.5243 | 2.7473 |
| 12 | 1.5664 | 1.5184 | 1.6554 | 1.6295 | 1.5989 | 1.5843 | 1.0425 | |
| | 1.4665 | 1.5280 | 1.4265 | 1.5344 | 1.5380 | 1.5505 | 2.1610 | |
| 13 | 1.5464 | 1.6733 | 1.6642 | 1.6160 | 1.5834 | 1.0879 | 0.5948 | |
| | 1.4791 | 1.3739 | 1.4244 | 1.5544 | 1.5514 | 2.2221 | 3.7603 | |
| 14 | 1.6009 | 1.6274 | 1.6431 | 1.6101 | 1.0413 | 0.5821 | | |
| | 1.4241 | 1.4092 | 1.4207 | 1.5256 | 2.1631 | 3.8099 | | |
| 15 | 0.8584 | 0.8861 | 0.8380 | 0.7815 | F-SUB-Q | | | |
| | 2.3856 | 2.3297 | 2.4836 | 2.7495 | 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 | 1.5006 | 1.4795 | 1.4882 | 1.4637 | 1.6688 | 1.6328 | 1.7128 | 0.8652 |
| | 1.7152 | 1.7492 | 1.6690 | 1.6188 | 1.4020 | 1.4254 | 1.3519 | 2.4012 |
| 9 | 1.4795 | 1.7289 | 1.5230 | 1.7182 | 1.5931 | 1.7901 | 1.7489 | 0.8957 |
| | 1.7492 | 1.4530 | 1.6163 | 1.4147 | 1.4876 | 1.3041 | 1.3368 | 2.3405 |
| 10 | 1.4882 | 1.5200 | 1.7381 | 1.6732 | 1.7684 | 1.7741 | 1.7689 | 0.8543 |
| | 1.6690 | 1.6244 | 1.4205 | 1.4660 | 1.3626 | 1.3616 | 1.3452 | 2.4944 |
| 11 | 1.4637 | 1.7131 | 1.6689 | 1.7540 | 1.7255 | 1.7347 | 1.7258 | 0.8004 |
| | 1.6188 | 1.4176 | 1.4701 | 1.4305 | 1.4733 | 1.4778 | 1.4534 | 2.7424 |
| 12 | 1.6688 | 1.5921 | 1.7670 | 1.7250 | 1.7167 | 1.7046 | 1.0580 | |
| | 1.4020 | 1.4881 | 1.3637 | 1.4737 | 1.4669 | 1.4759 | 2.1753 | |
| 13 | 1.6328 | 1.7892 | 1.7732 | 1.7335 | 1.7036 | 1.1410 | 0.6068 | |
| | 1.4254 | 1.3045 | 1.3623 | 1.4788 | 1.4767 | 2.1758 | 3.7749 | |
| 14 | 1.7128 | 1.7480 | 1.7680 | 1.7244 | 1.0573 | 0.5935 | | |
| | 1.3519 | 1.3373 | 1.3459 | 1.4547 | 2.1767 | 3.8269 | | |
| 15 | 0.8652 | 0.8956 | 0.8536 | 0.7996 | F-SUB-Q | | | |
| | 2.4012 | 2.3408 | 2.4963 | 2.7448 | 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 | 1.5035 | 1.4791 | 1.4944 | 1.4551 | 1.6901 | 1.6439 | 1.7473 | 0.8642 |
| | 1.7524 | 1.7898 | 1.7093 | 1.6648 | 1.4130 | 1.4465 | 1.3552 | 2.4595 |
| 9 | 1.4791 | 1.7438 | 1.5201 | 1.7340 | 1.5965 | 1.8160 | 1.7880 | 0.8985 |
| | 1.7898 | 1.4791 | 1.6624 | 1.4326 | 1.5170 | 1.3125 | 1.3385 | 2.3875 |
| 10 | 1.4944 | 1.5168 | 1.7435 | 1.6820 | 1.7956 | 1.7951 | 1.8091 | 0.8576 |
| | 1.7093 | 1.6715 | 1.4524 | 1.4930 | 1.3692 | 1.3687 | 1.3413 | 2.5354 |
| 11 | 1.4551 | 1.7302 | 1.6774 | 1.7772 | 1.7463 | 1.7726 | 1.7695 | 0.8058 |
| | 1.6648 | 1.4358 | 1.4975 | 1.4500 | 1.4893 | 1.4730 | 1.4447 | 2.7718 |
| 12 | 1.6901 | 1.5954 | 1.7941 | 1.7458 | 1.7396 | 1.7450 | 1.0689 | |
| | 1.4130 | 1.5175 | 1.3703 | 1.4897 | 1.4828 | 1.4765 | 2.2052 | |
| 13 | 1.6439 | 1.8150 | 1.7941 | 1.7712 | 1.7439 | 1.1591 | 0.6083 | |
| | 1.4465 | 1.3130 | 1.3694 | 1.4743 | 1.4774 | 2.1975 | 3.8642 | |
| 14 | 1.7473 | 1.7871 | 1.8082 | 1.7679 | 1.0682 | 0.5951 | | |
| | 1.3552 | 1.3391 | 1.3421 | 1.4461 | 2.2064 | 3.9170 | | |
| 15 | 0.8642 | 0.8983 | 0.8569 | 0.8050 | F-SUB-Q | | | |
| | 2.4595 | 2.3879 | 2.5376 | 2.7743 | 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 | 1.4830 | 1.4580 | 1.4782 | 1.4349 | 1.6813 | 1.6327 | 1.7483 | 0.8592 |
| | 1.8130 | 1.8522 | 1.7662 | 1.7245 | 1.4477 | 1.4810 | 1.3779 | 2.5191 |
| 9 | 1.4580 | 1.7271 | 1.4989 | 1.7237 | 1.5804 | 1.8122 | 1.7918 | 0.8948 |
| | 1.8522 | 1.5272 | 1.7212 | 1.4725 | 1.5650 | 1.3374 | 1.3596 | 2.4407 |
| 10 | 1.4782 | 1.4954 | 1.7237 | 1.6696 | 1.7924 | 1.7884 | 1.8137 | 0.8552 |
| | 1.7662 | 1.7311 | 1.4987 | 1.5373 | 1.4038 | 1.4003 | 1.3654 | 2.5952 |
| 11 | 1.4349 | 1.7196 | 1.6647 | 1.7763 | 1.7399 | 1.7762 | 1.7785 | 0.8047 |
| | 1.7245 | 1.4760 | 1.5423 | 1.4906 | 1.5295 | 1.5049 | 1.4730 | 2.8425 |
| 12 | 1.6813 | 1.5793 | 1.7908 | 1.7394 | 1.7336 | 1.7499 | 1.0725 | |
| | 1.4477 | 1.5656 | 1.4051 | 1.5299 | 1.5245 | 1.5096 | 2.2502 | |
| 13 | 1.6327 | 1.8111 | 1.7872 | 1.7747 | 1.7488 | 1.1606 | 0.6068 | |
| | 1.4810 | 1.3380 | 1.4012 | 1.5063 | 1.5106 | 2.2581 | 3.9848 | |
| 14 | 1.7483 | 1.7908 | 1.8126 | 1.7768 | 1.0717 | 0.5932 | | |
| | 1.3779 | 1.3602 | 1.3663 | 1.4745 | 2.2515 | 4.0417 | | |
| 15 | 0.8592 | 0.8946 | 0.8545 | 0.8039 | F-SUB-Q | | | |
| | 2.5191 | 2.4411 | 2.5975 | 2.8453 | 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 | 1.4697 | 1.4437 | 1.4721 | 1.4230 | 1.6847 | 1.6294 | 1.7596 | 0.8488 |
| | 1.8666 | 1.9057 | 1.8269 | 1.7915 | 1.4866 | 1.5211 | 1.4062 | 2.6174 |
| 9 | 1.4437 | 1.7219 | 1.4857 | 1.7239 | 1.5723 | 1.8174 | 1.8050 | 0.8847 |
| | 1.9057 | 1.5776 | 1.7883 | 1.5171 | 1.6206 | 1.3706 | 1.3882 | 2.5341 |
| 10 | 1.4721 | 1.4821 | 1.7143 | 1.6651 | 1.8023 | 1.7900 | 1.8277 | 0.8465 |
| | 1.8269 | 1.7992 | 1.5525 | 1.5892 | 1.4423 | 1.4382 | 1.3948 | 2.6997 |
| 11 | 1.4230 | 1.7196 | 1.6599 | 1.7842 | 1.7408 | 1.7888 | 1.7937 | 0.7961 |
| | 1.7915 | 1.5209 | 1.5947 | 1.5262 | 1.5626 | 1.5183 | 1.5067 | 2.9636 |
| 12 | 1.6847 | 1.5710 | 1.8006 | 1.7403 | 1.7354 | 1.7617 | 1.0626 | |
| | 1.4866 | 1.6213 | 1.4438 | 1.5631 | 1.5596 | 1.5358 | 2.3184 | |
| 13 | 1.6294 | 1.8162 | 1.7885 | 1.7872 | 1.7605 | 1.1548 | 0.5986 | |
| | 1.5211 | 1.3713 | 1.4393 | 1.5197 | 1.5369 | 2.3248 | 4.1389 | |
| 14 | 1.7596 | 1.8037 | 1.8264 | 1.7919 | 1.0619 | 0.5843 | | |
| | 1.4062 | 1.3889 | 1.3958 | 1.5082 | 2.3197 | 4.2041 | | |
| 15 | 0.8488 | 0.8846 | 0.8456 | 0.7952 | F-SUB-Q | | | |
| | 2.6174 | 2.5346 | 2.7023 | 2.9667 | 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 | 1.4485 | 1.4218 | 1.4543 | 1.4038 | 1.6737 | 1.6187 | 1.7544 | 0.8379 |
| | 1.9342 | 1.9772 | 1.9201 | 1.8859 | 1.5530 | 1.5868 | 1.4618 | 2.7467 |
| 9 | 1.4218 | 1.7028 | 1.4651 | 1.7098 | 1.5553 | 1.8098 | 1.8010 | 0.8740 |
| | 1.9772 | 1.6551 | 1.8840 | 1.5890 | 1.7015 | 1.4275 | 1.4433 | 2.6581 |
| 10 | 1.4543 | 1.4613 | 1.6945 | 1.6500 | 1.7953 | 1.7790 | 1.8243 | 0.8371 |
| | 1.9201 | 1.8958 | 1.6320 | 1.6669 | 1.5069 | 1.5000 | 1.4503 | 2.8331 |
| 11 | 1.4038 | 1.7053 | 1.6446 | 1.7757 | 1.7292 | 1.7844 | 1.7917 | 0.7873 |
| | 1.8859 | 1.5932 | 1.6727 | 1.5636 | 1.6045 | 1.5564 | 1.5433 | 3.1130 |
| 12 | 1.6737 | 1.5540 | 1.7935 | 1.7286 | 1.7246 | 1.7567 | 1.0530 | |
| | 1.5530 | 1.7023 | 1.5086 | 1.6050 | 1.6004 | 1.5702 | 2.3871 | |
| 13 | 1.6187 | 1.8083 | 1.7773 | 1.7826 | 1.7554 | 1.1448 | 0.5910 | |
| | 1.5868 | 1.4283 | 1.5013 | 1.5579 | 1.5714 | 2.3975 | 4.2745 | |
| 14 | 1.7544 | 1.7997 | 1.8229 | 1.7897 | 1.0523 | 0.5762 | | |
| | 1.4618 | 1.4441 | 1.4515 | 1.5450 | 2.3884 | 4.3469 | | |
| 15 | 0.8379 | 0.8738 | 0.8362 | 0.7863 | F-SUB-Q | | | |
| | 2.7467 | 2.6588 | 2.8361 | 3.1165 | 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 | 1.4311 | 1.4034 | 1.4415 | 1.3880 | 1.6675 | 1.6110 | 1.7528 | 0.8263 |
| | 2.0295 | 2.0722 | 2.0083 | 1.9958 | 1.6301 | 1.6666 | 1.5287 | 2.9085 |
| 9 | 1.4034 | 1.6893 | 1.4479 | 1.7003 | 1.5416 | 1.8047 | 1.8002 | 0.8609 |
| | 2.0722 | 1.7155 | 1.9949 | 1.6718 | 1.7965 | 1.4962 | 1.5098 | 2.8180 |
| 10 | 1.4415 | 1.4441 | 1.6792 | 1.6381 | 1.7917 | 1.7718 | 1.8239 | 0.8264 |
| | 2.0083 | 2.0024 | 1.7171 | 1.7550 | 1.5820 | 1.5743 | 1.5169 | 2.9994 |
| 11 | 1.3880 | 1.6957 | 1.6325 | 1.7709 | 1.7201 | 1.7829 | 1.7913 | 0.7757 |
| | 1.9958 | 1.6764 | 1.7610 | 1.6195 | 1.6668 | 1.6079 | 1.5893 | 3.3035 |
| 12 | 1.6675 | 1.5402 | 1.7897 | 1.7196 | 1.7162 | 1.7542 | 1.0399 | |
| | 1.6301 | 1.7974 | 1.5839 | 1.6673 | 1.6643 | 1.6245 | 2.4950 | |
| 13 | 1.6110 | 1.8031 | 1.7700 | 1.7810 | 1.7528 | 1.1324 | 0.5823 | |
| | 1.6666 | 1.4972 | 1.5759 | 1.6096 | 1.6257 | 2.5031 | 4.4725 | |
| 14 | 1.7527 | 1.7986 | 1.8222 | 1.7891 | 1.0392 | 0.5671 | | |
| | 1.5287 | 1.5107 | 1.5182 | 1.5912 | 2.4964 | 4.5539 | | |
| 15 | 0.8263 | 0.8606 | 0.8255 | 0.7747 | F-SUB-Q | | | |
| | 2.9084 | 2.8188 | 3.0027 | 3.3074 | 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 | 1.3930 | 1.3656 | 1.3992 | 1.3529 | 1.6249 | 1.5788 | 1.7128 | 0.8177 |
| | 2.1633 | 2.2038 | 2.1376 | 2.1568 | 1.7619 | 1.7908 | 1.6464 | 3.0920 |
| 9 | 1.3656 | 1.6409 | 1.4106 | 1.6565 | 1.5062 | 1.7684 | 1.7609 | 0.8543 |
| | 2.2038 | 1.8242 | 2.1210 | 1.7944 | 1.9383 | 1.6075 | 1.6248 | 2.9867 |
| 10 | 1.3992 | 1.4068 | 1.6377 | 1.6009 | 1.7509 | 1.7363 | 1.7839 | 0.8190 |
| | 2.1376 | 2.1267 | 1.8221 | 1.8590 | 1.6918 | 1.6923 | 1.6329 | 3.1847 |
| 11 | 1.3529 | 1.6519 | 1.5952 | 1.7296 | 1.6834 | 1.7424 | 1.7536 | 0.7708 |
| | 2.1568 | 1.7993 | 1.8655 | 1.7225 | 1.7694 | 1.6964 | 1.6756 | 3.4452 |
| 12 | 1.6249 | 1.5048 | 1.7488 | 1.6829 | 1.6801 | 1.7152 | 1.0364 | |
| | 1.7619 | 1.9392 | 1.6937 | 1.7699 | 1.7725 | 1.7302 | 2.5933 | |
| 13 | 1.5788 | 1.7666 | 1.7343 | 1.7404 | 1.7138 | 1.1201 | 0.5788 | |
| | 1.7908 | 1.6086 | 1.6942 | 1.6984 | 1.7316 | 2.6380 | 4.6836 | |
| 14 | 1.7128 | 1.7592 | 1.7821 | 1.7514 | 1.0355 | 0.5638 | | |
| | 1.6464 | 1.6259 | 1.6345 | 1.6776 | 2.5952 | 4.7674 | | |
| 15 | 0.8177 | 0.8541 | 0.8180 | 0.7697 | F-SUB-Q | | | |
| | 3.0920 | 2.9876 | 3.1881 | 3.4496 | 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 | 1.3845 | 1.3557 | 1.3984 | 1.3449 | 1.6323 | 1.5797 | 1.7249 | 0.8027 |
| | 2.2627 | 2.3089 | 2.2287 | 2.2946 | 1.8556 | 1.8939 | 1.7288 | 3.3266 |
| 9 | 1.3557 | 1.6418 | 1.4022 | 1.6601 | 1.5003 | 1.7743 | 1.7734 | 0.8377 |
| | 2.3089 | 1.8997 | 2.2250 | 1.8683 | 2.0590 | 1.6949 | 1.7069 | 3.2172 |
| 10 | 1.3984 | 1.3983 | 1.6330 | 1.5984 | 1.7600 | 1.7404 | 1.7973 | 0.8045 |
| | 2.2287 | 2.2312 | 1.9058 | 1.9422 | 1.7522 | 1.7632 | 1.7023 | 3.4223 |
| 11 | 1.3449 | 1.6553 | 1.5925 | 1.7376 | 1.6837 | 1.7544 | 1.7651 | 0.7557 |
| | 2.2946 | 1.8735 | 1.9492 | 1.7802 | 1.8376 | 1.7542 | 1.7338 | 3.6617 |
| 12 | 1.6323 | 1.4988 | 1.7578 | 1.6832 | 1.6811 | 1.7246 | 1.0153 | |
| | 1.8556 | 2.0604 | 1.7543 | 1.8381 | 1.8377 | 1.7849 | 2.7483 | |
| 13 | 1.5797 | 1.7723 | 1.7381 | 1.7522 | 1.7232 | 1.1056 | 0.5659 | |
| | 1.8939 | 1.6962 | 1.7654 | 1.7563 | 1.7863 | 2.7744 | 4.9566 | |
| 14 | 1.7249 | 1.7716 | 1.7953 | 1.7627 | 1.0145 | 0.5501 | | |
| | 1.7288 | 1.7081 | 1.7041 | 1.7361 | 2.7500 | 5.0549 | | |
| 15 | 0.8027 | 0.8374 | 0.8035 | 0.7545 | F-SUB-Q | | | |
| | 3.3266 | 3.2182 | 3.4265 | 3.6666 | 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 | 1.3619 | 1.3328 | 1.3775 | 1.3237 | 1.6147 | 1.5635 | 1.7104 | 0.7909 |
| | 2.3700 | 2.4139 | 2.3233 | 2.4100 | 1.9779 | 2.0297 | 1.8483 | 3.5750 |
| 9 | 1.3328 | 1.6185 | 1.3799 | 1.6398 | 1.4795 | 1.7582 | 1.7592 | 0.8262 |
| | 2.4139 | 1.9830 | 2.3231 | 1.9564 | 2.1643 | 1.8131 | 1.8236 | 3.4535 |
| 10 | 1.3775 | 1.3759 | 1.6098 | 1.5786 | 1.7434 | 1.7238 | 1.7831 | 0.7936 |
| | 2.3233 | 2.3297 | 1.9983 | 2.0359 | 1.8515 | 1.8653 | 1.8000 | 3.6456 |
| 11 | 1.3237 | 1.6349 | 1.5726 | 1.7201 | 1.6648 | 1.7395 | 1.7515 | 0.7455 |
| | 2.4100 | 1.9622 | 2.0435 | 1.8840 | 1.9476 | 1.8556 | 1.8332 | 3.8880 |
| 12 | 1.6147 | 1.4779 | 1.7411 | 1.6643 | 1.6628 | 1.7093 | 1.0027 | |
| | 1.9779 | 2.1665 | 1.8540 | 1.9482 | 1.9460 | 1.8859 | 2.9144 | |
| 13 | 1.5635 | 1.7566 | 1.7213 | 1.7372 | 1.7078 | 1.0919 | 0.5577 | |
| | 2.0297 | 1.8146 | 1.8679 | 1.8579 | 1.8874 | 2.9374 | 5.2542 | |
| 14 | 1.7104 | 1.7572 | 1.7810 | 1.7489 | 1.0019 | 0.5417 | | |
| | 1.8483 | 1.8256 | 1.8020 | 1.8357 | 2.9162 | 5.3629 | | |
| 15 | 0.7909 | 0.8258 | 0.7924 | 0.7443 | F-SUB-Q | | | |
| | 3.5750 | 3.4547 | 3.6503 | 3.8935 | 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 | 1.3273 | 1.2985 | 1.3395 | 1.2913 | 1.5756 | 1.5331 | 1.6735 | 0.7809 |
| | 2.3634 | 2.4077 | 2.3217 | 2.3998 | 1.9696 | 2.0246 | 1.8559 | 3.5935 |
| 9 | 1.2985 | 1.5750 | 1.3456 | 1.5995 | 1.4464 | 1.7245 | 1.7227 | 0.8175 |
| | 2.4077 | 1.9806 | 2.3148 | 1.9500 | 2.1519 | 1.8054 | 1.8111 | 3.4576 |
| 10 | 1.3395 | 1.3417 | 1.5714 | 1.5437 | 1.7052 | 1.6899 | 1.7459 | 0.7845 |
| | 2.3217 | 2.3215 | 1.9905 | 2.0243 | 1.8423 | 1.8505 | 1.7891 | 3.5976 |
| 11 | 1.2913 | 1.5946 | 1.5377 | 1.6816 | 1.6300 | 1.7020 | 1.7159 | 0.7377 |
| | 2.3998 | 1.9559 | 2.0321 | 1.8804 | 1.9410 | 1.8465 | 1.8288 | 3.8431 |
| 12 | 1.5756 | 1.4448 | 1.7028 | 1.6295 | 1.6288 | 1.6726 | 0.9959 | |
| | 1.9696 | 2.1542 | 1.8449 | 1.9416 | 1.9502 | 1.8927 | 2.8758 | |
| 13 | 1.5331 | 1.7229 | 1.6873 | 1.6996 | 1.6710 | 1.0779 | 0.5525 | |
| | 2.0246 | 1.8071 | 1.8534 | 1.8491 | 1.8945 | 2.9357 | 5.2473 | |
| 14 | 1.6735 | 1.7205 | 1.7436 | 1.7132 | 0.9948 | 0.5368 | | |
| | 1.8559 | 1.8133 | 1.7914 | 1.8316 | 2.8784 | 5.3549 | | |
| 15 | 0.7809 | 0.8171 | 0.7834 | 0.7364 | F-SUB-Q | | | |
| | 3.5935 | 3.4591 | 3.6028 | 3.8493 | 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 | 1.3167 | 1.2868 | 1.3355 | 1.2805 | 1.5785 | 1.5303 | 1.6811 | 0.7648 |
| | 2.2965 | 2.3349 | 2.2313 | 2.3227 | 1.8930 | 1.9481 | 1.7754 | 3.4964 |
| 9 | 1.2868 | 1.5723 | 1.3350 | 1.5987 | 1.4367 | 1.7263 | 1.7305 | 0.7996 |
| | 2.3349 | 1.9089 | 2.2443 | 1.8825 | 2.0891 | 1.7408 | 1.7421 | 3.3730 |
| 10 | 1.3355 | 1.3309 | 1.5631 | 1.5378 | 1.7096 | 1.6898 | 1.7546 | 0.7692 |
| | 2.2313 | 2.2508 | 1.9333 | 1.9634 | 1.7835 | 1.7910 | 1.7216 | 3.5233 |
| 11 | 1.2805 | 1.5936 | 1.5315 | 1.6850 | 1.6261 | 1.7095 | 1.7228 | 0.7216 |
| | 2.3227 | 1.8882 | 1.9712 | 1.8251 | 1.8928 | 1.7853 | 1.7675 | 3.7761 |
| 12 | 1.5785 | 1.4351 | 1.7071 | 1.6256 | 1.6258 | 1.6773 | 0.9738 | |
| | 1.8930 | 2.0914 | 1.7860 | 1.8934 | 1.9018 | 1.8354 | 2.8432 | |
| 13 | 1.5303 | 1.7245 | 1.6869 | 1.7069 | 1.6757 | 1.0616 | 0.5392 | |
| | 1.9481 | 1.7425 | 1.7940 | 1.7879 | 1.8371 | 2.8832 | 5.1379 | |
| 14 | 1.6811 | 1.7282 | 1.7521 | 1.7199 | 0.9729 | 0.5228 | | |
| | 1.7754 | 1.7443 | 1.7239 | 1.7703 | 2.8453 | 5.2528 | | |
| 15 | 0.7648 | 0.7992 | 0.7680 | 0.7203 | F-SUB-Q | | | |
| | 3.4964 | 3.3745 | 3.5287 | 3.7825 | 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 | 1.2972 | 1.2668 | 1.3180 | 1.2616 | 1.5639 | 1.5165 | 1.6701 | 0.7517 |
| | 2.1155 | 2.1535 | 2.0580 | 2.1535 | 1.7546 | 1.8116 | 1.6468 | 3.2626 |
| 9 | 1.2668 | 1.5533 | 1.3156 | 1.5817 | 1.4177 | 1.7133 | 1.7199 | 0.7859 |
| | 2.1535 | 1.7580 | 2.0728 | 1.7392 | 1.9424 | 1.6176 | 1.6144 | 3.1458 |
| 10 | 1.3180 | 1.3114 | 1.5428 | 1.5201 | 1.6960 | 1.6757 | 1.7442 | 0.7568 |
| | 2.0580 | 2.0789 | 1.7889 | 1.8158 | 1.6453 | 1.6631 | 1.5940 | 3.2714 |
| 11 | 1.2616 | 1.5765 | 1.5138 | 1.6705 | 1.6092 | 1.6984 | 1.7121 | 0.7086 |
| | 2.1535 | 1.7445 | 1.8229 | 1.6827 | 1.7497 | 1.6462 | 1.6282 | 3.5064 |
| 12 | 1.5639 | 1.4160 | 1.6934 | 1.6088 | 1.6100 | 1.6646 | 0.9584 | |
| | 1.7546 | 1.9445 | 1.6477 | 1.7501 | 1.7602 | 1.6906 | 2.6302 | |
| 13 | 1.5165 | 1.7114 | 1.6725 | 1.6957 | 1.6630 | 1.0458 | 0.5293 | |
| | 1.8116 | 1.6193 | 1.6659 | 1.6487 | 1.6922 | 2.6678 | 4.7748 | |
| 14 | 1.6701 | 1.7174 | 1.7415 | 1.7091 | 0.9576 | 0.5127 | | |
| | 1.6468 | 1.6165 | 1.5961 | 1.6308 | 2.6321 | 4.8869 | | |
| 15 | 0.7517 | 0.7855 | 0.7555 | 0.7072 | F-SUB-Q | | | |
| | 3.2626 | 3.1473 | 3.2765 | 3.5126 | 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 | 1.2751 | 1.2445 | 1.2962 | 1.2402 | 1.5423 | 1.4971 | 1.6503 | 0.7414 |
| | 1.9737 | 2.0111 | 1.9233 | 2.0119 | 1.6308 | 1.6833 | 1.5291 | 3.0402 |
| 9 | 1.2445 | 1.5286 | 1.2934 | 1.5587 | 1.3956 | 1.6935 | 1.7001 | 0.7762 |
| | 2.0111 | 1.6408 | 1.9371 | 1.6229 | 1.8143 | 1.4996 | 1.4996 | 2.9263 |
| 10 | 1.2962 | 1.2892 | 1.5186 | 1.4983 | 1.6747 | 1.6550 | 1.7243 | 0.7471 |
| | 1.9233 | 1.9430 | 1.6696 | 1.6930 | 1.5302 | 1.5478 | 1.4825 | 3.0484 |
| 11 | 1.2402 | 1.5535 | 1.4919 | 1.6489 | 1.5875 | 1.6782 | 1.6924 | 0.7008 |
| | 2.0119 | 1.6280 | 1.6998 | 1.5639 | 1.6267 | 1.5293 | 1.5121 | 3.2617 |
| 12 | 1.5423 | 1.3938 | 1.6720 | 1.5870 | 1.5884 | 1.6441 | 0.9478 | |
| | 1.6308 | 1.8164 | 1.5325 | 1.6272 | 1.6355 | 1.5690 | 2.4406 | |
| 13 | 1.4971 | 1.6915 | 1.6517 | 1.6754 | 1.6424 | 1.0336 | 0.5225 | |
| | 1.6833 | 1.5012 | 1.5507 | 1.5317 | 1.5705 | 2.4747 | 4.4396 | |
| 14 | 1.6503 | 1.6975 | 1.7215 | 1.6894 | 0.9469 | 0.5059 | | |
| | 1.5291 | 1.5014 | 1.4847 | 1.5147 | 2.4426 | 4.5452 | | |
| 15 | 0.7414 | 0.7758 | 0.7458 | 0.6994 | F-SUB-Q | | | |
| | 3.0402 | 2.9278 | 3.0535 | 3.2677 | 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 | 1.2484 | 1.2183 | 1.2664 | 1.2148 | 1.5095 | 1.4711 | 1.6181 | 0.7341 |
| | 2.0129 | 2.0524 | 1.9678 | 2.0477 | 1.6631 | 1.7105 | 1.5573 | 3.0722 |
| 9 | 1.2183 | 1.4939 | 1.2666 | 1.5255 | 1.3685 | 1.6643 | 1.6678 | 0.7704 |
| | 2.0524 | 1.6776 | 1.9753 | 1.6550 | 1.8425 | 1.5219 | 1.5235 | 2.9493 |
| 10 | 1.2664 | 1.2625 | 1.4877 | 1.4698 | 1.6412 | 1.6255 | 1.6913 | 0.7402 |
| | 1.9678 | 1.9814 | 1.7027 | 1.7235 | 1.5615 | 1.5699 | 1.5052 | 3.0664 |
| 11 | 1.2148 | 1.5203 | 1.4633 | 1.6154 | 1.5576 | 1.6453 | 1.6609 | 0.6951 |
| | 2.0477 | 1.6604 | 1.7307 | 1.5946 | 1.6555 | 1.5590 | 1.5398 | 3.2854 |
| 12 | 1.5095 | 1.3667 | 1.6385 | 1.5572 | 1.5589 | 1.6119 | 0.9429 | |
| | 1.6631 | 1.8447 | 1.5639 | 1.6560 | 1.6632 | 1.5974 | 2.4525 | |
| 13 | 1.4711 | 1.6623 | 1.6222 | 1.6425 | 1.6102 | 1.0224 | 0.5186 | |
| | 1.7105 | 1.5236 | 1.5730 | 1.5615 | 1.5990 | 2.4977 | 4.4740 | |
| 14 | 1.6181 | 1.6652 | 1.6884 | 1.6578 | 0.9418 | 0.5024 | | |
| | 1.5573 | 1.5256 | 1.5075 | 1.5425 | 2.4549 | 4.5783 | | |
| 15 | 0.7341 | 0.7699 | 0.7389 | 0.6936 | F-SUB-Q | | | |
| | 3.0722 | 2.9509 | 3.0716 | 3.2917 | 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 | 1.2467 | 1.2154 | 1.2715 | 1.2117 | 1.5201 | 1.4737 | 1.6318 | 0.7205 |
| | 1.8640 | 1.9076 | 1.8204 | 1.9129 | 1.5399 | 1.5922 | 1.4403 | 2.9247 |
| 9 | 1.2154 | 1.5017 | 1.2646 | 1.5334 | 1.3658 | 1.6723 | 1.6814 | 0.7545 |
| | 1.9076 | 1.5496 | 1.8375 | 1.5316 | 1.7187 | 1.4115 | 1.4065 | 2.8129 |
| 10 | 1.2715 | 1.2603 | 1.4884 | 1.4717 | 1.6519 | 1.6308 | 1.7057 | 0.7268 |
| | 1.8204 | 1.8434 | 1.5805 | 1.5993 | 1.4406 | 1.4547 | 1.3882 | 2.9098 |
| 11 | 1.2117 | 1.5280 | 1.4651 | 1.6254 | 1.5599 | 1.6586 | 1.6723 | 0.6796 |
| | 1.9129 | 1.5367 | 1.6061 | 1.4738 | 1.5368 | 1.4353 | 1.4192 | 3.1235 |
| 12 | 1.5201 | 1.3640 | 1.6491 | 1.5595 | 1.5615 | 1.6218 | 0.9223 | |
| | 1.5399 | 1.7207 | 1.4429 | 1.5373 | 1.5399 | 1.4759 | 2.3327 | |
| 13 | 1.4737 | 1.6701 | 1.6273 | 1.6557 | 1.6201 | 1.0078 | 0.5065 | |
| | 1.5922 | 1.4131 | 1.4577 | 1.4377 | 1.4774 | 2.3567 | 4.2676 | |
| 14 | 1.6318 | 1.6787 | 1.7027 | 1.6691 | 0.9214 | 0.4896 | | |
| | 1.4403 | 1.4087 | 1.3904 | 1.4218 | 2.3345 | 4.3762 | | |
| 15 | 0.7205 | 0.7541 | 0.7254 | 0.6782 | F-SUB-Q | | | |
| | 2.9247 | 2.8144 | 2.9149 | 3.1296 | 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 | 1.2358 | 1.2039 | 1.2605 | 1.2004 | 1.5089 | 1.4629 | 1.6204 | 0.7121 |
| | 1.7580 | 1.8042 | 1.7255 | 1.8179 | 1.4605 | 1.5101 | 1.3654 | 2.7913 |
| 9 | 1.2039 | 1.4898 | 1.2537 | 1.5214 | 1.3537 | 1.6617 | 1.6697 | 0.7459 |
| | 1.8042 | 1.4665 | 1.7414 | 1.4512 | 1.6310 | 1.3361 | 1.3315 | 2.6831 |
| 10 | 1.2605 | 1.2494 | 1.4771 | 1.4606 | 1.6390 | 1.6190 | 1.6936 | 0.7183 |
| | 1.7255 | 1.7471 | 1.4957 | 1.5135 | 1.3613 | 1.3763 | 1.3134 | 2.7716 |
| 11 | 1.2004 | 1.5160 | 1.4540 | 1.6129 | 1.5474 | 1.6460 | 1.6585 | 0.6712 |
| | 1.8179 | 1.4561 | 1.5201 | 1.3889 | 1.4484 | 1.3552 | 1.3412 | 2.9730 |
| 12 | 1.5089 | 1.3520 | 1.6361 | 1.5469 | 1.5488 | 1.6081 | 0.9115 | |
| | 1.4605 | 1.6330 | 1.3635 | 1.4488 | 1.4489 | 1.3909 | 2.2097 | |
| 13 | 1.4629 | 1.6596 | 1.6154 | 1.6431 | 1.6064 | 0.9966 | 0.5000 | |
| | 1.5101 | 1.3377 | 1.3792 | 1.3575 | 1.3923 | 2.2278 | 4.0464 | |
| 14 | 1.6204 | 1.6669 | 1.6906 | 1.6552 | 0.9105 | 0.4832 | | |
| | 1.3654 | 1.3336 | 1.3156 | 1.3437 | 2.2115 | 4.1510 | | |
| 15 | 0.7121 | 0.7455 | 0.7169 | 0.6698 | F-SUB-Q | | | |
| | 2.7913 | 2.6847 | 2.7766 | 2.9790 | 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 | 1.2131 | 1.1819 | 1.2297 | 1.1796 | 1.4706 | 1.4352 | 1.5773 | 0.7093 |
| | 1.6979 | 1.7434 | 1.6801 | 1.7588 | 1.4243 | 1.4627 | 1.3328 | 2.6682 |
| 9 | 1.1819 | 1.4533 | 1.2319 | 1.4847 | 1.3305 | 1.6279 | 1.6258 | 0.7448 |
| | 1.7434 | 1.4271 | 1.6829 | 1.4123 | 1.5765 | 1.2949 | 1.2978 | 2.5582 |
| 10 | 1.2297 | 1.2277 | 1.4509 | 1.4337 | 1.5964 | 1.5863 | 1.6483 | 0.7148 |
| | 1.6801 | 1.6884 | 1.4450 | 1.4634 | 1.3249 | 1.3325 | 1.2802 | 2.6481 |
| 11 | 1.1796 | 1.4794 | 1.4272 | 1.5723 | 1.5170 | 1.6009 | 1.6125 | 0.6699 |
| | 1.7588 | 1.4171 | 1.4698 | 1.3489 | 1.3985 | 1.3200 | 1.3069 | 2.8302 |
| 12 | 1.4706 | 1.3287 | 1.5936 | 1.5165 | 1.5174 | 1.5648 | 0.9107 | |
| | 1.4243 | 1.5784 | 1.3270 | 1.3988 | 1.3987 | 1.3521 | 2.0955 | |
| 13 | 1.4352 | 1.6258 | 1.5827 | 1.5980 | 1.5631 | 0.9874 | 0.4995 | |
| | 1.4627 | 1.2965 | 1.3353 | 1.3223 | 1.3535 | 2.1273 | 3.8392 | |
| 14 | 1.5773 | 1.6231 | 1.6453 | 1.6093 | 0.9095 | 0.4835 | | |
| | 1.3328 | 1.2999 | 1.2824 | 1.3093 | 2.0978 | 3.9322 | | |
| 15 | 0.7093 | 0.7443 | 0.7135 | 0.6684 | F-SUB-Q | | | |
| | 2.6682 | 2.5596 | 2.6528 | 2.8359 | 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 | 1.2118 | 1.1813 | 1.2335 | 1.1858 | 1.4697 | 1.4331 | 1.5720 | 0.7000 |
| | 1.6292 | 1.6722 | 1.6065 | 1.6783 | 1.3666 | 1.4042 | 1.2818 | 2.5963 |
| 9 | 1.1813 | 1.4535 | 1.2339 | 1.4857 | 1.3315 | 1.6245 | 1.6186 | 0.7331 |
| | 1.6722 | 1.3678 | 1.6110 | 1.3528 | 1.5102 | 1.2429 | 1.2486 | 2.4958 |
| 10 | 1.2335 | 1.2298 | 1.4535 | 1.4367 | 1.5912 | 1.5837 | 1.6412 | 0.7036 |
| | 1.6065 | 1.6162 | 1.3822 | 1.3991 | 1.2724 | 1.2777 | 1.2310 | 2.5818 |
| 11 | 1.1858 | 1.4806 | 1.4303 | 1.5674 | 1.5154 | 1.5950 | 1.6011 | 0.6567 |
| | 1.6783 | 1.3573 | 1.4052 | 1.2947 | 1.3389 | 1.2675 | 1.2593 | 2.7693 |
| 12 | 1.4697 | 1.3298 | 1.5884 | 1.5150 | 1.5148 | 1.5559 | 0.8915 | |
| | 1.3666 | 1.5120 | 1.2745 | 1.3393 | 1.3398 | 1.3004 | 2.0499 | |
| 13 | 1.4331 | 1.6224 | 1.5801 | 1.5921 | 1.5542 | 0.9699 | 0.4897 | |
| | 1.4042 | 1.2444 | 1.2804 | 1.2697 | 1.3017 | 2.0725 | 3.7534 | |
| 14 | 1.5720 | 1.6159 | 1.6383 | 1.5980 | 0.8903 | 0.4734 | | |
| | 1.2818 | 1.2505 | 1.2331 | 1.2616 | 2.0521 | 3.8494 | | |
| 15 | 0.7000 | 0.7327 | 0.7023 | 0.6553 | F-SUB-Q | | | |
| | 2.5963 | 2.4972 | 2.5864 | 2.7749 | 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 | 1.1618 | 1.1457 | 1.2184 | 1.1803 | 1.4146 | 1.3859 | 1.5145 | 0.6963 |
| | 1.6445 | 1.6682 | 1.5729 | 1.6309 | 1.3727 | 1.4037 | 1.2856 | 2.5280 |
| 9 | 1.1457 | 1.4061 | 1.1982 | 1.4520 | 1.2960 | 1.5601 | 1.5537 | 0.7275 |
| | 1.6682 | 1.3672 | 1.6040 | 1.3378 | 1.5002 | 1.2499 | 1.2563 | 2.4358 |
| 10 | 1.2184 | 1.1951 | 1.3998 | 1.4087 | 1.5385 | 1.5246 | 1.5746 | 0.6936 |
| | 1.5729 | 1.6080 | 1.3876 | 1.3789 | 1.2706 | 1.2815 | 1.2391 | 2.5362 |
| 11 | 1.1803 | 1.4472 | 1.4026 | 1.5058 | 1.4663 | 1.5369 | 1.5453 | 0.6417 |
| | 1.6309 | 1.3421 | 1.3847 | 1.3011 | 1.3357 | 1.2699 | 1.2591 | 2.7448 |
| 12 | 1.4146 | 1.2943 | 1.5359 | 1.4659 | 1.4538 | 1.4989 | 0.8829 | |
| | 1.3727 | 1.5020 | 1.2727 | 1.3360 | 1.3476 | 1.3028 | 2.0010 | |
| 13 | 1.3859 | 1.5580 | 1.5213 | 1.5343 | 1.4973 | 0.9411 | 0.4792 | |
| | 1.4037 | 1.2514 | 1.2842 | 1.2721 | 1.3042 | 2.0646 | 3.7160 | |
| 14 | 1.5145 | 1.5512 | 1.5718 | 1.5423 | 0.8816 | 0.4629 | | |
| | 1.2856 | 1.2582 | 1.2412 | 1.2614 | 2.0036 | 3.8134 | | |
| 15 | 0.6963 | 0.7271 | 0.6924 | 0.6403 | F-SUB-Q | | | |
| | 2.5280 | 2.4371 | 2.5406 | 2.7503 | 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 | 0.9744 | 1.0159 | 1.3146 | 1.0683 | 1.4374 | 1.1821 | 1.4631 | 0.6426 |
| | 1.9108 | 1.8342 | 1.4199 | 1.7556 | 1.3105 | 1.6013 | 1.2924 | 2.6738 |
| 9 | 1.0159 | 1.3349 | 1.0376 | 1.3757 | 1.1328 | 1.3429 | 1.4929 | 0.6698 |
| | 1.8342 | 1.4011 | 1.8049 | 1.3705 | 1.6658 | 1.4113 | 1.2686 | 2.5824 |
| 10 | 1.3146 | 1.0330 | 1.1868 | 1.2552 | 1.4490 | 1.2971 | 1.4763 | 0.6199 |
| | 1.4199 | 1.8076 | 1.5925 | 1.5056 | 1.3103 | 1.4647 | 1.2834 | 2.7696 |
| 11 | 1.0683 | 1.3690 | 1.2501 | 1.4362 | 1.2918 | 1.5149 | 1.3933 | 0.5690 |
| | 1.7556 | 1.3770 | 1.5116 | 1.3228 | 1.4722 | 1.2513 | 1.3580 | 3.0214 |
| 12 | 1.4374 | 1.1308 | 1.4464 | 1.2906 | 1.2027 | 1.4053 | 0.8165 | |
| | 1.3105 | 1.6686 | 1.3126 | 1.4735 | 1.5837 | 1.3489 | 2.1089 | |
| 13 | 1.1821 | 1.3413 | 1.2943 | 1.5125 | 1.4035 | 0.8339 | 0.4250 | |
| | 1.6013 | 1.4130 | 1.4677 | 1.2532 | 1.3505 | 2.2704 | 4.0931 | |
| 14 | 1.4631 | 1.4909 | 1.4738 | 1.3906 | 0.8145 | 0.4111 | | |
| | 1.2924 | 1.2703 | 1.2855 | 1.3605 | 2.1137 | 4.1953 | | |
| 15 | 0.6426 | 0.6692 | 0.6188 | 0.5678 | F-SUB-Q | | | |
| | 2.6738 | 2.5846 | 2.7744 | 3.0273 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.4258 | 0.4575 | 0.5465 | 0.4857 | 0.5837 | 0.4994 | 0.5467 | 0.2820 |
| | 4.2698 | 3.9774 | 3.3294 | 3.7688 | 3.1416 | 3.6872 | 3.3714 | 5.9593 |
| 9 | 0.4575 | 0.5333 | 0.4696 | 0.5734 | 0.5123 | 0.5326 | 0.5533 | 0.2903 |
| | 3.9774 | 3.4126 | 3.8895 | 3.2023 | 3.5930 | 3.4658 | 3.3334 | 5.8248 |
| 10 | 0.5465 | 0.4684 | 0.4869 | 0.5402 | 0.6003 | 0.5299 | 0.5457 | 0.2729 |
| | 3.3294 | 3.8993 | 3.7784 | 3.4083 | 3.0729 | 3.4877 | 3.3830 | 6.1536 |
| 11 | 0.4857 | 0.5715 | 0.5382 | 0.5960 | 0.5372 | 0.5949 | 0.5125 | 0.2439 |
| | 3.7688 | 3.2126 | 3.4206 | 3.0977 | 3.4428 | 3.1057 | 3.6005 | 6.8955 |
| 12 | 0.5837 | 0.5113 | 0.5991 | 0.5365 | 0.4812 | 0.5243 | 0.3551 | |
| | 3.1416 | 3.5997 | 3.0788 | 3.4468 | 3.8513 | 3.5245 | 4.7360 | |
| 13 | 0.4994 | 0.5320 | 0.5289 | 0.5940 | 0.5237 | 0.3697 | 0.1863 | |
| | 3.6872 | 3.4697 | 3.4946 | 3.1105 | 3.5287 | 4.9983 | 9.1467 | |
| 14 | 0.5467 | 0.5527 | 0.5448 | 0.5115 | 0.3542 | 0.1832 | | |
| | 3.3714 | 3.3363 | 3.3885 | 3.6071 | 4.7475 | 9.2227 | | |
| 15 | 0.2820 | 0.2902 | 0.2725 | 0.2434 | F-SUB-Q | | | |
| | 5.9593 | 5.8278 | 6.1623 | 6.9087 | 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 | 0.5420 | 0.6202 | 0.7394 | 0.6619 | 0.7719 | 0.6564 | 0.6898 | 0.3694 |
| | 4.8989 | 4.8236 | 3.8514 | 4.1494 | 3.5265 | 4.1457 | 3.9537 | 6.6582 |
| 9 | 0.6202 | 0.7137 | 0.6416 | 0.7657 | 0.6903 | 0.6748 | 0.6958 | 0.3800 |
| | 4.8236 | 4.1837 | 4.4399 | 3.6707 | 4.0399 | 4.0761 | 3.9447 | 6.5329 |
| 10 | 0.7394 | 0.6403 | 0.6620 | 0.7158 | 0.7784 | 0.6857 | 0.6816 | 0.3534 |
| | 3.8514 | 4.4479 | 4.4138 | 4.0066 | 3.6781 | 4.1268 | 4.0815 | 7.0291 |
| 11 | 0.6619 | 0.7640 | 0.7141 | 0.7699 | 0.6941 | 0.7414 | 0.6372 | 0.3162 |
| | 4.1494 | 3.6769 | 4.0161 | 3.8636 | 4.2714 | 3.9700 | 4.5555 | 8.0993 |
| 12 | 0.7719 | 0.6891 | 0.7774 | 0.6934 | 0.5877 | 0.6259 | 0.4501 | |
| | 3.5265 | 4.0424 | 3.6835 | 4.2743 | 4.6987 | 4.4088 | 5.8482 | |
| 13 | 0.6564 | 0.6745 | 0.6850 | 0.7408 | 0.6253 | 0.4462 | 0.2407 | |
| | 4.1457 | 4.0785 | 4.1310 | 3.9734 | 4.4123 | 6.0123 | *10.7418 | |
| 14 | 0.6898 | 0.6956 | 0.6811 | 0.6366 | 0.4494 | 0.2341 | | |
| | 3.9537 | 3.9462 | 4.0847 | 4.5601 | 5.8565 | *10.9520 | | |
| 15 | 0.3694 | 0.3799 | 0.3532 | 0.3159 | F-SUB-Q | | | |
| | 6.6582 | 6.5344 | 7.0342 | 8.1079 | 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 | 1.2508 | 1.3471 | 1.6857 | 1.4151 | 1.7854 | 1.4812 | 1.7363 | 0.8439 |
| | 2.3571 | 2.3151 | 1.7478 | 2.0150 | 1.5794 | 1.9032 | 1.6307 | 3.0267 |
| 9 | 1.3471 | 1.6961 | 1.3773 | 1.7335 | 1.4797 | 1.6248 | 1.7596 | 0.8708 |
| | 2.3151 | 1.8221 | 2.1497 | 1.6822 | 1.9479 | 1.7443 | 1.6104 | 2.9546 |
| 10 | 1.6857 | 1.3715 | 1.5505 | 1.5903 | 1.7704 | 1.6125 | 1.7339 | 0.8059 |
| | 1.7478 | 2.1541 | 1.9554 | 1.8685 | 1.6945 | 1.8186 | 1.6631 | 3.1910 |
| 11 | 1.4151 | 1.7279 | 1.5862 | 1.7595 | 1.6076 | 1.7848 | 1.6265 | 0.7386 |
| | 2.0150 | 1.6848 | 1.8735 | 1.7483 | 1.9022 | 1.7050 | 1.8733 | 3.6008 |
| 12 | 1.7854 | 1.4779 | 1.7683 | 1.6064 | 1.4375 | 1.6344 | 1.0304 | |
| | 1.5794 | 1.9486 | 1.6966 | 1.9035 | 2.0019 | 1.7928 | 2.6459 | |
| 13 | 1.4812 | 1.6240 | 1.6112 | 1.7834 | 1.6331 | 1.0225 | 0.5537 | |
| | 1.9032 | 1.7451 | 1.8202 | 1.7064 | 1.7942 | 2.8011 | 4.8522 | |
| 14 | 1.7363 | 1.7587 | 1.7328 | 1.6249 | 1.0288 | 0.5377 | | |
| | 1.6307 | 1.6110 | 1.6643 | 1.8751 | 2.6498 | 4.9545 | | |
| 15 | 0.8439 | 0.8705 | 0.8053 | 0.7378 | F-SUB-Q | | | |
| | 3.0267 | 2.9557 | 3.1933 | 3.6043 | 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 | 1.5147 | 1.5114 | 1.5418 | 1.5538 | 1.7285 | 1.7132 | 1.7820 | 0.9295 |
| | 2.0742 | 2.0973 | 1.9710 | 1.8845 | 1.6751 | 1.6818 | 1.6127 | 2.7821 |
| 9 | 1.5114 | 1.7680 | 1.5767 | 1.7968 | 1.6785 | 1.8779 | 1.8207 | 0.9607 |
| | 2.0973 | 1.7684 | 1.9265 | 1.6757 | 1.7481 | 1.5465 | 1.5925 | 2.7147 |
| 10 | 1.5418 | 1.5725 | 1.8072 | 1.7666 | 1.8375 | 1.8637 | 1.8395 | 0.9099 |
| | 1.9710 | 1.9360 | 1.7004 | 1.7233 | 1.6263 | 1.6082 | 1.6052 | 2.8956 |
| 11 | 1.5538 | 1.7929 | 1.7620 | 1.8193 | 1.8169 | 1.8082 | 1.7958 | 0.8467 |
| | 1.8845 | 1.6793 | 1.7283 | 1.7185 | 1.7133 | 1.7362 | 1.7389 | 3.2244 |
| 12 | 1.7285 | 1.6773 | 1.8359 | 1.8155 | 1.7847 | 1.7627 | 1.1393 | |
| | 1.6751 | 1.7488 | 1.6278 | 1.7138 | 1.7142 | 1.7337 | 2.4604 | |
| 13 | 1.7132 | 1.8767 | 1.8624 | 1.8066 | 1.7616 | 1.1895 | 0.6355 | |
| | 1.6818 | 1.5472 | 1.6093 | 1.7376 | 1.7349 | 2.5221 | 4.3617 | |
| 14 | 1.7820 | 1.8196 | 1.8384 | 1.7942 | 1.1379 | 0.6216 | | |
| | 1.6127 | 1.5933 | 1.6063 | 1.7407 | 2.4633 | 4.4208 | | |
| 15 | 0.9295 | 0.9606 | 0.9091 | 0.8458 | F-SUB-Q | | | |
| | 2.7821 | 2.7152 | 2.8978 | 3.2275 | 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 | 1.6034 | 1.5812 | 1.5927 | 1.5818 | 1.8342 | 1.8014 | 1.8982 | 0.9331 |
| | 2.0243 | 2.0685 | 1.9819 | 1.9032 | 1.6179 | 1.6387 | 1.5488 | 2.8323 |
| 9 | 1.5812 | 1.8667 | 1.6435 | 1.8784 | 1.7530 | 1.9997 | 1.9480 | 0.9671 |
| | 2.0685 | 1.7146 | 1.9038 | 1.6487 | 1.7211 | 1.4848 | 1.5288 | 2.7586 |
| 10 | 1.5927 | 1.6398 | 1.9076 | 1.8364 | 1.9536 | 1.9776 | 1.9706 | 0.9234 |
| | 1.9819 | 1.9143 | 1.6522 | 1.7051 | 1.5717 | 1.5528 | 1.5383 | 2.9442 |
| 11 | 1.5818 | 1.8740 | 1.8312 | 1.9323 | 1.9186 | 1.9307 | 1.9145 | 0.8634 |
| | 1.9032 | 1.6526 | 1.7106 | 1.6572 | 1.6679 | 1.6743 | 1.6797 | 3.2538 |
| 12 | 1.8342 | 1.7516 | 1.9518 | 1.9180 | 1.9086 | 1.8881 | 1.1513 | |
| | 1.6179 | 1.7219 | 1.5732 | 1.6684 | 1.6566 | 1.6735 | 2.5126 | |
| 13 | 1.8014 | 1.9985 | 1.9762 | 1.9290 | 1.8868 | 1.2428 | 0.6462 | |
| | 1.6387 | 1.4854 | 1.5538 | 1.6757 | 1.6747 | 2.5027 | 4.4344 | |
| 14 | 1.8982 | 1.9468 | 1.9693 | 1.9126 | 1.1503 | 0.6318 | | |
| | 1.5488 | 1.5296 | 1.5393 | 1.6815 | 2.5145 | 4.4968 | | |
| 15 | 0.9331 | 0.9669 | 0.9226 | 0.8624 | F-SUB-Q | | | |
| | 2.8323 | 2.7591 | 2.9469 | 3.2571 | 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 | 1.5956 | 1.5700 | 1.5889 | 1.5619 | 1.8452 | 1.8004 | 1.9226 | 0.9263 |
| | 2.1091 | 2.1589 | 2.0658 | 1.9928 | 1.6599 | 1.6904 | 1.5789 | 2.9470 |
| 9 | 1.5700 | 1.8694 | 1.6290 | 1.8844 | 1.7440 | 2.0134 | 1.9773 | 0.9642 |
| | 2.1589 | 1.7745 | 1.9909 | 1.6997 | 1.7868 | 1.5210 | 1.5573 | 2.8586 |
| 10 | 1.5889 | 1.6251 | 1.8995 | 1.8329 | 1.9724 | 1.9861 | 2.0007 | 0.9214 |
| | 2.0658 | 2.0028 | 1.7180 | 1.7683 | 1.6073 | 1.5890 | 1.5612 | 3.0431 |
| 11 | 1.5619 | 1.8797 | 1.8273 | 1.9562 | 1.9274 | 1.9582 | 1.9489 | 0.8642 |
| | 1.9928 | 1.7039 | 1.7741 | 1.6964 | 1.7203 | 1.7094 | 1.6961 | 3.3409 |
| 12 | 1.8452 | 1.7426 | 1.9705 | 1.9267 | 1.9197 | 1.9191 | 1.1557 | |
| | 1.6599 | 1.7877 | 1.6090 | 1.7208 | 1.7081 | 1.7079 | 2.5969 | |
| 13 | 1.8004 | 2.0120 | 1.9846 | 1.9564 | 1.9178 | 1.2545 | 0.6444 | |
| | 1.6904 | 1.5217 | 1.5901 | 1.7108 | 1.7091 | 2.5763 | 4.6228 | |
| 14 | 1.9226 | 1.9759 | 1.9993 | 1.9468 | 1.1548 | 0.6301 | | |
| | 1.5789 | 1.5581 | 1.5623 | 1.6980 | 2.5987 | 4.6871 | | |
| 15 | 0.9263 | 0.9640 | 0.9205 | 0.8632 | F-SUB-Q | | | |
| | 2.9470 | 2.8592 | 3.0461 | 3.3444 | 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 | 1.5605 | 1.5346 | 1.5588 | 1.5273 | 1.8199 | 1.7724 | 1.9065 | 0.9142 |
| | 2.2357 | 2.2883 | 2.1789 | 2.1068 | 1.7361 | 1.7641 | 1.6405 | 3.0814 |
| 9 | 1.5346 | 1.8353 | 1.5924 | 1.8570 | 1.7110 | 1.9902 | 1.9634 | 0.9530 |
| | 2.2883 | 1.8736 | 2.1075 | 1.7829 | 1.8820 | 1.5835 | 1.6161 | 2.9831 |
| 10 | 1.5588 | 1.5884 | 1.8607 | 1.8034 | 1.9561 | 1.9600 | 1.9874 | 0.9119 |
| | 2.1789 | 2.1207 | 1.8130 | 1.8587 | 1.6822 | 1.6600 | 1.6224 | 3.1749 |
| 11 | 1.5273 | 1.8522 | 1.7975 | 1.9377 | 1.9028 | 1.9442 | 1.9416 | 0.8566 |
| | 2.1068 | 1.7876 | 1.8649 | 1.7824 | 1.8131 | 1.7860 | 1.7649 | 3.4917 |
| 12 | 1.8199 | 1.7095 | 1.9541 | 1.9021 | 1.8956 | 1.9076 | 1.1504 | |
| | 1.7361 | 1.8829 | 1.6841 | 1.8138 | 1.8034 | 1.7928 | 2.7184 | |
| 13 | 1.7724 | 1.9887 | 1.9583 | 1.9422 | 1.9062 | 1.2461 | 0.6382 | |
| | 1.7641 | 1.5844 | 1.6613 | 1.7878 | 1.7941 | 2.7159 | 4.8894 | |
| 14 | 1.9065 | 1.9619 | 1.9859 | 1.9394 | 1.1495 | 0.6237 | | |
| | 1.6405 | 1.6170 | 1.6237 | 1.7670 | 2.7204 | 4.9605 | | |
| 15 | 0.9142 | 0.9528 | 0.9110 | 0.8556 | F-SUB-Q | | | |
| | 3.0814 | 2.9838 | 3.1782 | 3.4956 | 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 | 1.5314 | 1.5047 | 1.5378 | 1.5001 | 1.8051 | 1.7549 | 1.8995 | 0.8951 |
| | 2.3682 | 2.4198 | 2.3101 | 2.2442 | 1.8284 | 1.8586 | 1.7168 | 3.2784 |
| 9 | 1.5047 | 1.8119 | 1.5628 | 1.8389 | 1.6848 | 1.9749 | 1.9576 | 0.9339 |
| | 2.4198 | 1.9848 | 2.2457 | 1.8836 | 1.9991 | 1.6650 | 1.6924 | 3.1716 |
| 10 | 1.5378 | 1.5587 | 1.8315 | 1.7803 | 1.9470 | 1.9413 | 1.9824 | 0.8945 |
| | 2.3101 | 2.2604 | 1.9268 | 1.9704 | 1.7725 | 1.7491 | 1.6997 | 3.3823 |
| 11 | 1.5001 | 1.8339 | 1.7742 | 1.9266 | 1.8840 | 1.9379 | 1.9387 | 0.8399 |
| | 2.2442 | 1.8888 | 1.9773 | 1.8696 | 1.9091 | 1.8520 | 1.8423 | 3.7276 |
| 12 | 1.8051 | 1.6833 | 1.9448 | 1.8833 | 1.8780 | 1.9012 | 1.1294 | |
| | 1.8284 | 2.0001 | 1.7746 | 1.9098 | 1.9007 | 1.8787 | 2.8863 | |
| 13 | 1.7549 | 1.9731 | 1.9394 | 1.9358 | 1.8997 | 1.2282 | 0.6243 | |
| | 1.8586 | 1.6660 | 1.7508 | 1.8540 | 1.8801 | 2.8811 | 5.2262 | |
| 14 | 1.8995 | 1.9560 | 1.9806 | 1.9364 | 1.1285 | 0.6092 | | |
| | 1.7168 | 1.6934 | 1.7012 | 1.8445 | 2.8883 | 5.3099 | | |
| 15 | 0.8951 | 0.9337 | 0.8935 | 0.8389 | F-SUB-Q | | | |
| | 3.2784 | 3.1724 | 3.3859 | 3.7320 | 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 | 1.4930 | 1.4660 | 1.5034 | 1.4641 | 1.7732 | 1.7246 | 1.8727 | 0.8749 |
| | 2.5388 | 2.5976 | 2.5021 | 2.4353 | 1.9696 | 1.9994 | 1.8399 | 3.5411 |
| 9 | 1.4660 | 1.7724 | 1.5243 | 1.8041 | 1.6479 | 1.9434 | 1.9311 | 0.9134 |
| | 2.5976 | 2.1494 | 2.4395 | 2.0337 | 2.1644 | 1.7887 | 1.8142 | 3.4243 |
| 10 | 1.5034 | 1.5201 | 1.7897 | 1.7446 | 1.9177 | 1.9097 | 1.9562 | 0.8758 |
| | 2.5021 | 2.4560 | 2.0892 | 2.1308 | 1.9095 | 1.8816 | 1.8223 | 3.6538 |
| 11 | 1.4641 | 1.7990 | 1.7384 | 1.8959 | 1.8500 | 1.9110 | 1.9150 | 0.8225 |
| | 2.4353 | 2.0395 | 2.1386 | 1.9794 | 2.0264 | 1.9636 | 1.9512 | 4.0299 |
| 12 | 1.7732 | 1.6463 | 1.9155 | 1.8494 | 1.8449 | 1.8747 | 1.1077 | |
| | 1.9696 | 2.1655 | 1.9118 | 2.0271 | 2.0188 | 1.9872 | 3.0677 | |
| 13 | 1.7246 | 1.9416 | 1.9077 | 1.9088 | 1.8732 | 1.2050 | 0.6105 | |
| | 1.9994 | 1.7898 | 1.8836 | 1.9658 | 1.9888 | 3.0775 | 5.5891 | |
| 14 | 1.8727 | 1.9294 | 1.9543 | 1.9126 | 1.1068 | 0.5951 | | |
| | 1.8399 | 1.8154 | 1.8241 | 1.9537 | 3.0697 | 5.6852 | | |
| 15 | 0.8749 | 0.9132 | 0.8748 | 0.8213 | F-SUB-Q | | | |
| | 3.5411 | 3.4252 | 3.6580 | 4.0350 | 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 | 1.4585 | 1.4310 | 1.4740 | 1.4316 | 1.7460 | 1.6960 | 1.8490 | 0.8537 |
| | 2.7764 | 2.8348 | 2.7261 | 2.6518 | 2.1244 | 2.1571 | 1.9767 | 3.8319 |
| 9 | 1.4310 | 1.7385 | 1.4895 | 1.7736 | 1.6142 | 1.9144 | 1.9072 | 0.8902 |
| | 2.8348 | 2.3174 | 2.6725 | 2.2075 | 2.3484 | 1.9281 | 1.9503 | 3.7104 |
| 10 | 1.4740 | 1.4852 | 1.7527 | 1.7118 | 1.8913 | 1.8798 | 1.9323 | 0.8554 |
| | 2.7261 | 2.6908 | 2.2857 | 2.3209 | 2.0634 | 2.0323 | 1.9597 | 3.9519 |
| 11 | 1.4316 | 1.7684 | 1.7055 | 1.8685 | 1.8182 | 1.8866 | 1.8921 | 0.8018 |
| | 2.6518 | 2.2139 | 2.3295 | 2.1328 | 2.1905 | 2.1088 | 2.0883 | 4.3696 |
| 12 | 1.7460 | 1.6125 | 1.8890 | 1.8176 | 1.8140 | 1.8502 | 1.0820 | |
| | 2.1244 | 2.3496 | 2.0660 | 2.1913 | 2.1855 | 2.1379 | 3.3302 | |
| 13 | 1.6960 | 1.9124 | 1.8776 | 1.8844 | 1.8486 | 1.1789 | 0.5954 | |
| | 2.1571 | 1.9295 | 2.0347 | 2.1114 | 2.1397 | 3.3370 | 6.0635 | |
| 14 | 1.8490 | 1.9053 | 1.9303 | 1.8896 | 1.0811 | 0.5796 | | |
| | 1.9767 | 1.9516 | 1.9617 | 2.0911 | 3.3324 | 6.1752 | | |
| 15 | 0.8537 | 0.8899 | 0.8543 | 0.8007 | F-SUB-Q | | | |
| | 3.8319 | 3.7115 | 3.9567 | 4.3753 | 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 | 1.4032 | 1.3763 | 1.4143 | 1.3790 | 1.6806 | 1.6413 | 1.7842 | 0.8356 |
| | 3.0934 | 3.1489 | 3.0095 | 2.9133 | 2.3294 | 2.3535 | 2.1630 | 4.1282 |
| 9 | 1.3763 | 1.6687 | 1.4339 | 1.7072 | 1.5578 | 1.8517 | 1.8419 | 0.8736 |
| | 3.1489 | 2.5794 | 2.9447 | 2.4317 | 2.5675 | 2.1037 | 2.1306 | 3.9824 |
| 10 | 1.4143 | 1.4297 | 1.6881 | 1.6525 | 1.8251 | 1.8185 | 1.8661 | 0.8382 |
| | 3.0095 | 2.9652 | 2.5196 | 2.5536 | 2.2594 | 2.2136 | 2.1368 | 4.2263 |
| 11 | 1.3790 | 1.7020 | 1.6462 | 1.8023 | 1.7571 | 1.8205 | 1.8292 | 0.7879 |
| | 2.9133 | 2.4387 | 2.5631 | 2.3735 | 2.4336 | 2.3261 | 2.3009 | 4.6479 |
| 12 | 1.6806 | 1.5562 | 1.8227 | 1.7564 | 1.7534 | 1.7867 | 1.0660 | |
| | 2.3294 | 2.5689 | 2.2623 | 2.4344 | 2.4383 | 2.3843 | 3.6185 | |
| 13 | 1.6413 | 1.8496 | 1.8161 | 1.8182 | 1.7851 | 1.1525 | 0.5855 | |
| | 2.3535 | 2.1054 | 2.2164 | 2.3291 | 2.3864 | 3.6770 | 6.6259 | |
| 14 | 1.7842 | 1.8399 | 1.8639 | 1.8266 | 1.0649 | 0.5702 | | |
| | 2.1630 | 2.1321 | 2.1390 | 2.3041 | 3.6216 | 6.7459 | | |
| 15 | 0.8356 | 0.8732 | 0.8371 | 0.7867 | F-SUB-Q | | | |
| | 4.1282 | 3.9837 | 4.2317 | 4.6543 | 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 | 1.3776 | 1.3498 | 1.3968 | 1.3542 | 1.6669 | 1.6210 | 1.7740 | 0.8104 |
| | 3.4035 | 3.4698 | 3.1933 | 3.1065 | 2.4624 | 2.4953 | 2.2754 | 4.4312 |
| 9 | 1.3498 | 1.6492 | 1.4078 | 1.6896 | 1.5319 | 1.8334 | 1.8311 | 0.8465 |
| | 3.4698 | 2.7714 | 3.1509 | 2.5752 | 2.7423 | 2.2265 | 2.2461 | 4.2840 |
| 10 | 1.3968 | 1.4036 | 1.6619 | 1.6291 | 1.8113 | 1.7986 | 1.8557 | 0.8137 |
| | 3.1933 | 3.1732 | 2.6910 | 2.7166 | 2.3954 | 2.3546 | 2.2585 | 4.5662 |
| 11 | 1.3542 | 1.6844 | 1.6228 | 1.7875 | 1.7345 | 1.8092 | 1.8178 | 0.7634 |
| | 3.1065 | 2.5825 | 2.7270 | 2.5778 | 2.6571 | 2.5295 | 2.4664 | 5.0372 |
| 12 | 1.6669 | 1.5302 | 1.8088 | 1.7339 | 1.7318 | 1.7737 | 1.0318 | |
| | 2.4624 | 2.7437 | 2.3987 | 2.6580 | 2.6570 | 2.5835 | 4.0239 | |
| 13 | 1.6210 | 1.8311 | 1.7960 | 1.8068 | 1.7720 | 1.1239 | 0.5659 | |
| | 2.4953 | 2.2283 | 2.3578 | 2.5328 | 2.5857 | 4.0641 | 7.3654 | |
| 14 | 1.7740 | 1.8289 | 1.8533 | 1.8150 | 1.0308 | 0.5500 | | |
| | 2.2753 | 2.2478 | 2.2611 | 2.4700 | 4.0268 | 7.5132 | | |
| 15 | 0.8104 | 0.8461 | 0.8125 | 0.7622 | F-SUB-Q | | | |
| | 4.4312 | 4.2855 | 4.5721 | 5.0444 | 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 | 1.3384 | 1.3106 | 1.3592 | 1.3164 | 1.6276 | 1.5831 | 1.7360 | 0.7889 |
| | 3.5498 | 3.6137 | 3.4653 | 3.3728 | 2.6613 | 2.6951 | 2.4515 | 4.7849 |
| 9 | 1.3106 | 1.6056 | 1.3681 | 1.6478 | 1.4910 | 1.7921 | 1.7922 | 0.8248 |
| | 3.6137 | 2.9437 | 3.4303 | 2.7901 | 2.9738 | 2.4022 | 2.4204 | 4.6217 |
| 10 | 1.3592 | 1.3640 | 1.6169 | 1.5882 | 1.7707 | 1.7575 | 1.8166 | 0.7930 |
| | 3.4653 | 3.4550 | 2.9283 | 2.9477 | 2.5903 | 2.5438 | 2.4337 | 4.9260 |
| 11 | 1.3164 | 1.6426 | 1.5818 | 1.7463 | 1.6923 | 1.7701 | 1.7801 | 0.7441 |
| | 3.3728 | 2.7977 | 2.9591 | 2.7402 | 2.8283 | 2.6838 | 2.6623 | 5.4448 |
| 12 | 1.6276 | 1.4893 | 1.7681 | 1.6917 | 1.6901 | 1.7349 | 1.0065 | |
| | 2.6613 | 2.9755 | 2.5939 | 2.8293 | 2.8427 | 2.7606 | 4.3122 | |
| 13 | 1.5831 | 1.7896 | 1.7547 | 1.7676 | 1.7332 | 1.0962 | 0.5512 | |
| | 2.6951 | 2.4043 | 2.5475 | 2.6878 | 2.7633 | 4.3750 | 7.9753 | |
| 14 | 1.7360 | 1.7900 | 1.8142 | 1.7772 | 1.0055 | 0.5353 | | |
| | 2.4515 | 2.4223 | 2.4366 | 2.6662 | 4.3158 | 8.1416 | | |
| 15 | 0.7889 | 0.8245 | 0.7918 | 0.7428 | F-SUB-Q | | | |
| | 4.7849 | 4.6234 | 4.9325 | 5.4528 | 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 | 1.2882 | 1.2611 | 1.3056 | 1.2682 | 1.5673 | 1.5316 | 1.6758 | 0.7698 |
| | 3.5842 | 3.6494 | 3.4716 | 3.3877 | 2.7049 | 2.7472 | 2.5169 | 4.8944 |
| 9 | 1.2611 | 1.5426 | 1.3173 | 1.5866 | 1.4386 | 1.7332 | 1.7312 | 0.8062 |
| | 3.6494 | 2.9775 | 3.4235 | 2.8255 | 3.0098 | 2.4618 | 2.4915 | 4.7204 |
| 10 | 1.3056 | 1.3133 | 1.5577 | 1.5328 | 1.7087 | 1.6992 | 1.7545 | 0.7743 |
| | 3.4716 | 3.4484 | 2.9447 | 2.9758 | 2.6497 | 2.6224 | 2.5198 | 5.0693 |
| 11 | 1.2682 | 1.5814 | 1.5265 | 1.6845 | 1.6345 | 1.7083 | 1.7204 | 0.7274 |
| | 3.3877 | 2.8346 | 2.9881 | 2.7661 | 2.8510 | 2.7060 | 2.6848 | 5.6492 |
| 12 | 1.5673 | 1.4368 | 1.7061 | 1.6339 | 1.6333 | 1.6751 | 0.9871 | |
| | 2.7049 | 3.0118 | 2.6540 | 2.8520 | 2.8653 | 2.7851 | 4.2808 | |
| 13 | 1.5316 | 1.7306 | 1.6963 | 1.7057 | 1.6734 | 1.0685 | 0.5397 | |
| | 2.7472 | 2.4642 | 2.6274 | 2.7103 | 2.7879 | 4.3729 | 7.9317 | |
| 14 | 1.6758 | 1.7288 | 1.7519 | 1.7176 | 0.9859 | 0.5242 | | |
| | 2.5169 | 2.4939 | 2.5234 | 2.6894 | 4.2853 | 8.0957 | | |
| 15 | 0.7698 | 0.8058 | 0.7731 | 0.7261 | F-SUB-Q | | | |
| | 4.8944 | 4.7227 | 5.0763 | 5.6594 | 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 | 1.2617 | 1.2340 | 1.2855 | 1.2416 | 1.5494 | 1.5081 | 1.6607 | 0.7443 |
| | 3.4465 | 3.5013 | 3.2844 | 3.2281 | 2.5562 | 2.6069 | 2.3738 | 4.7305 |
| 9 | 1.2340 | 1.5204 | 1.2902 | 1.5653 | 1.4098 | 1.7106 | 1.7154 | 0.7787 |
| | 3.5013 | 2.8385 | 3.2543 | 2.6717 | 2.8691 | 2.3305 | 2.3510 | 4.5696 |
| 10 | 1.2855 | 1.2861 | 1.5287 | 1.5069 | 1.6902 | 1.6757 | 1.7394 | 0.7497 |
| | 3.2844 | 3.2787 | 2.7943 | 2.8222 | 2.5037 | 2.4848 | 2.3751 | 4.9055 |
| 11 | 1.2416 | 1.5601 | 1.5005 | 1.6653 | 1.6085 | 1.6926 | 1.7043 | 0.7027 |
| | 3.2281 | 2.6804 | 2.8342 | 2.6712 | 2.7695 | 2.6131 | 2.5884 | 5.4634 |
| 12 | 1.5494 | 1.4081 | 1.6875 | 1.6080 | 1.6081 | 1.6574 | 0.9530 | |
| | 2.5562 | 2.8712 | 2.5080 | 2.7704 | 2.7875 | 2.6862 | 4.1954 | |
| 13 | 1.5081 | 1.7079 | 1.6726 | 1.6899 | 1.6557 | 1.0390 | 0.5203 | |
| | 2.6069 | 2.3329 | 2.4897 | 2.6172 | 2.6888 | 4.2564 | 7.7054 | |
| 14 | 1.6607 | 1.7129 | 1.7366 | 1.7013 | 0.9520 | 0.5044 | | |
| | 2.3738 | 2.3534 | 2.3787 | 2.5928 | 4.1991 | 7.8794 | | |
| 15 | 0.7443 | 0.7783 | 0.7485 | 0.7013 | F-SUB-Q | | | |
| | 4.7305 | 4.5719 | 4.9138 | 5.4739 | 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 | 1.2275 | 1.1997 | 1.2531 | 1.2079 | 1.5147 | 1.4743 | 1.6278 | 0.7225 |
| | 3.1296 | 3.1834 | 3.0338 | 3.0355 | 2.4172 | 2.4742 | 2.2477 | 4.4848 |
| 9 | 1.1997 | 1.4829 | 1.2552 | 1.5286 | 1.3728 | 1.6741 | 1.6818 | 0.7559 |
| | 3.1834 | 2.5797 | 3.0426 | 2.5062 | 2.7203 | 2.2109 | 2.2262 | 4.3312 |
| 10 | 1.2531 | 1.2510 | 1.4890 | 1.4699 | 1.6542 | 1.6387 | 1.7054 | 0.7284 |
| | 3.0338 | 3.0522 | 2.5966 | 2.6316 | 2.3618 | 2.3559 | 2.2445 | 4.6340 |
| 11 | 1.2079 | 1.5233 | 1.4635 | 1.6289 | 1.5702 | 1.6589 | 1.6709 | 0.6815 |
| | 3.0355 | 2.5144 | 2.6426 | 2.4212 | 2.5143 | 2.3623 | 2.3408 | 5.1347 |
| 12 | 1.5147 | 1.3710 | 1.6515 | 1.5697 | 1.5708 | 1.6229 | 0.9260 | |
| | 2.4172 | 2.7221 | 2.3659 | 2.5151 | 2.5311 | 2.4337 | 3.8293 | |
| 13 | 1.4743 | 1.6714 | 1.6354 | 1.6561 | 1.6212 | 1.0104 | 0.5047 | |
| | 2.4742 | 2.2133 | 2.3604 | 2.3662 | 2.4361 | 3.8859 | 7.0555 | |
| 14 | 1.6278 | 1.6792 | 1.7026 | 1.6679 | 0.9251 | 0.4887 | | |
| | 2.2477 | 2.2286 | 2.2479 | 2.3449 | 3.8326 | 7.2224 | | |
| 15 | 0.7225 | 0.7555 | 0.7271 | 0.6801 | F-SUB-Q | | | |
| | 4.4848 | 4.3335 | 4.6420 | 5.1446 | 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 | 1.1919 | 1.1644 | 1.2176 | 1.1728 | 1.4746 | 1.4363 | 1.5873 | 0.7040 |
| | 2.8650 | 2.9145 | 2.7438 | 2.7289 | 2.1702 | 2.2225 | 2.0169 | 4.0366 |
| 9 | 1.1644 | 1.4414 | 1.2189 | 1.4874 | 1.3339 | 1.6319 | 1.6402 | 0.7376 |
| | 2.9145 | 2.3503 | 2.7297 | 2.2456 | 2.4455 | 1.9848 | 1.9957 | 3.8918 |
| 10 | 1.2176 | 1.2148 | 1.4467 | 1.4304 | 1.6120 | 1.5967 | 1.6634 | 0.7104 |
| | 2.7438 | 2.7504 | 2.3487 | 2.3722 | 2.1160 | 2.1090 | 2.0087 | 4.1570 |
| 11 | 1.1728 | 1.4822 | 1.4240 | 1.5868 | 1.5285 | 1.6173 | 1.6299 | 0.6658 |
| | 2.7289 | 2.2532 | 2.3826 | 2.2207 | 2.3070 | 2.1584 | 2.1374 | 4.6026 |
| 12 | 1.4746 | 1.3321 | 1.6093 | 1.5280 | 1.5292 | 1.5820 | 0.9045 | |
| | 2.1702 | 2.4472 | 2.1197 | 2.3078 | 2.3252 | 2.2338 | 3.5038 | |
| 13 | 1.4363 | 1.6298 | 1.5933 | 1.6144 | 1.5803 | 0.9863 | 0.4923 | |
| | 2.2225 | 1.9870 | 2.1134 | 2.1621 | 2.2361 | 3.5666 | 6.4883 | |
| 14 | 1.5873 | 1.6375 | 1.6605 | 1.6268 | 0.9035 | 0.4766 | | |
| | 2.0169 | 1.9978 | 2.0120 | 2.1414 | 3.5072 | 6.6436 | | |
| 15 | 0.7040 | 0.7372 | 0.7091 | 0.6644 | F-SUB-Q | | | |
| | 4.0366 | 3.8939 | 4.1644 | 4.6119 | 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 | 1.1533 | 1.1264 | 1.1757 | 1.1351 | 1.4250 | 1.3932 | 1.5362 | 0.6892 |
| | 2.8299 | 2.8805 | 2.7045 | 2.6883 | 2.1436 | 2.1883 | 1.9908 | 3.9515 |
| 9 | 1.1264 | 1.3918 | 1.1793 | 1.4377 | 1.2919 | 1.5824 | 1.5879 | 0.7233 |
| | 2.8805 | 2.3209 | 2.6806 | 2.2106 | 2.4073 | 1.9525 | 1.9668 | 3.8000 |
| 10 | 1.1757 | 1.1753 | 1.3996 | 1.3855 | 1.5595 | 1.5474 | 1.6100 | 0.6954 |
| | 2.7045 | 2.7013 | 2.3048 | 2.3266 | 2.0838 | 2.0699 | 1.9760 | 4.0535 |
| 11 | 1.1351 | 1.4325 | 1.3793 | 1.5346 | 1.4803 | 1.5648 | 1.5787 | 0.6525 |
| | 2.6883 | 2.2182 | 2.3369 | 2.2022 | 2.2835 | 2.1383 | 2.1156 | 4.4712 |
| 12 | 1.4250 | 1.2901 | 1.5567 | 1.4798 | 1.4814 | 1.5309 | 0.8888 | |
| | 2.1436 | 2.4091 | 2.0877 | 2.2843 | 2.3014 | 2.2139 | 3.4216 | |
| 13 | 1.3932 | 1.5803 | 1.5440 | 1.5620 | 1.5293 | 0.9636 | 0.4830 | |
| | 2.1883 | 1.9548 | 2.0747 | 2.1421 | 2.2163 | 3.5088 | 6.3562 | |
| 14 | 1.5362 | 1.5852 | 1.6071 | 1.5756 | 0.8877 | 0.4678 | | |
| | 1.9908 | 1.9690 | 1.9794 | 2.1196 | 3.4254 | 6.5052 | | |
| 15 | 0.6892 | 0.7229 | 0.6941 | 0.6511 | F-SUB-Q | | | |
| | 3.9515 | 3.8021 | 4.0611 | 4.4805 | 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 | 1.1381 | 1.1106 | 1.1668 | 1.1187 | 1.4170 | 1.3777 | 1.5294 | 0.6680 |
| | 2.5555 | 2.6002 | 2.4268 | 2.4342 | 1.9267 | 1.9787 | 1.7891 | 3.6547 |
| 9 | 1.1106 | 1.3824 | 1.1633 | 1.4276 | 1.2728 | 1.5692 | 1.5801 | 0.7001 |
| | 2.6002 | 2.0714 | 2.4151 | 1.9819 | 2.1823 | 1.7592 | 1.7667 | 3.5209 |
| 10 | 1.1668 | 1.1593 | 1.3827 | 1.3702 | 1.5498 | 1.5321 | 1.6027 | 0.6747 |
| | 2.4268 | 2.4343 | 2.0704 | 2.0902 | 1.8680 | 1.8615 | 1.7690 | 3.7326 |
| 11 | 1.1187 | 1.4224 | 1.3638 | 1.5246 | 1.4635 | 1.5572 | 1.5693 | 0.6305 |
| | 2.4342 | 1.9889 | 2.0997 | 1.9889 | 2.0686 | 1.9056 | 1.8850 | 4.1190 |
| 12 | 1.4170 | 1.2710 | 1.5470 | 1.4630 | 1.4647 | 1.5209 | 0.8589 | |
| | 1.9267 | 2.1839 | 1.8715 | 2.0707 | 2.0800 | 1.9978 | 3.1622 | |
| 13 | 1.3777 | 1.5671 | 1.5286 | 1.5543 | 1.5192 | 0.9384 | 0.4663 | |
| | 1.9787 | 1.7614 | 1.8657 | 1.9090 | 2.0000 | 3.2233 | 5.9105 | |
| 14 | 1.5294 | 1.5774 | 1.5997 | 1.5662 | 0.8580 | 0.4508 | | |
| | 1.7891 | 1.7688 | 1.7721 | 1.8887 | 3.1652 | 6.0615 | | |
| 15 | 0.6680 | 0.6997 | 0.6734 | 0.6291 | F-SUB-Q | | | |
| | 3.6547 | 3.5230 | 3.7396 | 4.1278 | 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 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1156 | 1.0879 | 1.1440 | 1.0957 | 1.3897 | 1.3508 | 1.5001 | 0.6528 |
| | 2.3159 | 2.3722 | 2.2244 | 2.2473 | 1.7792 | 1.8291 | 1.6536 | 3.4004 |
| 9 | 1.0879 | 1.3558 | 1.1401 | 1.3998 | 1.2465 | 1.5397 | 1.5496 | 0.6843 |
| | 2.3722 | 1.8904 | 2.2165 | 1.8207 | 2.0159 | 1.6226 | 1.6294 | 3.2735 |
| 10 | 1.1440 | 1.1361 | 1.3560 | 1.3437 | 1.5188 | 1.5018 | 1.5714 | 0.6592 |
| | 2.2244 | 2.2343 | 1.8959 | 1.9153 | 1.7172 | 1.7108 | 1.6272 | 3.4561 |
| 11 | 1.0957 | 1.3946 | 1.3374 | 1.4944 | 1.4338 | 1.5262 | 1.5371 | 0.6157 |
| | 2.2473 | 1.8272 | 1.9241 | 1.8071 | 1.8826 | 1.7529 | 1.7314 | 3.7990 |
| 12 | 1.3897 | 1.2447 | 1.5160 | 1.4334 | 1.4350 | 1.4897 | 0.8390 | |
| | 1.7792 | 2.0173 | 1.7205 | 1.8832 | 1.8896 | 1.8173 | 2.9028 | |
| 13 | 1.3508 | 1.5375 | 1.4983 | 1.5233 | 1.4880 | 0.9171 | 0.4553 | |
| | 1.8291 | 1.6247 | 1.7147 | 1.7561 | 1.8193 | 2.9473 | 5.4103 | |
| 14 | 1.5001 | 1.5469 | 1.5685 | 1.5339 | 0.8381 | 0.4399 | | |
| | 1.6536 | 1.6317 | 1.6301 | 1.7349 | 2.9056 | 5.5506 | | |
| 15 | 0.6528 | 0.6839 | 0.6579 | 0.6142 | F-SUB-Q | | | |
| | 3.4004 | 3.2755 | 3.4627 | 3.8073 | 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 | 1.0837 | 1.0569 | 1.1043 | 1.0652 | 1.3391 | 1.3098 | 1.4429 | 0.6436 |
| | 2.1859 | 2.2430 | 2.0956 | 2.1196 | 1.6962 | 1.7338 | 1.5799 | 3.1820 |
| 9 | 1.0569 | 1.3084 | 1.1085 | 1.3508 | 1.2114 | 1.4901 | 1.4907 | 0.6759 |
| | 2.2430 | 1.7777 | 2.0785 | 1.7223 | 1.9010 | 1.5382 | 1.5524 | 3.0546 |
| 10 | 1.1043 | 1.1046 | 1.3170 | 1.3041 | 1.4621 | 1.4537 | 1.5110 | 0.6490 |
| | 2.0956 | 2.0884 | 1.7761 | 1.7963 | 1.6269 | 1.6133 | 1.5466 | 3.2203 |
| 11 | 1.0652 | 1.3458 | 1.2980 | 1.4399 | 1.3892 | 1.4667 | 1.4767 | 0.6078 |
| | 2.1196 | 1.7284 | 1.8046 | 1.7167 | 1.7799 | 1.6481 | 1.6299 | 3.5116 |
| 12 | 1.3391 | 1.2097 | 1.4594 | 1.3887 | 1.3894 | 1.4326 | 0.8290 | |
| | 1.6962 | 1.9039 | 1.6299 | 1.7804 | 1.7833 | 1.7280 | 2.6918 | |
| 13 | 1.3098 | 1.4881 | 1.4503 | 1.4639 | 1.4310 | 0.8987 | 0.4502 | |
| | 1.7338 | 1.5402 | 1.6170 | 1.6512 | 1.7299 | 2.7453 | 5.0095 | |
| 14 | 1.4429 | 1.4881 | 1.5081 | 1.4737 | 0.8279 | 0.4357 | | |
| | 1.5799 | 1.5546 | 1.5493 | 1.6332 | 2.6952 | 5.1311 | | |
| 15 | 0.6436 | 0.6755 | 0.6477 | 0.6064 | F-SUB-Q | | | |
| | 3.1820 | 3.0564 | 3.2263 | 3.5192 | 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 | 1.0715 | 1.0455 | 1.0964 | 1.0594 | 1.3234 | 1.2929 | 1.4218 | 0.6282 |
| | 2.0118 | 2.0555 | 1.9433 | 1.9808 | 1.5983 | 1.6364 | 1.4941 | 3.0444 |
| 9 | 1.0455 | 1.2950 | 1.0985 | 1.3370 | 1.1987 | 1.4695 | 1.4670 | 0.6583 |
| | 2.0555 | 1.6527 | 1.9372 | 1.6106 | 1.7833 | 1.4509 | 1.4664 | 2.9294 |
| 10 | 1.0964 | 1.0948 | 1.3049 | 1.2923 | 1.4407 | 1.4343 | 1.4870 | 0.6320 |
| | 1.9433 | 1.9431 | 1.6550 | 1.6732 | 1.5264 | 1.5134 | 1.4565 | 3.0752 |
| 11 | 1.0594 | 1.3322 | 1.2864 | 1.4192 | 1.3718 | 1.4444 | 1.4494 | 0.5896 |
| | 1.9808 | 1.6162 | 1.6807 | 1.5928 | 1.6451 | 1.5391 | 1.5304 | 3.3508 |
| 12 | 1.3234 | 1.1971 | 1.4381 | 1.3714 | 1.3711 | 1.4082 | 0.8027 | |
| | 1.5983 | 1.7855 | 1.5292 | 1.6456 | 1.6585 | 1.6112 | 2.5381 | |
| 13 | 1.2929 | 1.4675 | 1.4309 | 1.4416 | 1.4066 | 0.8732 | 0.4369 | |
| | 1.6364 | 1.4528 | 1.5168 | 1.5420 | 1.6130 | 2.6096 | 4.7557 | |
| 14 | 1.4218 | 1.4644 | 1.4842 | 1.4465 | 0.8017 | 0.4223 | | |
| | 1.4941 | 1.4685 | 1.4591 | 1.5334 | 2.5410 | 4.8775 | | |
| 15 | 0.6282 | 0.6579 | 0.6307 | 0.5882 | F-SUB-Q | | | |
| | 3.0444 | 2.9311 | 3.0810 | 3.3581 | 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 | 1.0171 | 1.0040 | 1.0720 | 1.0435 | 1.2599 | 1.2366 | 1.3545 | 0.6186 |
| | 1.9807 | 1.9974 | 1.8592 | 1.8976 | 1.5866 | 1.6182 | 1.4825 | 2.9307 |
| 9 | 1.0040 | 1.2397 | 1.0567 | 1.2926 | 1.1541 | 1.3965 | 1.3922 | 0.6468 |
| | 1.9974 | 1.6177 | 1.8917 | 1.5665 | 1.7466 | 1.4431 | 1.4564 | 2.8266 |
| 10 | 1.0720 | 1.0527 | 1.2433 | 1.2535 | 1.3775 | 1.3651 | 1.4105 | 0.6167 |
| | 1.8592 | 1.8974 | 1.6323 | 1.6194 | 1.5095 | 1.4959 | 1.4457 | 2.9782 |
| 11 | 1.0435 | 1.2882 | 1.2480 | 1.3483 | 1.3124 | 1.3761 | 1.3829 | 0.5703 |
| | 1.8976 | 1.5717 | 1.6264 | 1.5532 | 1.5996 | 1.5103 | 1.4980 | 3.2631 |
| 12 | 1.2599 | 1.1526 | 1.3750 | 1.3120 | 1.3010 | 1.3416 | 0.7868 | |
| | 1.5866 | 1.7488 | 1.5122 | 1.6012 | 1.6251 | 1.5740 | 2.4244 | |
| 13 | 1.2366 | 1.3939 | 1.3620 | 1.3737 | 1.3401 | 0.8384 | 0.4234 | |
| | 1.6182 | 1.4448 | 1.4992 | 1.5130 | 1.5757 | 2.5228 | 4.5799 | |
| 14 | 1.3545 | 1.3898 | 1.4079 | 1.3802 | 0.7855 | 0.4090 | | |
| | 1.4825 | 1.4585 | 1.4483 | 1.5010 | 2.4278 | 4.7000 | | |
| 15 | 0.6186 | 0.6464 | 0.6156 | 0.5691 | F-SUB-Q | | | |
| | 2.9307 | 2.8282 | 2.9836 | 3.2700 | 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 | 0.8439 | 0.8820 | 1.1458 | 0.9345 | 1.2637 | 1.0425 | 1.2926 | 0.5651 |
| | 2.2654 | 2.1542 | 1.6521 | 2.0287 | 1.5070 | 1.8382 | 1.4832 | 3.0840 |
| 9 | 0.8820 | 1.1640 | 0.9059 | 1.2085 | 0.9953 | 1.1863 | 1.3206 | 0.5892 |
| | 2.1542 | 1.6406 | 2.1071 | 1.5919 | 1.9315 | 1.6227 | 1.4636 | 2.9837 |
| 10 | 1.1458 | 0.9000 | 1.0419 | 1.1040 | 1.2817 | 1.1465 | 1.3064 | 0.5454 |
| | 1.6521 | 2.1129 | 1.8584 | 1.7533 | 1.5323 | 1.7016 | 1.4897 | 3.2236 |
| 11 | 0.9345 | 1.2028 | 1.0995 | 1.2703 | 1.1417 | 1.3395 | 1.2319 | 0.5005 |
| | 2.0287 | 1.5977 | 1.7604 | 1.5578 | 1.7363 | 1.4758 | 1.6006 | 3.5604 |
| 12 | 1.2637 | 0.9935 | 1.2792 | 1.1406 | 1.0632 | 1.2420 | 0.7198 | |
| | 1.5070 | 1.9350 | 1.5352 | 1.7379 | 1.8927 | 1.6168 | 2.5245 | |
| 13 | 1.0425 | 1.1848 | 1.1439 | 1.3373 | 1.2404 | 0.7349 | 0.3718 | |
| | 1.8382 | 1.6248 | 1.7054 | 1.4783 | 1.6188 | 2.7417 | 4.9839 | |
| 14 | 1.2926 | 1.3187 | 1.3040 | 1.2294 | 0.7180 | 0.3596 | | |
| | 1.4832 | 1.4650 | 1.4923 | 1.6038 | 2.5305 | 5.1084 | | |
| 15 | 0.5651 | 0.5887 | 0.5445 | 0.4994 | F-SUB-Q | | | |
| | 3.0840 | 2.9854 | 3.2286 | 3.5678 | M-SUB-Q | | | |

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

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3627 | 0.3906 | 0.4673 | 0.4176 | 0.5030 | 0.4316 | 0.4736 | 0.2438 |
| | 5.0381 | 4.6631 | 3.8820 | 4.3624 | 3.6234 | 4.2493 | 3.8806 | 6.8828 |
| 9 | 0.3906 | 0.4556 | 0.4026 | 0.4942 | 0.4424 | 0.4616 | 0.4798 | 0.2511 |
| | 4.6631 | 3.9989 | 4.5295 | 3.7202 | 4.1735 | 3.9972 | 3.8437 | 6.7328 |
| 10 | 0.4673 | 0.4015 | 0.4195 | 0.4664 | 0.5201 | 0.4596 | 0.4733 | 0.2361 |
| | 3.8819 | 4.5412 | 4.4139 | 3.9727 | 3.5905 | 4.0612 | 3.9346 | 7.1615 |
| 11 | 0.4176 | 0.4925 | 0.4647 | 0.5160 | 0.4657 | 0.5160 | 0.4443 | 0.2109 |
| | 4.3624 | 3.7324 | 3.9875 | 3.6434 | 4.0497 | 3.6599 | 4.2437 | 8.1191 |
| 12 | 0.5030 | 0.4415 | 0.5191 | 0.4651 | 0.4176 | 0.4544 | 0.3075 | |
| | 3.6234 | 4.1816 | 3.5977 | 4.0547 | 4.5683 | 4.2121 | 5.6519 | |
| 13 | 0.4316 | 0.4611 | 0.4587 | 0.5151 | 0.4538 | 0.3200 | 0.1605 | |
| | 4.2493 | 4.0018 | 4.0697 | 3.6659 | 4.2173 | 6.0334 | *11.1105 | |
| 14 | 0.4736 | 0.4791 | 0.4725 | 0.4435 | 0.3067 | 0.1578 | | |
| | 3.8806 | 3.8472 | 3.9413 | 4.2520 | 5.6660 | *11.2029 | | |
| 15 | 0.2438 | 0.2510 | 0.2358 | 0.2105 | F-SUB-Q | | | |
| | 6.8828 | 6.7365 | 7.1722 | 8.1355 | 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 | 0.5531 | 0.6335 | 0.7588 | 0.6829 | 0.8043 | 0.6855 | 0.7274 | 0.3825 |
| | 4.8989 | 4.8236 | 3.8514 | 4.1494 | 3.5265 | 4.1457 | 3.9537 | 6.6582 |
| 9 | 0.6335 | 0.7343 | 0.6583 | 0.7968 | 0.7180 | 0.7116 | 0.7349 | 0.3937 |
| | 4.8236 | 4.1837 | 4.4399 | 3.6707 | 4.0399 | 4.0761 | 3.9447 | 6.5329 |
| 10 | 0.7588 | 0.6569 | 0.6878 | 0.7465 | 0.8166 | 0.7220 | 0.7214 | 0.3664 |
| | 3.8514 | 4.4479 | 4.4138 | 4.0066 | 3.6781 | 4.1268 | 4.0815 | 7.0291 |
| 11 | 0.6829 | 0.7949 | 0.7445 | 0.8074 | 0.7269 | 0.7848 | 0.6732 | 0.3273 |
| | 4.1494 | 3.6769 | 4.0161 | 3.8636 | 4.2714 | 3.9700 | 4.5555 | 8.0993 |
| 12 | 0.8043 | 0.7169 | 0.8154 | 0.7261 | 0.6181 | 0.6601 | 0.4689 | |
| | 3.5265 | 4.0424 | 3.6835 | 4.2743 | 4.6987 | 4.4088 | 5.8482 | |
| 13 | 0.6855 | 0.7111 | 0.7212 | 0.7840 | 0.6595 | 0.4651 | 0.2472 | |
| | 4.1457 | 4.0785 | 4.1310 | 3.9734 | 4.4123 | 6.0123 | *10.7418 | |
| 14 | 0.7274 | 0.7346 | 0.7207 | 0.6725 | 0.4681 | 0.2403 | | |
| | 3.9537 | 3.9462 | 4.0847 | 4.5601 | 5.8565 | *10.9520 | | |
| 15 | 0.3825 | 0.3936 | 0.3661 | 0.3269 | F-SUB-Q | | | |
| | 6.6582 | 6.5344 | 7.0342 | 8.1079 | 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 | 1.3094 | 1.4126 | 1.7770 | 1.5009 | 1.9186 | 1.5947 | 1.8838 | 0.8959 |
| | 2.3571 | 2.3151 | 1.7478 | 2.0150 | 1.5794 | 1.9032 | 1.6307 | 3.0267 |
| 9 | 1.4126 | 1.7960 | 1.4585 | 1.8538 | 1.5840 | 1.7676 | 1.9157 | 0.9256 |
| | 2.3151 | 1.8221 | 2.1497 | 1.6822 | 1.9479 | 1.7443 | 1.6104 | 2.9546 |
| 10 | 1.7770 | 1.4518 | 1.6608 | 1.7076 | 1.9147 | 1.7522 | 1.8893 | 0.8569 |
| | 1.7478 | 2.1541 | 1.9554 | 1.8685 | 1.6945 | 1.8186 | 1.6631 | 3.1910 |
| 11 | 1.5009 | 1.8475 | 1.7028 | 1.9004 | 1.7423 | 1.9439 | 1.7669 | 0.7835 |
| | 2.0150 | 1.6848 | 1.8735 | 1.7483 | 1.9022 | 1.7050 | 1.8733 | 3.6008 |
| 12 | 1.9186 | 1.5819 | 1.9121 | 1.7409 | 1.5605 | 1.7727 | 1.1024 | |
| | 1.5794 | 1.9486 | 1.6966 | 1.9035 | 2.0019 | 1.7928 | 2.6459 | |
| 13 | 1.5947 | 1.7666 | 1.7505 | 1.9420 | 1.7712 | 1.0939 | 0.5810 | |
| | 1.9032 | 1.7451 | 1.8202 | 1.7064 | 1.7942 | 2.8011 | 4.8522 | |
| 14 | 1.8838 | 1.9145 | 1.8878 | 1.7649 | 1.1005 | 0.5640 | | |
| | 1.6307 | 1.6110 | 1.6643 | 1.8751 | 2.6498 | 4.9545 | | |
| 15 | 0.8959 | 0.9253 | 0.8562 | 0.7826 | F-SUB-Q | | | |
| | 3.0267 | 2.9557 | 3.1933 | 3.6043 | 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 | 1.5932 | 1.5910 | 1.6270 | 1.6545 | 1.8666 | 1.8557 | 1.9396 | 0.9904 |
| | 2.0742 | 2.0973 | 1.9710 | 1.8845 | 1.6751 | 1.6818 | 1.6127 | 2.7821 |
| 9 | 1.5910 | 1.8778 | 1.6781 | 1.9341 | 1.8148 | 2.0558 | 1.9904 | 1.0247 |
| | 2.0973 | 1.7684 | 1.9265 | 1.6757 | 1.7481 | 1.5465 | 1.5925 | 2.7147 |
| 10 | 1.6270 | 1.6695 | 1.9475 | 1.9058 | 1.9986 | 2.0368 | 2.0113 | 0.9712 |
| | 1.9710 | 1.9360 | 1.7004 | 1.7233 | 1.6263 | 1.6082 | 1.6052 | 2.8956 |
| 11 | 1.6545 | 1.9296 | 1.9003 | 1.9711 | 1.9790 | 1.9753 | 1.9576 | 0.9023 |
| | 1.8845 | 1.6793 | 1.7283 | 1.7185 | 1.7133 | 1.7362 | 1.7389 | 3.2244 |
| 12 | 1.8666 | 1.8132 | 1.9965 | 1.9773 | 1.9473 | 1.9190 | 1.2231 | |
| | 1.6751 | 1.7488 | 1.6278 | 1.7138 | 1.7142 | 1.7337 | 2.4604 | |
| 13 | 1.8557 | 2.0542 | 2.0351 | 1.9734 | 1.9176 | 1.2774 | 0.6697 | |
| | 1.6818 | 1.5472 | 1.6093 | 1.7376 | 1.7349 | 2.5221 | 4.3617 | |
| 14 | 1.9396 | 1.9890 | 2.0097 | 1.9554 | 1.2214 | 0.6548 | | |
| | 1.6127 | 1.5933 | 1.6063 | 1.7407 | 2.4633 | 4.4208 | | |
| 15 | 0.9904 | 1.0245 | 0.9703 | 0.9012 | F-SUB-Q | | | |
| | 2.7821 | 2.7152 | 2.8978 | 3.2275 | 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 | 1.6839 | 1.6614 | 1.6774 | 1.6808 | 1.9777 | 1.9472 | 2.0612 | 0.9922 |
| | 2.0243 | 2.0685 | 1.9819 | 1.9032 | 1.6179 | 1.6387 | 1.5488 | 2.8323 |
| 9 | 1.6614 | 1.9819 | 1.7422 | 2.0178 | 1.8913 | 2.1845 | 2.1246 | 1.0294 |
| | 2.0685 | 1.7146 | 1.9038 | 1.6487 | 1.7211 | 1.4848 | 1.5288 | 2.7586 |
| 10 | 1.6774 | 1.7380 | 2.0517 | 1.9766 | 2.1177 | 2.1567 | 2.1495 | 0.9839 |
| | 1.9819 | 1.9143 | 1.6522 | 1.7051 | 1.5717 | 1.5528 | 1.5383 | 2.9442 |
| 11 | 1.6808 | 2.0127 | 1.9704 | 2.0998 | 2.0890 | 2.1040 | 2.0817 | 0.9185 |
| | 1.9032 | 1.6526 | 1.7106 | 1.6572 | 1.6679 | 1.6743 | 1.6797 | 3.2538 |
| 12 | 1.9777 | 1.8897 | 2.1155 | 2.0883 | 2.0782 | 2.0507 | 1.2332 | |
| | 1.6179 | 1.7219 | 1.5732 | 1.6684 | 1.6566 | 1.6735 | 2.5126 | |
| 13 | 1.9472 | 2.1828 | 2.1549 | 2.1018 | 2.0491 | 1.3322 | 0.6801 | |
| | 1.6387 | 1.4854 | 1.5538 | 1.6757 | 1.6747 | 2.5027 | 4.4344 | |
| 14 | 2.0612 | 2.1231 | 2.1478 | 2.0794 | 1.2320 | 0.6648 | | |
| | 1.5488 | 1.5296 | 1.5393 | 1.6815 | 2.5145 | 4.4968 | | |
| 15 | 0.9922 | 1.0292 | 0.9829 | 0.9175 | F-SUB-Q | | | |
| | 2.8323 | 2.7591 | 2.9469 | 3.2571 | 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 | 1.6682 | 1.6423 | 1.6663 | 1.6523 | 1.9805 | 1.9371 | 2.0777 | 0.9813 |
| | 2.1091 | 2.1589 | 2.0658 | 1.9928 | 1.6599 | 1.6904 | 1.5789 | 2.9470 |
| 9 | 1.6423 | 1.9759 | 1.7190 | 2.0149 | 1.8724 | 2.1879 | 2.1459 | 1.0223 |
| | 2.1589 | 1.7745 | 1.9909 | 1.6997 | 1.7868 | 1.5210 | 1.5573 | 2.8586 |
| 10 | 1.6663 | 1.7146 | 2.0328 | 1.9634 | 2.1338 | 2.1548 | 2.1715 | 0.9779 |
| | 2.0658 | 2.0028 | 1.7180 | 1.7683 | 1.6073 | 1.5890 | 1.5612 | 3.0431 |
| 11 | 1.6523 | 2.0095 | 1.9569 | 2.1156 | 2.0880 | 2.1232 | 2.1091 | 0.9160 |
| | 1.9928 | 1.7039 | 1.7741 | 1.6964 | 1.7203 | 1.7094 | 1.6961 | 3.3409 |
| 12 | 1.9805 | 1.8707 | 2.1314 | 2.0872 | 2.0798 | 2.0744 | 1.2328 | |
| | 1.6599 | 1.7877 | 1.6090 | 1.7208 | 1.7081 | 1.7079 | 2.5969 | |
| 13 | 1.9371 | 2.1862 | 2.1529 | 2.1210 | 2.0728 | 1.3391 | 0.6758 | |
| | 1.6904 | 1.5217 | 1.5901 | 1.7108 | 1.7091 | 2.5763 | 4.6228 | |
| 14 | 2.0777 | 2.1442 | 2.1697 | 2.1066 | 1.2317 | 0.6607 | | |
| | 1.5789 | 1.5581 | 1.5623 | 1.6980 | 2.5987 | 4.6871 | | |
| 15 | 0.9813 | 1.0221 | 0.9769 | 0.9148 | F-SUB-Q | | | |
| | 2.9470 | 2.8592 | 3.0461 | 3.3444 | 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 | 1.6216 | 1.5956 | 1.6252 | 1.6060 | 1.9407 | 1.8992 | 2.0469 | 0.9631 |
| | 2.2357 | 2.2883 | 2.1789 | 2.1068 | 1.7361 | 1.7641 | 1.6405 | 3.0814 |
| 9 | 1.5956 | 1.9272 | 1.6699 | 1.9732 | 1.8250 | 2.1478 | 2.1166 | 1.0049 |
| | 2.2883 | 1.8736 | 2.1075 | 1.7829 | 1.8820 | 1.5835 | 1.6161 | 2.9831 |
| 10 | 1.6252 | 1.6654 | 1.9780 | 1.9192 | 2.1021 | 2.1120 | 2.1428 | 0.9626 |
| | 2.1789 | 2.1207 | 1.8130 | 1.8587 | 1.6822 | 1.6600 | 1.6224 | 3.1749 |
| 11 | 1.6060 | 1.9676 | 1.9125 | 2.0816 | 2.0474 | 2.0939 | 2.0876 | 0.9030 |
| | 2.1068 | 1.7876 | 1.8649 | 1.7824 | 1.8131 | 1.7860 | 1.7649 | 3.4917 |
| 12 | 1.9407 | 1.8232 | 2.0997 | 2.0466 | 2.0397 | 2.0485 | 1.2202 | |
| | 1.7361 | 1.8829 | 1.6841 | 1.8138 | 1.8034 | 1.7928 | 2.7184 | |
| 13 | 1.8992 | 2.1459 | 2.1099 | 2.0916 | 2.0468 | 1.3223 | 0.6660 | |
| | 1.7641 | 1.5844 | 1.6613 | 1.7878 | 1.7941 | 2.7159 | 4.8894 | |
| 14 | 2.0469 | 2.1148 | 2.1408 | 2.0850 | 1.2191 | 0.6507 | | |
| | 1.6405 | 1.6170 | 1.6237 | 1.7670 | 2.7204 | 4.9605 | | |
| 15 | 0.9631 | 1.0046 | 0.9615 | 0.9018 | F-SUB-Q | | | |
| | 3.0814 | 2.9838 | 3.1782 | 3.4956 | 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 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.5795 | 1.5530 | 1.5918 | 1.5657 | 1.9099 | 1.8655 | 2.0234 | 0.9365 |
| | 2.3682 | 2.4198 | 2.3101 | 2.2442 | 1.8284 | 1.8586 | 1.7168 | 3.2784 |
| 9 | 1.5530 | 1.8881 | 1.6265 | 1.9392 | 1.7829 | 2.1137 | 2.0936 | 0.9779 |
| | 2.4198 | 1.9848 | 2.2457 | 1.8836 | 1.9991 | 1.6650 | 1.6924 | 3.1716 |
| 10 | 1.5918 | 1.6219 | 1.9315 | 1.8800 | 2.0759 | 2.0779 | 2.1203 | 0.9376 |
| | 2.3101 | 2.2604 | 1.9268 | 1.9704 | 1.7725 | 1.7491 | 1.6997 | 3.3823 |
| 11 | 1.5657 | 1.9335 | 1.8732 | 2.0534 | 2.0108 | 2.0705 | 2.0684 | 0.8794 |
| | 2.2442 | 1.8888 | 1.9773 | 1.8696 | 1.9091 | 1.8520 | 1.8423 | 3.7276 |
| 12 | 1.9099 | 1.7811 | 2.0733 | 2.0100 | 2.0045 | 2.0258 | 1.1894 | |
| | 1.8284 | 2.0001 | 1.7746 | 1.9098 | 1.9007 | 1.8787 | 2.8863 | |
| 13 | 1.8655 | 2.1116 | 2.0758 | 2.0681 | 2.0241 | 1.2939 | 0.6471 | |
| | 1.8586 | 1.6660 | 1.7508 | 1.8540 | 1.8801 | 2.8811 | 5.2262 | |
| 14 | 2.0234 | 2.0916 | 2.1182 | 2.0657 | 1.1884 | 0.6313 | | |
| | 1.7168 | 1.6934 | 1.7012 | 1.8445 | 2.8883 | 5.3099 | | |
| 15 | 0.9365 | 0.9777 | 0.9365 | 0.8782 | F-SUB-Q | | | |
| | 3.2784 | 3.1724 | 3.3859 | 3.7320 | 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 | 1.5268 | 1.5002 | 1.5433 | 1.5152 | 1.8595 | 1.8167 | 1.9770 | 0.9080 |
| | 2.5388 | 2.5976 | 2.5021 | 2.4353 | 1.9696 | 1.9994 | 1.8399 | 3.5411 |
| 9 | 1.5002 | 1.8310 | 1.5728 | 1.8859 | 1.7282 | 2.0606 | 2.0465 | 0.9488 |
| | 2.5976 | 2.1494 | 2.4395 | 2.0337 | 2.1644 | 1.7887 | 1.8142 | 3.4243 |
| 10 | 1.5433 | 1.5682 | 1.8704 | 1.8260 | 2.0263 | 2.0254 | 2.0732 | 0.9107 |
| | 2.5021 | 2.4560 | 2.0892 | 2.1308 | 1.9095 | 1.8816 | 1.8223 | 3.6538 |
| 11 | 1.5152 | 1.8802 | 1.8192 | 2.0025 | 1.9565 | 2.0232 | 2.0250 | 0.8543 |
| | 2.4353 | 2.0395 | 2.1386 | 1.9794 | 2.0264 | 1.9636 | 1.9512 | 4.0299 |
| 12 | 1.8595 | 1.7263 | 2.0237 | 1.9558 | 1.9511 | 1.9798 | 1.1569 | |
| | 1.9696 | 2.1655 | 1.9118 | 2.0271 | 2.0188 | 1.9872 | 3.0677 | |
| 13 | 1.8167 | 2.0584 | 2.0230 | 2.0206 | 1.9781 | 1.2589 | 0.6279 | |
| | 1.9994 | 1.7898 | 1.8836 | 1.9658 | 1.9888 | 3.0775 | 5.5891 | |
| 14 | 1.9770 | 2.0444 | 2.0710 | 2.0222 | 1.1559 | 0.6119 | | |
| | 1.8399 | 1.8154 | 1.8241 | 1.9537 | 3.0697 | 5.6852 | | |
| 15 | 0.9080 | 0.9485 | 0.9095 | 0.8530 | F-SUB-Q | | | |
| | 3.5411 | 3.4252 | 3.6580 | 4.0350 | 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 | 1.4779 | 1.4510 | 1.4996 | 1.4680 | 1.8135 | 1.7691 | 1.9331 | 0.8782 |
| | 2.7764 | 2.8348 | 2.7261 | 2.6518 | 2.1244 | 2.1571 | 1.9767 | 3.8319 |
| 9 | 1.4510 | 1.7793 | 1.5225 | 1.8367 | 1.6765 | 2.0095 | 2.0012 | 0.9165 |
| | 2.8348 | 2.3174 | 2.6725 | 2.2075 | 2.3484 | 1.9281 | 1.9503 | 3.7104 |
| 10 | 1.4996 | 1.5179 | 1.8140 | 1.7746 | 1.9790 | 1.9738 | 2.0278 | 0.8815 |
| | 2.7261 | 2.6908 | 2.2857 | 2.3209 | 2.0634 | 2.0323 | 1.9597 | 3.9519 |
| 11 | 1.4680 | 1.8310 | 1.7677 | 1.9544 | 1.9039 | 1.9778 | 1.9815 | 0.8255 |
| | 2.6518 | 2.2139 | 2.3295 | 2.1328 | 2.1905 | 2.1088 | 2.0883 | 4.3696 |
| 12 | 1.8135 | 1.6746 | 1.9764 | 1.9032 | 1.8995 | 1.9350 | 1.1199 | |
| | 2.1244 | 2.3496 | 2.0660 | 2.1913 | 2.1855 | 2.1379 | 3.3302 | |
| 13 | 1.7691 | 2.0072 | 1.9712 | 1.9752 | 1.9333 | 1.2203 | 0.6072 | |
| | 2.1571 | 1.9295 | 2.0347 | 2.1114 | 2.1397 | 3.3370 | 6.0635 | |
| 14 | 1.9331 | 1.9990 | 2.0254 | 1.9786 | 1.1189 | 0.5909 | | |
| | 1.9767 | 1.9516 | 1.9617 | 2.0911 | 3.3324 | 6.1752 | | |
| 15 | 0.8782 | 0.9161 | 0.8803 | 0.8242 | F-SUB-Q | | | |
| | 3.8319 | 3.7115 | 3.9567 | 4.3753 | 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 | 1.4081 | 1.3821 | 1.4251 | 1.4004 | 1.7276 | 1.6942 | 1.8459 | 0.8519 |
| | 3.0934 | 3.1489 | 3.0095 | 2.9133 | 2.3294 | 2.3535 | 2.1630 | 4.1282 |
| 9 | 1.3821 | 1.6905 | 1.4518 | 1.7500 | 1.6014 | 1.9228 | 1.9122 | 0.8908 |
| | 3.1489 | 2.5794 | 2.9447 | 2.4317 | 2.5675 | 2.1037 | 2.1306 | 3.9824 |
| 10 | 1.4251 | 1.4469 | 1.7291 | 1.6956 | 1.8898 | 1.8889 | 1.9374 | 0.8555 |
| | 3.0095 | 2.9652 | 2.5196 | 2.5536 | 2.2594 | 2.2136 | 2.1368 | 4.2263 |
| 11 | 1.4004 | 1.7444 | 1.6889 | 1.8653 | 1.8204 | 1.8882 | 1.8956 | 0.8035 |
| | 2.9133 | 2.4387 | 2.5631 | 2.3735 | 2.4336 | 2.3261 | 2.3009 | 4.6479 |
| 12 | 1.7276 | 1.5996 | 1.8871 | 1.8197 | 1.8166 | 1.8491 | 1.0925 | |
| | 2.3294 | 2.5689 | 2.2623 | 2.4344 | 2.4383 | 2.3843 | 3.6185 | |
| 13 | 1.6942 | 1.9204 | 1.8861 | 1.8856 | 1.8474 | 1.1812 | 0.5916 | |
| | 2.3535 | 2.1054 | 2.2164 | 2.3291 | 2.3864 | 3.6770 | 6.6259 | |
| 14 | 1.8459 | 1.9099 | 1.9350 | 1.8926 | 1.0913 | 0.5760 | | |
| | 2.1630 | 2.1321 | 2.1390 | 2.3041 | 3.6216 | 6.7459 | | |
| 15 | 0.8519 | 0.8904 | 0.8543 | 0.8021 | F-SUB-Q | | | |
| | 4.1282 | 3.9837 | 4.2317 | 4.6543 | 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 | 1.3681 | 1.3415 | 1.3931 | 1.3608 | 1.6950 | 1.6546 | 1.8152 | 0.8173 |
| | 3.4035 | 3.4698 | 3.1933 | 3.1065 | 2.4624 | 2.4953 | 2.2754 | 4.4312 |
| 9 | 1.3415 | 1.6537 | 1.4099 | 1.7136 | 1.5576 | 1.8823 | 1.8799 | 0.8543 |
| | 3.4698 | 2.7714 | 3.1509 | 2.5752 | 2.7423 | 2.2265 | 2.2461 | 4.2840 |
| 10 | 1.3931 | 1.4055 | 1.6837 | 1.6536 | 1.8549 | 1.8471 | 1.9052 | 0.8220 |
| | 3.1933 | 3.1732 | 2.6910 | 2.7166 | 2.3954 | 2.3546 | 2.2585 | 4.5662 |
| 11 | 1.3608 | 1.7080 | 1.6469 | 1.8297 | 1.7770 | 1.8557 | 1.8631 | 0.7705 |
| | 3.1065 | 2.5825 | 2.7270 | 2.5778 | 2.6571 | 2.5295 | 2.4664 | 5.0372 |
| 12 | 1.6950 | 1.5557 | 1.8521 | 1.7763 | 1.7742 | 1.8157 | 1.0465 | |
| | 2.4624 | 2.7437 | 2.3987 | 2.6580 | 2.6570 | 2.5835 | 4.0239 | |
| 13 | 1.6546 | 1.8797 | 1.8442 | 1.8530 | 1.8139 | 1.1398 | 0.5660 | |
| | 2.4953 | 2.2283 | 2.3578 | 2.5328 | 2.5857 | 4.0641 | 7.3654 | |
| 14 | 1.8152 | 1.8775 | 1.9026 | 1.8601 | 1.0454 | 0.5500 | | |
| | 2.2753 | 2.2478 | 2.2611 | 2.4700 | 4.0268 | 7.5132 | | |
| 15 | 0.8173 | 0.8539 | 0.8207 | 0.7691 | F-SUB-Q | | | |
| | 4.4312 | 4.2855 | 4.5721 | 5.0444 | 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 | 1.3148 | 1.2886 | 1.3412 | 1.3085 | 1.6364 | 1.5976 | 1.7559 | 0.7871 |
| | 3.5498 | 3.6137 | 3.4653 | 3.3728 | 2.6613 | 2.6951 | 2.4515 | 4.7849 |
| 9 | 1.2886 | 1.5923 | 1.3552 | 1.6528 | 1.4989 | 1.8183 | 1.8187 | 0.8236 |
| | 3.6137 | 2.9437 | 3.4303 | 2.7901 | 2.9738 | 2.4022 | 2.4204 | 4.6217 |
| 10 | 1.3412 | 1.3509 | 1.6196 | 1.5941 | 1.7925 | 1.7837 | 1.8435 | 0.7925 |
| | 3.4653 | 3.4550 | 2.9283 | 2.9477 | 2.5903 | 2.5438 | 2.4337 | 4.9260 |
| 11 | 1.3085 | 1.6472 | 1.5874 | 1.7672 | 1.7137 | 1.7946 | 1.8035 | 0.7430 |
| | 3.3728 | 2.7977 | 2.9591 | 2.7402 | 2.8283 | 2.6838 | 2.6623 | 5.4448 |
| 12 | 1.6364 | 1.4970 | 1.7897 | 1.7131 | 1.7115 | 1.7557 | 1.0097 | |
| | 2.6613 | 2.9755 | 2.5939 | 2.8293 | 2.8427 | 2.7606 | 4.3122 | |
| 13 | 1.5976 | 1.8156 | 1.7807 | 1.7918 | 1.7539 | 1.0996 | 0.5456 | |
| | 2.6951 | 2.4043 | 2.5475 | 2.6878 | 2.7633 | 4.3750 | 7.9753 | |
| 14 | 1.7559 | 1.8162 | 1.8408 | 1.8005 | 1.0087 | 0.5297 | | |
| | 2.4515 | 2.4223 | 2.4366 | 2.6662 | 4.3158 | 8.1416 | | |
| 15 | 0.7871 | 0.8232 | 0.7912 | 0.7416 | F-SUB-Q | | | |
| | 4.7849 | 4.6234 | 4.9325 | 5.4528 | 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 | 1.2516 | 1.2263 | 1.2742 | 1.2467 | 1.5575 | 1.5275 | 1.6752 | 0.7600 |
| | 3.5842 | 3.6494 | 3.4716 | 3.3877 | 2.7049 | 2.7472 | 2.5169 | 4.8944 |
| 9 | 1.2263 | 1.5124 | 1.2911 | 1.5732 | 1.4296 | 1.7374 | 1.7358 | 0.7961 |
| | 3.6494 | 2.9775 | 3.4235 | 2.8255 | 3.0098 | 2.4618 | 2.4915 | 4.7204 |
| 10 | 1.2742 | 1.2862 | 1.5423 | 1.5208 | 1.7094 | 1.7039 | 1.7592 | 0.7653 |
| | 3.4716 | 3.4484 | 2.9447 | 2.9758 | 2.6497 | 2.6224 | 2.5198 | 5.0693 |
| 11 | 1.2467 | 1.5678 | 1.5142 | 1.6845 | 1.6356 | 1.7114 | 1.7225 | 0.7183 |
| | 3.3877 | 2.8346 | 2.9881 | 2.7661 | 2.8510 | 2.7060 | 2.6848 | 5.6492 |
| 12 | 1.5575 | 1.4277 | 1.7067 | 1.6350 | 1.6343 | 1.6753 | 0.9792 | |
| | 2.7049 | 3.0118 | 2.6540 | 2.8520 | 2.8653 | 2.7851 | 4.2808 | |
| 13 | 1.5275 | 1.7346 | 1.7007 | 1.7085 | 1.6735 | 1.0597 | 0.5285 | |
| | 2.7472 | 2.4642 | 2.6274 | 2.7103 | 2.7879 | 4.3729 | 7.9317 | |
| 14 | 1.6752 | 1.7332 | 1.7564 | 1.7194 | 0.9780 | 0.5132 | | |
| | 2.5169 | 2.4939 | 2.5234 | 2.6894 | 4.2853 | 8.0957 | | |
| 15 | 0.7600 | 0.7957 | 0.7640 | 0.7169 | F-SUB-Q | | | |
| | 4.8944 | 4.7227 | 5.0763 | 5.6594 | 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 | 1.2119 | 1.1862 | 1.2405 | 1.2065 | 1.5214 | 1.4857 | 1.6401 | 0.7261 |
| | 3.4465 | 3.5013 | 3.2844 | 3.2281 | 2.5562 | 2.6069 | 2.3738 | 4.7305 |
| 9 | 1.1862 | 1.4737 | 1.2491 | 1.5340 | 1.3841 | 1.6937 | 1.6991 | 0.7602 |
| | 3.5013 | 2.8385 | 3.2543 | 2.6717 | 2.8691 | 2.3305 | 2.3510 | 4.5696 |
| 10 | 1.2405 | 1.2449 | 1.4956 | 1.4773 | 1.6706 | 1.6596 | 1.7228 | 0.7325 |
| | 3.2844 | 3.2787 | 2.7943 | 2.8222 | 2.5037 | 2.4848 | 2.3751 | 4.9055 |
| 11 | 1.2065 | 1.5286 | 1.4708 | 1.6453 | 1.5900 | 1.6751 | 1.6858 | 0.6860 |
| | 3.2281 | 2.6804 | 2.8342 | 2.6712 | 2.7695 | 2.6131 | 2.5884 | 5.4634 |
| 12 | 1.5214 | 1.3823 | 1.6678 | 1.5894 | 1.5895 | 1.6377 | 0.9345 | |
| | 2.5562 | 2.8712 | 2.5080 | 2.7704 | 2.7875 | 2.6862 | 4.1954 | |
| 13 | 1.4857 | 1.6909 | 1.6563 | 1.6722 | 1.6360 | 1.0184 | 0.5037 | |
| | 2.6069 | 2.3329 | 2.4897 | 2.6172 | 2.6888 | 4.2564 | 7.7054 | |
| 14 | 1.6401 | 1.6965 | 1.7199 | 1.6827 | 0.9334 | 0.4882 | | |
| | 2.3738 | 2.3534 | 2.3787 | 2.5928 | 4.1991 | 7.8794 | | |
| 15 | 0.7261 | 0.7598 | 0.7312 | 0.6846 | F-SUB-Q | | | |
| | 4.7305 | 4.5719 | 4.9138 | 5.4739 | 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 | 1.1654 | 1.1400 | 1.1955 | 1.1602 | 1.4696 | 1.4347 | 1.5880 | 0.6968 |
| | 3.1296 | 3.1834 | 3.0338 | 3.0355 | 2.4172 | 2.4742 | 2.2477 | 4.4848 |
| 9 | 1.1400 | 1.4207 | 1.2011 | 1.4803 | 1.3315 | 1.6369 | 1.6453 | 0.7295 |
| | 3.1834 | 2.5797 | 3.0426 | 2.5062 | 2.7203 | 2.2109 | 2.2262 | 4.3312 |
| 10 | 1.1955 | 1.1970 | 1.4392 | 1.4240 | 1.6151 | 1.6028 | 1.6683 | 0.7035 |
| | 3.0338 | 3.0522 | 2.5966 | 2.6316 | 2.3618 | 2.3559 | 2.2445 | 4.6340 |
| 11 | 1.1602 | 1.4750 | 1.4175 | 1.5897 | 1.5331 | 1.6216 | 1.6327 | 0.6576 |
| | 3.0355 | 2.5144 | 2.6426 | 2.4212 | 2.5143 | 2.3623 | 2.3408 | 5.1347 |
| 12 | 1.4696 | 1.3297 | 1.6123 | 1.5325 | 1.5335 | 1.5841 | 0.8975 | |
| | 2.4172 | 2.7221 | 2.3659 | 2.5151 | 2.5311 | 2.4337 | 3.8293 | |
| 13 | 1.4347 | 1.6340 | 1.5993 | 1.6186 | 1.5824 | 0.9788 | 0.4831 | |
| | 2.4742 | 2.2133 | 2.3604 | 2.3662 | 2.4361 | 3.8859 | 7.0555 | |
| 14 | 1.5880 | 1.6425 | 1.6654 | 1.6295 | 0.8965 | 0.4677 | | |
| | 2.2477 | 2.2286 | 2.2479 | 2.3449 | 3.8326 | 7.2224 | | |
| 15 | 0.6968 | 0.7291 | 0.7022 | 0.6562 | F-SUB-Q | | | |
| | 4.4848 | 4.3335 | 4.6420 | 5.1446 | 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 | 1.1190 | 1.0941 | 1.1486 | 1.1137 | 1.4138 | 1.3810 | 1.5299 | 0.6712 |
| | 2.8650 | 2.9145 | 2.7438 | 2.7289 | 2.1702 | 2.2225 | 2.0169 | 4.0366 |
| 9 | 1.0941 | 1.3650 | 1.1530 | 1.4236 | 1.2786 | 1.5759 | 1.5850 | 0.7038 |
| | 2.9145 | 2.3503 | 2.7297 | 2.2456 | 2.4455 | 1.9848 | 1.9957 | 3.8918 |
| 10 | 1.1486 | 1.1491 | 1.3819 | 1.3694 | 1.5550 | 1.5425 | 1.6074 | 0.6782 |
| | 2.7438 | 2.7504 | 2.3487 | 2.3722 | 2.1160 | 2.1090 | 2.0087 | 4.1570 |
| 11 | 1.1137 | 1.4184 | 1.3630 | 1.5301 | 1.4744 | 1.5617 | 1.5734 | 0.6352 |
| | 2.7289 | 2.2532 | 2.3826 | 2.2207 | 2.3070 | 2.1584 | 2.1374 | 4.6026 |
| 12 | 1.4138 | 1.2768 | 1.5522 | 1.4738 | 1.4749 | 1.5256 | 0.8664 | |
| | 2.1702 | 2.4472 | 2.1197 | 2.3078 | 2.3252 | 2.2338 | 3.5038 | |
| 13 | 1.3810 | 1.5729 | 1.5391 | 1.5588 | 1.5239 | 0.9443 | 0.4659 | |
| | 2.2225 | 1.9870 | 2.1134 | 2.1621 | 2.2361 | 3.5666 | 6.4883 | |
| 14 | 1.5299 | 1.5823 | 1.6044 | 1.5702 | 0.8654 | 0.4510 | | |
| | 2.0169 | 1.9978 | 2.0120 | 2.1414 | 3.5072 | 6.6436 | | |
| 15 | 0.6712 | 0.7033 | 0.6769 | 0.6338 | F-SUB-Q | | | |
| | 4.0366 | 3.8939 | 4.1644 | 4.6119 | 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 | 1.0707 | 1.0468 | 1.0968 | 1.0658 | 1.3502 | 1.3236 | 1.4629 | 0.6500 |
| | 2.8299 | 2.8805 | 2.7045 | 2.6883 | 2.1436 | 2.1883 | 1.9908 | 3.9515 |
| 9 | 1.0468 | 1.3027 | 1.1034 | 1.3601 | 1.2243 | 1.5089 | 1.5159 | 0.6823 |
| | 2.8805 | 2.3209 | 2.6806 | 2.2106 | 2.4073 | 1.9525 | 1.9668 | 3.8000 |
| 10 | 1.0968 | 1.0993 | 1.3214 | 1.3110 | 1.4864 | 1.4767 | 1.5369 | 0.6564 |
| | 2.7045 | 2.7013 | 2.3048 | 2.3266 | 2.0838 | 2.0699 | 1.9760 | 4.0535 |
| 11 | 1.0658 | 1.3551 | 1.3049 | 1.4621 | 1.4107 | 1.4928 | 1.5055 | 0.6155 |
| | 2.6883 | 2.2182 | 2.3369 | 2.2022 | 2.2835 | 2.1383 | 2.1156 | 4.4712 |
| 12 | 1.3502 | 1.2225 | 1.4836 | 1.4102 | 1.4116 | 1.4588 | 0.8416 | |
| | 2.1436 | 2.4091 | 2.0877 | 2.2843 | 2.3014 | 2.2139 | 3.4216 | |
| 13 | 1.3236 | 1.5062 | 1.4732 | 1.4900 | 1.4571 | 0.9120 | 0.4521 | |
| | 2.1883 | 1.9548 | 2.0747 | 2.1421 | 2.2163 | 3.5088 | 6.3562 | |
| 14 | 1.4629 | 1.5132 | 1.5339 | 1.5024 | 0.8405 | 0.4378 | | |
| | 1.9908 | 1.9690 | 1.9794 | 2.1196 | 3.4254 | 6.5052 | | |
| 15 | 0.6500 | 0.6819 | 0.6551 | 0.6141 | F-SUB-Q | | | |
| | 3.9515 | 3.8021 | 4.0611 | 4.4805 | 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 | 1.0450 | 1.0206 | 1.0766 | 1.0387 | 1.3272 | 1.2934 | 1.4392 | 0.6227 |
| | 2.5555 | 2.6002 | 2.4268 | 2.4342 | 1.9267 | 1.9787 | 1.7891 | 3.6547 |
| 9 | 1.0206 | 1.2797 | 1.0759 | 1.3352 | 1.1917 | 1.4778 | 1.4905 | 0.6530 |
| | 2.6002 | 2.0714 | 2.4151 | 1.9819 | 2.1823 | 1.7592 | 1.7667 | 3.5209 |
| 10 | 1.0766 | 1.0721 | 1.2903 | 1.2815 | 1.4597 | 1.4445 | 1.5116 | 0.6296 |
| | 2.4268 | 2.4343 | 2.0704 | 2.0902 | 1.8680 | 1.8615 | 1.7690 | 3.7326 |
| 11 | 1.0387 | 1.3302 | 1.2754 | 1.4355 | 1.3781 | 1.4679 | 1.4789 | 0.5880 |
| | 2.4342 | 1.9889 | 2.0997 | 1.9889 | 2.0686 | 1.9056 | 1.8850 | 4.1190 |
| 12 | 1.3272 | 1.1899 | 1.4570 | 1.3776 | 1.3790 | 1.4321 | 0.8040 | |
| | 1.9267 | 2.1839 | 1.8715 | 2.0707 | 2.0800 | 1.9978 | 3.1622 | |
| 13 | 1.2934 | 1.4757 | 1.4409 | 1.4650 | 1.4305 | 0.8780 | 0.4317 | |
| | 1.9787 | 1.7614 | 1.8657 | 1.9090 | 2.0000 | 3.2233 | 5.9105 | |
| 14 | 1.4392 | 1.4878 | 1.5086 | 1.4758 | 0.8031 | 0.4172 | | |
| | 1.7891 | 1.7688 | 1.7721 | 1.8887 | 3.1652 | 6.0615 | | |
| 15 | 0.6227 | 0.6526 | 0.6283 | 0.5866 | F-SUB-Q | | | |
| | 3.6547 | 3.5230 | 3.7396 | 4.1278 | 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 | 1.0135 | 0.9893 | 1.0445 | 1.0064 | 1.2871 | 1.2537 | 1.3955 | 0.6019 |
| | 2.3159 | 2.3722 | 2.2244 | 2.2473 | 1.7792 | 1.8291 | 1.6536 | 3.4004 |
| 9 | 0.9893 | 1.2417 | 1.0432 | 1.2948 | 1.1540 | 1.4332 | 1.4448 | 0.6313 |
| | 2.3722 | 1.8904 | 2.2165 | 1.8207 | 2.0159 | 1.6226 | 1.6294 | 3.2735 |
| 10 | 1.0445 | 1.0394 | 1.2513 | 1.2428 | 1.4143 | 1.3995 | 1.4650 | 0.6084 |
| | 2.2244 | 2.2343 | 1.8959 | 1.9153 | 1.7172 | 1.7108 | 1.6272 | 3.4561 |
| 11 | 1.0064 | 1.2899 | 1.2368 | 1.3911 | 1.3347 | 1.4221 | 1.4319 | 0.5679 |
| | 2.2473 | 1.8272 | 1.9241 | 1.8071 | 1.8826 | 1.7529 | 1.7314 | 3.7990 |
| 12 | 1.2871 | 1.1523 | 1.4116 | 1.3343 | 1.3355 | 1.3867 | 0.7767 | |
| | 1.7792 | 2.0173 | 1.7205 | 1.8832 | 1.8896 | 1.8173 | 2.9028 | |
| 13 | 1.2537 | 1.4311 | 1.3960 | 1.4192 | 1.3851 | 0.8486 | 0.4170 | |
| | 1.8291 | 1.6247 | 1.7147 | 1.7561 | 1.8193 | 2.9473 | 5.4103 | |
| 14 | 1.3955 | 1.4421 | 1.4620 | 1.4288 | 0.7758 | 0.4028 | | |
| | 1.6536 | 1.6317 | 1.6301 | 1.7349 | 2.9056 | 5.5506 | | |
| 15 | 0.6019 | 0.6309 | 0.6072 | 0.5665 | F-SUB-Q | | | |
| | 3.4004 | 3.2755 | 3.4627 | 3.8073 | 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 | 0.9748 | 0.9516 | 0.9982 | 0.9684 | 1.2270 | 1.2025 | 1.3277 | 0.5876 |
| | 2.1859 | 2.2430 | 2.0956 | 2.1196 | 1.6962 | 1.7338 | 1.5799 | 3.1820 |
| 9 | 0.9516 | 1.1860 | 1.0040 | 1.2363 | 1.1101 | 1.3716 | 1.3744 | 0.6171 |
| | 2.2430 | 1.7777 | 2.0785 | 1.7223 | 1.9010 | 1.5382 | 1.5524 | 3.0546 |
| 10 | 0.9982 | 1.0004 | 1.2026 | 1.1935 | 1.3466 | 1.3395 | 1.3929 | 0.5928 |
| | 2.0956 | 2.0884 | 1.7761 | 1.7963 | 1.6269 | 1.6133 | 1.5466 | 3.2203 |
| 11 | 0.9684 | 1.2316 | 1.1877 | 1.3258 | 1.2790 | 1.3515 | 1.3603 | 0.5548 |
| | 2.1196 | 1.7284 | 1.8046 | 1.7167 | 1.7799 | 1.6481 | 1.6299 | 3.5116 |
| 12 | 1.2270 | 1.1084 | 1.3440 | 1.2786 | 1.2790 | 1.3189 | 0.7594 | |
| | 1.6962 | 1.9039 | 1.6299 | 1.7804 | 1.7833 | 1.7280 | 2.6918 | |
| 13 | 1.2025 | 1.3697 | 1.3362 | 1.3487 | 1.3174 | 0.8227 | 0.4080 | |
| | 1.7338 | 1.5402 | 1.6170 | 1.6512 | 1.7299 | 2.7453 | 5.0095 | |
| 14 | 1.3277 | 1.3719 | 1.3901 | 1.3573 | 0.7583 | 0.3949 | | |
| | 1.5799 | 1.5546 | 1.5493 | 1.6332 | 2.6952 | 5.1311 | | |
| 15 | 0.5876 | 0.6167 | 0.5915 | 0.5534 | F-SUB-Q | | | |
| | 3.1820 | 3.0564 | 3.2263 | 3.5192 | 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 | 0.9546 | 0.9323 | 0.9815 | 0.9537 | 1.2002 | 1.1746 | 1.2945 | 0.5676 |
| | 2.0118 | 2.0555 | 1.9433 | 1.9808 | 1.5983 | 1.6364 | 1.4941 | 3.0444 |
| 9 | 0.9323 | 1.1625 | 0.9852 | 1.2114 | 1.0868 | 1.3383 | 1.3381 | 0.5950 |
| | 2.0555 | 1.6527 | 1.9372 | 1.6106 | 1.7833 | 1.4509 | 1.4664 | 2.9294 |
| 10 | 0.9815 | 0.9818 | 1.1795 | 1.1706 | 1.3130 | 1.3074 | 1.3561 | 0.5714 |
| | 1.9433 | 1.9431 | 1.6550 | 1.6732 | 1.5264 | 1.5134 | 1.4565 | 3.0752 |
| 11 | 0.9537 | 1.2069 | 1.1652 | 1.2930 | 1.2497 | 1.3167 | 1.3209 | 0.5327 |
| | 1.9808 | 1.6162 | 1.6807 | 1.5928 | 1.6451 | 1.5391 | 1.5304 | 3.3508 |
| 12 | 1.2002 | 1.0853 | 1.3105 | 1.2493 | 1.2488 | 1.2828 | 0.7278 | |
| | 1.5983 | 1.7855 | 1.5292 | 1.6456 | 1.6585 | 1.6112 | 2.5381 | |
| 13 | 1.1746 | 1.3363 | 1.3042 | 1.3141 | 1.2813 | 0.7912 | 0.3921 | |
| | 1.6364 | 1.4528 | 1.5168 | 1.5420 | 1.6130 | 2.6096 | 4.7557 | |
| 14 | 1.2945 | 1.3357 | 1.3534 | 1.3181 | 0.7267 | 0.3790 | | |
| | 1.4941 | 1.4685 | 1.4591 | 1.5334 | 2.5410 | 4.8775 | | |
| 15 | 0.5676 | 0.5946 | 0.5703 | 0.5314 | F-SUB-Q | | | |
| | 3.0444 | 2.9311 | 3.0810 | 3.3581 | 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 | 0.8979 | 0.8873 | 0.9508 | 0.9304 | 1.1313 | 1.1123 | 1.2207 | 0.5536 |
| | 1.9807 | 1.9974 | 1.8592 | 1.8976 | 1.5866 | 1.6182 | 1.4825 | 2.9307 |
| 9 | 0.8873 | 1.1016 | 0.9407 | 1.1597 | 1.0362 | 1.2597 | 1.2569 | 0.5791 |
| | 1.9974 | 1.6177 | 1.8917 | 1.5665 | 1.7466 | 1.4431 | 1.4564 | 2.8266 |
| 10 | 0.9508 | 0.9349 | 1.1130 | 1.1245 | 1.2426 | 1.2315 | 1.2730 | 0.5523 |
| | 1.8592 | 1.8974 | 1.6323 | 1.6194 | 1.5095 | 1.4959 | 1.4457 | 2.9782 |
| 11 | 0.9304 | 1.1556 | 1.1194 | 1.2160 | 1.1834 | 1.2417 | 1.2473 | 0.5104 |
| | 1.8976 | 1.5717 | 1.6264 | 1.5532 | 1.5996 | 1.5103 | 1.4980 | 3.2631 |
| 12 | 1.1313 | 1.0348 | 1.2403 | 1.1830 | 1.1728 | 1.2096 | 0.7063 | |
| | 1.5866 | 1.7488 | 1.5122 | 1.6012 | 1.6251 | 1.5740 | 2.4244 | |
| 13 | 1.1123 | 1.2572 | 1.2285 | 1.2394 | 1.2082 | 0.7522 | 0.3765 | |
| | 1.6182 | 1.4448 | 1.4992 | 1.5130 | 1.5757 | 2.5228 | 4.5799 | |
| 14 | 1.2207 | 1.2547 | 1.2706 | 1.2446 | 0.7051 | 0.3636 | | |
| | 1.4825 | 1.4585 | 1.4483 | 1.5010 | 2.4278 | 4.7000 | | |
| 15 | 0.5536 | 0.5787 | 0.5512 | 0.5092 | F-SUB-Q | | | |
| | 2.9307 | 2.8282 | 2.9836 | 3.2700 | 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 | 0.7375 | 0.7730 | 1.0082 | 0.8253 | 1.1219 | 0.9277 | 1.1522 | 0.5008 |
| | 2.2654 | 2.1542 | 1.6521 | 2.0287 | 1.5070 | 1.8382 | 1.4832 | 3.0840 |
| 9 | 0.7730 | 1.0242 | 0.7986 | 1.0716 | 0.8830 | 1.0575 | 1.1785 | 0.5225 |
| | 2.1542 | 1.6406 | 2.1071 | 1.5919 | 1.9315 | 1.6227 | 1.4636 | 2.9837 |
| 10 | 1.0082 | 0.7932 | 0.9229 | 0.9802 | 1.1439 | 1.0224 | 1.1661 | 0.4838 |
| | 1.6521 | 2.1129 | 1.8584 | 1.7533 | 1.5323 | 1.7016 | 1.4897 | 3.2236 |
| 11 | 0.8253 | 1.0667 | 0.9761 | 1.1335 | 1.0180 | 1.1953 | 1.0986 | 0.4435 |
| | 2.0287 | 1.5977 | 1.7604 | 1.5578 | 1.7363 | 1.4758 | 1.6006 | 3.5604 |
| 12 | 1.1219 | 0.8812 | 1.1416 | 1.0170 | 0.9478 | 1.1071 | 0.6398 | |
| | 1.5070 | 1.9350 | 1.5352 | 1.7379 | 1.8927 | 1.6168 | 2.5245 | |
| 13 | 0.9277 | 1.0561 | 1.0200 | 1.1933 | 1.1056 | 0.6527 | 0.3275 | |
| | 1.8382 | 1.6248 | 1.7054 | 1.4783 | 1.6188 | 2.7417 | 4.9839 | |
| 14 | 1.1522 | 1.1767 | 1.1639 | 1.0963 | 0.6382 | 0.3167 | | |
| | 1.4832 | 1.4650 | 1.4923 | 1.6038 | 2.5305 | 5.1084 | | |
| 15 | 0.5008 | 0.5220 | 0.4830 | 0.4424 | F-SUB-Q | | | |
| | 3.0840 | 2.9854 | 3.2286 | 3.5678 | M-SUB-Q | | | |

AT 30% POWER, 4 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 0.3121 | 0.3370 | 0.4039 | 0.3632 | 0.4384 | 0.3773 | 0.4145 | 0.2127 |
| | 5.0381 | 4.6631 | 3.8820 | 4.3624 | 3.6234 | 4.2493 | 3.8806 | 6.8828 |
| 9 | 0.3370 | 0.3934 | 0.3488 | 0.4305 | 0.3862 | 0.4043 | 0.4203 | 0.2192 |
| | 4.6631 | 3.9989 | 4.5295 | 3.7202 | 4.1735 | 3.9972 | 3.8437 | 6.7328 |
| 10 | 0.4039 | 0.3479 | 0.3655 | 0.4071 | 0.4555 | 0.4029 | 0.4147 | 0.2062 |
| | 3.8819 | 4.5412 | 4.4139 | 3.9727 | 3.5905 | 4.0612 | 3.9346 | 7.1615 |
| 11 | 0.3632 | 0.4291 | 0.4057 | 0.4515 | 0.4080 | 0.4523 | 0.3891 | 0.1840 |
| | 4.3624 | 3.7324 | 3.9875 | 3.6434 | 4.0497 | 3.6599 | 4.2437 | 8.1191 |
| 12 | 0.4384 | 0.3854 | 0.4547 | 0.4074 | 0.3662 | 0.3977 | 0.2688 | |
| | 3.6234 | 4.1816 | 3.5977 | 4.0547 | 4.5683 | 4.2121 | 5.6519 | |
| 13 | 0.3773 | 0.4038 | 0.4020 | 0.4515 | 0.3972 | 0.2795 | 0.1394 | |
| | 4.2493 | 4.0018 | 4.0697 | 3.6659 | 4.2173 | 6.0334 | *11.1105 | |
| 14 | 0.4145 | 0.4197 | 0.4140 | 0.3882 | 0.2681 | 0.1370 | | |
| | 3.8806 | 3.8472 | 3.9413 | 4.2520 | 5.6660 | *11.2029 | | |
| 15 | 0.2127 | 0.2190 | 0.2059 | 0.1836 | F-SUB-Q | | | |
| | 6.8828 | 6.7365 | 7.1722 | 8.1355 | 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* | 3.9205 | 3.8642 | 3.0478 | 3.7759 | 3.0551 | 3.8878 | 3.4061 | 5.9901 |
| 9* | 3.8642 | 3.1658 | 3.8387 | 3.0238 | 3.6435 | 3.8214 | 3.3798 | 5.8634 |
| 10* | 3.0478 | 3.8432 | 3.8010 | 3.5300 | 2.9799 | 3.6813 | 3.4207 | 6.1939 |
| 11* | 3.7759 | 3.0287 | 3.5345 | 2.9789 | 3.5742 | 3.0902 | 3.5633 | 6.7783 |
| 12* | 3.0551 | 3.6488 | 2.9822 | 3.5761 | 3.9411 | 3.3659 | 4.6968 | |
| 13* | 3.8878 | 3.8236 | 3.6838 | 3.0916 | 3.3680 | 4.8831 | 8.3537 | |
| 14* | 3.4061 | 3.3806 | 3.4224 | 3.5659 | 4.7022 | 8.5073 | | |
| 15 * | 5.9901 | 5.8643 | 6.1971 | 6.7837 | | | | |

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* | 1.9651 | 1.9158 | 1.4275 | 1.8906 | 1.4176 | 1.8596 | 1.4475 | 2.7793 |
| 9* | 1.9158 | 1.4374 | 1.9121 | 1.4279 | 1.8275 | 1.7226 | 1.4292 | 2.7098 |
| 10* | 1.4275 | 1.9137 | 1.7525 | 1.7127 | 1.4130 | 1.7031 | 1.4411 | 2.8803 |
| 11* | 1.8906 | 1.4312 | 1.7158 | 1.4064 | 1.6708 | 1.3833 | 1.4898 | 3.0772 |
| 12* | 1.4176 | 1.8292 | 1.4139 | 1.6717 | 1.7648 | 1.4256 | 2.2032 | |
| 13* | 1.8596 | 1.7230 | 1.7041 | 1.3838 | 1.4264 | 2.3622 | 3.8658 | |
| 14* | 1.4475 | 1.4296 | 1.4416 | 1.4908 | 2.2058 | 3.9429 | | |
| 15 * | 2.7793 | 2.7104 | 2.8822 | 3.0794 | | | | |

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* | 1.7386 | 1.7448 | 1.5934 | 1.7631 | 1.5055 | 1.6490 | 1.4438 | 2.5823 |
| 9* | 1.7448 | 1.4182 | 1.7258 | 1.4147 | 1.6669 | 1.5222 | 1.4133 | 2.5172 |
| 10* | 1.5934 | 1.7281 | 1.5463 | 1.5810 | 1.3927 | 1.5203 | 1.3934 | 2.6019 |
| 11* | 1.7631 | 1.4168 | 1.5833 | 1.3961 | 1.5143 | 1.4051 | 1.3827 | 2.7513 |
| 12* | 1.5055 | 1.6679 | 1.3933 | 1.5147 | 1.5152 | 1.3796 | 2.0484 | |
| 13* | 1.6490 | 1.5227 | 1.5208 | 1.4056 | 1.3803 | 2.1294 | 3.4845 | |
| 14* | 1.4438 | 1.4139 | 1.3940 | 1.3837 | 2.0502 | 3.5272 | | |
| 15 * | 2.5823 | 2.5175 | 2.6036 | 2.7533 | | | | |

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* | 1.6821 | 1.7056 | 1.5702 | 1.7610 | 1.4398 | 1.5897 | 1.3729 | 2.6159 |
| 9* | 1.7056 | 1.3695 | 1.6864 | 1.3754 | 1.6197 | 1.4476 | 1.3374 | 2.5433 |
| 10* | 1.5702 | 1.6897 | 1.4873 | 1.5440 | 1.3318 | 1.4516 | 1.3167 | 2.6087 |
| 11* | 1.7610 | 1.3774 | 1.5474 | 1.3283 | 1.4548 | 1.3347 | 1.3157 | 2.7478 |
| 12* | 1.4398 | 1.6207 | 1.3324 | 1.4552 | 1.4448 | 1.3149 | 2.0668 | |
| 13* | 1.5897 | 1.4481 | 1.4522 | 1.3353 | 1.3156 | 2.0890 | 3.5141 | |
| 14* | 1.3729 | 1.3379 | 1.3172 | 1.3166 | 2.0679 | 3.5603 | | |
| 15 * | 2.6159 | 2.5436 | 2.6105 | 2.7499 | | | | |

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* | 1.7247 | 1.7525 | 1.6049 | 1.8157 | 1.4534 | 1.6129 | 1.3740 | 2.6843 |
| 9* | 1.7525 | 1.3921 | 1.7321 | 1.3935 | 1.6527 | 1.4552 | 1.3347 | 2.5982 |
| 10* | 1.6049 | 1.7358 | 1.5167 | 1.5712 | 1.3348 | 1.4643 | 1.3131 | 2.6628 |
| 11* | 1.8157 | 1.3961 | 1.5749 | 1.3328 | 1.4696 | 1.3344 | 1.3106 | 2.7986 |
| 12* | 1.4534 | 1.6538 | 1.3355 | 1.4701 | 1.4585 | 1.3144 | 2.0987 | |
| 13* | 1.6129 | 1.4558 | 1.4649 | 1.3350 | 1.3151 | 2.1116 | 3.6107 | |
| 14* | 1.3740 | 1.3353 | 1.3137 | 1.3116 | 2.0996 | 3.6578 | | |
| 15 * | 2.6843 | 2.5985 | 2.6648 | 2.8008 | | | | |

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* | 1.8047 | 1.8356 | 1.6750 | 1.8974 | 1.5026 | 1.6677 | 1.4098 | 2.7809 |
| 9* | 1.8356 | 1.4493 | 1.8115 | 1.4433 | 1.7167 | 1.4955 | 1.3667 | 2.6873 |
| 10* | 1.6750 | 1.8156 | 1.5782 | 1.6290 | 1.3713 | 1.5086 | 1.3441 | 2.7512 |
| 11* | 1.8974 | 1.4462 | 1.6333 | 1.3715 | 1.5161 | 1.3685 | 1.3396 | 2.8892 |
| 12* | 1.5026 | 1.7180 | 1.3721 | 1.5166 | 1.5037 | 1.3482 | 2.1569 | |
| 13* | 1.6677 | 1.4962 | 1.5095 | 1.3692 | 1.3490 | 2.1755 | 3.7457 | |
| 14* | 1.4098 | 1.3674 | 1.3448 | 1.3408 | 2.1580 | 3.7970 | | |
| 15 * | 2.7809 | 2.6877 | 2.7534 | 2.8917 | | | | |

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* | 1.8935 | 1.9278 | 1.7487 | 1.9848 | 1.5524 | 1.7236 | 1.4480 | 2.9178 |
| 9* | 1.9278 | 1.5091 | 1.8970 | 1.4958 | 1.7873 | 1.5403 | 1.4022 | 2.8162 |
| 10* | 1.7487 | 1.9016 | 1.6447 | 1.6927 | 1.4121 | 1.5547 | 1.3782 | 2.8814 |
| 11* | 1.9847 | 1.4990 | 1.6975 | 1.4148 | 1.5696 | 1.4074 | 1.3746 | 3.0298 |
| 12* | 1.5524 | 1.7887 | 1.4130 | 1.5701 | 1.5559 | 1.3880 | 2.2606 | |
| 13* | 1.7236 | 1.5412 | 1.5557 | 1.4082 | 1.3889 | 2.2721 | 3.9547 | |
| 14* | 1.4480 | 1.4030 | 1.3790 | 1.3759 | 2.2617 | 4.0149 | | |
| 15 * | 2.9178 | 2.8167 | 2.8840 | 3.0327 | | | | |

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* | 2.0162 | 2.0517 | 1.8520 | 2.0973 | 1.6272 | 1.8040 | 1.5105 | 3.0730 |
| 9* | 2.0517 | 1.5951 | 2.0098 | 1.5740 | 1.8833 | 1.6100 | 1.4632 | 2.9650 |
| 10* | 1.8520 | 2.0149 | 1.7376 | 1.7840 | 1.4807 | 1.6276 | 1.4386 | 3.0366 |
| 11* | 2.0973 | 1.5776 | 1.7894 | 1.4878 | 1.6534 | 1.4737 | 1.4365 | 3.1988 |
| 12* | 1.6272 | 1.8848 | 1.4818 | 1.6539 | 1.6395 | 1.4575 | 2.3899 | |
| 13* | 1.8040 | 1.6111 | 1.6288 | 1.4748 | 1.4585 | 2.4059 | 4.2075 | |
| 14* | 1.5105 | 1.4642 | 1.4396 | 1.4380 | 2.3910 | 4.2766 | | |
| 15 * | 3.0730 | 2.9657 | 3.0395 | 3.2021 | | | | |

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* | 2.1571 | 2.1885 | 1.9607 | 2.2166 | 1.7058 | 1.8918 | 1.5778 | 3.2456 |
| 9* | 2.1885 | 1.6859 | 2.1307 | 1.6573 | 1.9879 | 1.6866 | 1.5294 | 3.1359 |
| 10* | 1.9607 | 2.1363 | 1.8367 | 1.8820 | 1.5552 | 1.7069 | 1.5033 | 3.2135 |
| 11* | 2.2166 | 1.6612 | 1.8879 | 1.5691 | 1.7485 | 1.5457 | 1.5055 | 3.3999 |
| 12* | 1.7058 | 1.9895 | 1.5564 | 1.7490 | 1.7390 | 1.5370 | 2.5424 | |
| 13* | 1.8918 | 1.6879 | 1.7084 | 1.5469 | 1.5381 | 2.5657 | 4.4947 | |
| 14* | 1.5778 | 1.5305 | 1.5045 | 1.5071 | 2.5435 | 4.5741 | | |
| 15 * | 3.2456 | 3.1367 | 3.2168 | 3.4037 | | | | |

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* | 2.3145 | 2.3458 | 2.0986 | 2.3801 | 1.8304 | 2.0171 | 1.6862 | 3.4193 |
| 9* | 2.3458 | 1.8174 | 2.2903 | 1.7790 | 2.1274 | 1.7989 | 1.6341 | 3.2960 |
| 10* | 2.0986 | 2.2964 | 1.9712 | 2.0160 | 1.6703 | 1.8229 | 1.6076 | 3.3895 |
| 11* | 2.3801 | 1.7833 | 2.0223 | 1.6914 | 1.8815 | 1.6601 | 1.6135 | 3.5763 |
| 12* | 1.8304 | 2.1292 | 1.6717 | 1.8820 | 1.8737 | 1.6565 | 2.6812 | |
| 13* | 2.0171 | 1.8004 | 1.8246 | 1.6615 | 1.6578 | 2.7367 | 4.7566 | |
| 14* | 1.6862 | 1.6355 | 1.6090 | 1.6153 | 2.6830 | 4.8392 | | |
| 15 * | 3.4193 | 3.2968 | 3.3931 | 3.5805 | | | | |

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* | 2.4179 | 2.4508 | 2.1732 | 2.4817 | 1.9026 | 2.1040 | 1.7470 | 3.6320 |
| 9* | 2.4508 | 1.8806 | 2.3883 | 1.8595 | 2.2352 | 1.8759 | 1.6979 | 3.5042 |
| 10* | 2.1732 | 2.3943 | 2.0736 | 2.1178 | 1.7491 | 1.9064 | 1.6716 | 3.6019 |
| 11* | 2.4817 | 1.8640 | 2.1247 | 1.7750 | 1.9835 | 1.7359 | 1.6874 | 3.8197 |
| 12* | 1.9026 | 2.2371 | 1.7506 | 1.9840 | 1.9750 | 1.7377 | 2.8860 | |
| 13* | 2.1040 | 1.8776 | 1.9084 | 1.7374 | 1.7390 | 2.9255 | 5.1109 | |
| 14* | 1.7470 | 1.6994 | 1.6731 | 1.6894 | 2.8875 | 5.2062 | | |
| 15 * | 3.6320 | 3.5052 | 3.6059 | 3.8243 | | | | |

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* | 2.5302 | 2.5665 | 2.2721 | 2.5975 | 2.0032 | 2.2246 | 1.8428 | 3.8137 |
| 9* | 2.5665 | 1.9636 | 2.4997 | 1.9451 | 2.3643 | 1.9820 | 1.7921 | 3.6811 |
| 10* | 2.2721 | 2.5062 | 2.1750 | 2.2230 | 1.8479 | 2.0159 | 1.7642 | 3.8016 |
| 11* | 2.5975 | 1.9496 | 2.2300 | 1.8788 | 2.1026 | 1.8313 | 1.7788 | 4.0315 |
| 12* | 2.0032 | 2.3662 | 1.8495 | 2.1032 | 2.0945 | 1.8394 | 3.0513 | |
| 13* | 2.2246 | 1.9834 | 2.0182 | 1.8331 | 1.8408 | 3.0987 | 5.3515 | |
| 14* | 1.8428 | 1.7938 | 1.7659 | 1.7810 | 3.0526 | 5.4557 | | |
| 15 * | 3.8137 | 3.6821 | 3.8057 | 4.0364 | | | | |

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* | 2.5678 | 2.5991 | 2.3046 | 2.6335 | 2.0335 | 2.2531 | 1.8800 | 3.8906 |
| 9* | 2.5991 | 1.9986 | 2.5317 | 1.9890 | 2.3936 | 2.0194 | 1.8359 | 3.7460 |
| 10* | 2.3046 | 2.5379 | 2.2177 | 2.2628 | 1.8930 | 2.0619 | 1.8115 | 3.8825 |
| 11* | 2.6335 | 1.9942 | 2.2706 | 1.9333 | 2.1609 | 1.8842 | 1.8382 | 4.1309 |
| 12* | 2.0335 | 2.3960 | 1.8949 | 2.1615 | 2.1660 | 1.9076 | 3.1150 | |
| 13* | 2.2531 | 2.0210 | 2.0646 | 1.8863 | 1.9091 | 3.2052 | 5.5717 | |
| 14* | 1.8800 | 1.8378 | 1.8135 | 1.8407 | 3.1174 | 5.6792 | | |
| 15 * | 3.8906 | 3.7475 | 3.8877 | 4.1371 | | | | |

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* | 2.4675 | 2.4989 | 2.1985 | 2.5191 | 1.9422 | 2.1627 | 1.7936 | 3.7774 |
| 9* | 2.4989 | 1.9045 | 2.4255 | 1.8941 | 2.3103 | 1.9342 | 1.7542 | 3.6458 |
| 10* | 2.1985 | 2.4319 | 2.1260 | 2.1706 | 1.8203 | 1.9812 | 1.7312 | 3.7802 |
| 11* | 2.5191 | 1.8989 | 2.1779 | 1.8603 | 2.0880 | 1.8077 | 1.7639 | 4.0400 |
| 12* | 1.9422 | 2.3124 | 1.8223 | 2.0886 | 2.0911 | 1.8326 | 3.0634 | |
| 13* | 2.1627 | 1.9359 | 1.9840 | 1.8098 | 1.8341 | 3.1240 | 5.4376 | |
| 14* | 1.7936 | 1.7562 | 1.7333 | 1.7664 | 3.0651 | 5.5527 | | |
| 15 * | 3.7774 | 3.6472 | 3.7852 | 4.0459 | | | | |

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* | 2.3405 | 2.3689 | 2.0800 | 2.3940 | 1.8389 | 2.0482 | 1.6943 | 3.5968 |
| 9* | 2.3689 | 1.8023 | 2.3016 | 1.7953 | 2.1922 | 1.8325 | 1.6568 | 3.4713 |
| 10* | 2.0800 | 2.3076 | 2.0198 | 2.0599 | 1.7150 | 1.8761 | 1.6341 | 3.5852 |
| 11* | 2.3940 | 1.7998 | 2.0668 | 1.7567 | 1.9773 | 1.7026 | 1.6586 | 3.8297 |
| 12* | 1.8389 | 2.1945 | 1.7169 | 1.9778 | 1.9839 | 1.7296 | 2.8960 | |
| 13* | 2.0482 | 1.8341 | 1.8789 | 1.7046 | 1.7310 | 2.9639 | 5.1610 | |
| 14* | 1.6943 | 1.6588 | 1.6361 | 1.6611 | 2.8978 | 5.2755 | | |
| 15 * | 3.5968 | 3.4727 | 3.5905 | 3.8360 | | | | |

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* | 2.2118 | 2.2403 | 1.9676 | 2.2660 | 1.7313 | 1.9251 | 1.5906 | 3.3954 |
| 9* | 2.2403 | 1.7016 | 2.1762 | 1.6925 | 2.0667 | 1.7181 | 1.5525 | 3.2718 |
| 10* | 1.9676 | 2.1821 | 1.9048 | 1.9400 | 1.6077 | 1.7585 | 1.5302 | 3.3726 |
| 11* | 2.2660 | 1.6969 | 1.9468 | 1.6463 | 1.8536 | 1.5932 | 1.5509 | 3.5922 |
| 12* | 1.7313 | 2.0690 | 1.6096 | 1.8541 | 1.8586 | 1.6176 | 2.7093 | |
| 13* | 1.9251 | 1.7198 | 1.7615 | 1.5952 | 1.6191 | 2.7719 | 4.8485 | |
| 14* | 1.5906 | 1.5545 | 1.5323 | 1.5533 | 2.7112 | 4.9578 | | |
| 15 * | 3.3954 | 3.2733 | 3.3778 | 3.5984 | | | | |

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* | 2.1088 | 2.1374 | 1.8839 | 2.1637 | 1.6507 | 1.8264 | 1.5118 | 3.2085 |
| 9* | 2.1374 | 1.6262 | 2.0765 | 1.6145 | 1.9660 | 1.6276 | 1.4730 | 3.0822 |
| 10* | 1.8839 | 2.0821 | 1.8137 | 1.8445 | 1.5263 | 1.6654 | 1.4512 | 3.1777 |
| 11* | 2.1637 | 1.6189 | 1.8512 | 1.5625 | 1.7555 | 1.5101 | 1.4681 | 3.3787 |
| 12* | 1.6507 | 1.9683 | 1.5282 | 1.7559 | 1.7589 | 1.5316 | 2.5341 | |
| 13* | 1.8264 | 1.6293 | 1.6683 | 1.5121 | 1.5331 | 2.6049 | 4.5576 | |
| 14* | 1.5118 | 1.4750 | 1.4533 | 1.4705 | 2.5363 | 4.6585 | | |
| 15 * | 3.2085 | 3.0838 | 3.1828 | 3.3848 | | | | |

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* | 1.9771 | 2.0107 | 1.7644 | 2.0391 | 1.5372 | 1.7077 | 1.4041 | 3.0735 |
| 9* | 2.0107 | 1.5193 | 1.9537 | 1.5075 | 1.8473 | 1.5160 | 1.3667 | 2.9566 |
| 10* | 1.7644 | 1.9594 | 1.6996 | 1.7271 | 1.4183 | 1.5522 | 1.3454 | 3.0370 |
| 11* | 2.0391 | 1.5118 | 1.7337 | 1.4506 | 1.6368 | 1.3993 | 1.3619 | 3.2409 |
| 12* | 1.5372 | 1.8495 | 1.4202 | 1.6372 | 1.6351 | 1.4204 | 2.4240 | |
| 13* | 1.7077 | 1.5176 | 1.5552 | 1.4013 | 1.4218 | 2.4686 | 4.3767 | |
| 14* | 1.4041 | 1.3687 | 1.3475 | 1.3642 | 2.4258 | 4.4830 | | |
| 15 * | 3.0735 | 2.9582 | 3.0421 | 3.2470 | | | | |

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* | 1.8609 | 1.8974 | 1.6673 | 1.9299 | 1.4527 | 1.6197 | 1.3306 | 2.9242 |
| 9* | 1.8974 | 1.4321 | 1.8449 | 1.4207 | 1.7500 | 1.4341 | 1.2932 | 2.8142 |
| 10* | 1.6673 | 1.8506 | 1.5997 | 1.6255 | 1.3425 | 1.4683 | 1.2724 | 2.8967 |
| 11* | 1.9299 | 1.4250 | 1.6319 | 1.3711 | 1.5468 | 1.3225 | 1.2880 | 3.0952 |
| 12* | 1.4527 | 1.7520 | 1.3443 | 1.5472 | 1.5423 | 1.3417 | 2.3056 | |
| 13* | 1.6197 | 1.4358 | 1.4713 | 1.3245 | 1.3430 | 2.3429 | 4.1596 | |
| 14* | 1.3306 | 1.2951 | 1.2745 | 1.2903 | 2.3074 | 4.2627 | | |
| 15 * | 2.9242 | 2.8157 | 2.9014 | 3.1009 | | | | |

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* | 1.7848 | 1.8206 | 1.6110 | 1.8496 | 1.4000 | 1.5564 | 1.2901 | 2.7661 |
| 9* | 1.8206 | 1.3817 | 1.7678 | 1.3686 | 1.6724 | 1.3809 | 1.2529 | 2.6551 |
| 10* | 1.6110 | 1.7733 | 1.5301 | 1.5552 | 1.2975 | 1.4132 | 1.2329 | 2.7400 |
| 11* | 1.8496 | 1.3727 | 1.5615 | 1.3215 | 1.4842 | 1.2820 | 1.2488 | 2.9196 |
| 12* | 1.4000 | 1.6744 | 1.2992 | 1.4846 | 1.4832 | 1.2993 | 2.1701 | |
| 13* | 1.5564 | 1.3826 | 1.4161 | 1.2839 | 1.3006 | 2.2206 | 3.9255 | |
| 14* | 1.2901 | 1.2548 | 1.2349 | 1.2511 | 2.1722 | 4.0165 | | |
| 15 * | 2.7661 | 2.6565 | 2.7446 | 2.9250 | | | | |

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* | 1.6955 | 1.7289 | 1.5248 | 1.7451 | 1.3256 | 1.4733 | 1.2232 | 2.6603 |
| 9* | 1.7289 | 1.3098 | 1.6737 | 1.2951 | 1.5816 | 1.3088 | 1.1920 | 2.5602 |
| 10* | 1.5248 | 1.6790 | 1.4459 | 1.4687 | 1.2301 | 1.3414 | 1.1738 | 2.6410 |
| 11* | 1.7451 | 1.2990 | 1.4746 | 1.2530 | 1.4032 | 1.2160 | 1.1919 | 2.8256 |
| 12* | 1.3256 | 1.5834 | 1.2317 | 1.4036 | 1.4031 | 1.2342 | 2.0996 | |
| 13* | 1.4733 | 1.3103 | 1.3441 | 1.2178 | 1.2354 | 2.1410 | 3.8056 | |
| 14* | 1.2232 | 1.1937 | 1.1757 | 1.1940 | 2.1016 | 3.8993 | | |
| 15 * | 2.6603 | 2.5616 | 2.6454 | 2.8310 | | | | |

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* | 1.6910 | 1.7041 | 1.4747 | 1.6740 | 1.3127 | 1.4511 | 1.2085 | 2.5585 |
| 9* | 1.7041 | 1.2922 | 1.6447 | 1.2635 | 1.5494 | 1.2957 | 1.1809 | 2.4678 |
| 10* | 1.4747 | 1.6487 | 1.4321 | 1.4278 | 1.2110 | 1.3248 | 1.1636 | 2.5629 |
| 11* | 1.6740 | 1.2672 | 1.4334 | 1.2419 | 1.3800 | 1.2005 | 1.1743 | 2.7680 |
| 12* | 1.3127 | 1.5512 | 1.2126 | 1.3804 | 1.3916 | 1.2181 | 2.0243 | |
| 13* | 1.4511 | 1.2970 | 1.3274 | 1.2022 | 1.2194 | 2.1071 | 3.7312 | |
| 14* | 1.2085 | 1.1823 | 1.1654 | 1.1763 | 2.0268 | 3.8251 | | |
| 15 * | 2.5585 | 2.4691 | 2.5671 | 2.7732 | | | | |

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* | 1.9375 | 1.8483 | 1.3124 | 1.7770 | 1.2313 | 1.6295 | 1.1931 | 2.6719 |
| 9* | 1.8483 | 1.3044 | 1.8215 | 1.2729 | 1.6918 | 1.4388 | 1.1714 | 2.5824 |
| 10* | 1.3124 | 1.8241 | 1.6193 | 1.5361 | 1.2295 | 1.4918 | 1.1839 | 2.7636 |
| 11* | 1.7770 | 1.2783 | 1.5419 | 1.2424 | 1.4982 | 1.1635 | 1.2464 | 3.0098 |
| 12* | 1.2313 | 1.6946 | 1.2313 | 1.4995 | 1.6108 | 1.2404 | 2.1057 | |
| 13* | 1.6295 | 1.4404 | 1.4947 | 1.1650 | 1.2418 | 2.2869 | 4.0665 | |
| 14* | 1.1931 | 1.1728 | 1.1857 | 1.2485 | 2.1103 | 4.1642 | | |
| 15 * | 2.6719 | 2.5845 | 2.7682 | 3.0154 | | | | |

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* | 4.2549 | 3.9399 | 3.0245 | 3.7485 | 2.8987 | 3.6826 | 3.0591 | 5.8690 |
| 9* | 3.9399 | 3.1192 | 3.8630 | 2.9226 | 3.5841 | 3.4670 | 3.0248 | 5.7406 |
| 10* | 3.0245 | 3.8726 | 3.7677 | 3.4125 | 2.8306 | 3.4830 | 3.0669 | 6.0556 |
| 11* | 3.7485 | 2.9312 | 3.4241 | 2.8557 | 3.4358 | 2.8388 | 3.2502 | 6.7734 |
| 12* | 2.8987 | 3.5907 | 2.8352 | 3.4394 | 3.8448 | 3.1873 | 4.6560 | |
| 13* | 3.6826 | 3.4705 | 3.4895 | 2.8425 | 3.1909 | 4.9532 | 8.9738 | |
| 14* | 3.0591 | 3.0273 | 3.0716 | 3.2560 | 4.6669 | 9.0397 | | |
| 15 * | 5.8690 | 5.7434 | 6.0638 | 6.7858 | | | | |

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 | 1.1443 | 1.1331 | 1.1849 | 1.1299 | 1.3330 | 1.2848 | 1.3966 | 0.6739 |
| | 1.4851 | 1.5162 | 1.3726 | 1.4981 | 1.2370 | 1.3492 | 1.2465 | 2.3939 |
| 9 | 1.1331 | 1.3598 | 1.1666 | 1.3670 | 1.2296 | 1.4315 | 1.4291 | 0.7024 |
| | 1.5162 | 1.2943 | 1.4839 | 1.2090 | 1.3891 | 1.2174 | 1.2236 | 2.3129 |
| 10 | 1.1849 | 1.1640 | 1.3343 | 1.3184 | 1.4247 | 1.4011 | 1.4432 | 0.6701 |
| | 1.3726 | 1.4873 | 1.2958 | 1.3239 | 1.2554 | 1.2588 | 1.2440 | 2.4612 |
| 11 | 1.1299 | 1.3633 | 1.3139 | 1.4016 | 1.3597 | 1.4151 | 1.4211 | 0.6275 |
| | 1.4981 | 1.2113 | 1.3278 | 1.2703 | 1.3034 | 1.2676 | 1.2569 | 2.6597 |
| 12 | 1.3330 | 1.2284 | 1.4230 | 1.3593 | 1.3404 | 1.3891 | 0.8444 | |
| | 1.2370 | 1.3901 | 1.2002 | 1.3037 | 1.3062 | 1.2738 | 2.0019 | |
| 13 | 1.2848 | 1.4303 | 1.3992 | 1.4134 | 1.3880 | 0.9074 | 0.4754 | |
| | 1.3492 | 1.2181 | 1.2600 | 1.2689 | 1.2747 | 1.8499 | 3.4573 | |
| 14 | 1.3966 | 1.4278 | 1.4416 | 1.4193 | 0.8436 | 0.4622 | | |
| | 1.2465 | 1.2244 | 1.2451 | 1.2584 | 2.0031 | 3.5518 | | |
| 15 | 0.6739 | 0.7022 | 0.6693 | 0.6265 | F-DEL-H | | | |
| | 2.3939 | 2.3132 | 2.4634 | 2.6625 | M-DEL-H | | | |

AT 75% POWER, 4 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.1250 | 1.1152 | 1.1677 | 1.1217 | 1.3376 | 1.2944 | 1.4078 | 0.6685 |
| | 1.8689 | 1.9095 | 1.6719 | 1.7437 | 1.4375 | 1.5499 | 1.4525 | 2.8438 |
| 9 | 1.1152 | 1.3471 | 1.1562 | 1.3682 | 1.2353 | 1.4488 | 1.4434 | 0.6973 |
| | 1.9095 | 1.6097 | 1.7835 | 1.4284 | 1.6373 | 1.3986 | 1.4345 | 2.7426 |
| 10 | 1.1677 | 1.1531 | 1.3379 | 1.3219 | 1.4376 | 1.4192 | 1.4594 | 0.6655 |
| | 1.6719 | 1.7939 | 1.5554 | 1.5837 | 1.4019 | 1.4671 | 1.4408 | 2.9461 |
| 11 | 1.1217 | 1.3643 | 1.3171 | 1.4142 | 1.3747 | 1.4297 | 1.4324 | 0.6224 |
| | 1.7437 | 1.4319 | 1.5883 | 1.4693 | 1.5747 | 1.5600 | 1.5263 | 3.1997 |
| 12 | 1.3376 | 1.2340 | 1.4357 | 1.3743 | 1.3541 | 1.3996 | 0.8420 | |
| | 1.4375 | 1.6380 | 1.4031 | 1.5751 | 1.5745 | 1.5503 | 2.4980 | |
| 13 | 1.2944 | 1.4475 | 1.4173 | 1.4278 | 1.3984 | 0.9051 | 0.4672 | |
| | 1.5499 | 1.3992 | 1.4683 | 1.5617 | 1.5515 | 2.3038 | 4.3702 | |
| 14 | 1.4078 | 1.4420 | 1.4576 | 1.4303 | 0.8412 | 0.4542 | | |
| | 1.4525 | 1.4354 | 1.4421 | 1.5281 | 2.4997 | 4.4883 | | |
| 15 | 0.6685 | 0.6971 | 0.6646 | 0.6214 | F-DEL-H | | | |
| | 2.8438 | 2.7433 | 2.9488 | 3.2031 | 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 | 1.1025 | 1.0941 | 1.1483 | 1.1121 | 1.3413 | 1.3034 | 1.4194 | 0.6641 |
| | 1.7447 | 1.9036 | 1.5999 | 1.6975 | 1.3843 | 1.4939 | 1.4103 | 2.7230 |
| 9 | 1.0941 | 1.3315 | 1.1432 | 1.3683 | 1.2401 | 1.4668 | 1.4604 | 0.6932 |
| | 1.9036 | 1.6017 | 1.7582 | 1.3833 | 1.5867 | 1.3430 | 1.3938 | 2.6341 |
| 10 | 1.1483 | 1.1399 | 1.3392 | 1.3240 | 1.4511 | 1.4383 | 1.4766 | 0.6620 |
| | 1.5999 | 1.7688 | 1.5148 | 1.5487 | 1.3543 | 1.4160 | 1.4061 | 2.8427 |
| 11 | 1.1121 | 1.3642 | 1.3190 | 1.4272 | 1.3899 | 1.4450 | 1.4456 | 0.6184 |
| | 1.6975 | 1.3863 | 1.5535 | 1.4203 | 1.5186 | 1.5202 | 1.5113 | 3.1347 |
| 12 | 1.3413 | 1.2387 | 1.4491 | 1.3894 | 1.3682 | 1.4113 | 0.8410 | |
| | 1.3843 | 1.5869 | 1.3556 | 1.5190 | 1.4947 | 1.5183 | 2.3858 | |
| 13 | 1.3034 | 1.4650 | 1.4361 | 1.4430 | 1.4101 | 0.9040 | 0.4599 | |
| | 1.4939 | 1.3437 | 1.4172 | 1.5216 | 1.5194 | 2.2455 | 4.2989 | |
| 14 | 1.4194 | 1.4586 | 1.4747 | 1.4434 | 0.8400 | 0.4470 | | |
| | 1.4103 | 1.3947 | 1.4072 | 1.5130 | 2.3874 | 4.3217 | | |
| 15 | 0.6641 | 0.6929 | 0.6610 | 0.6174 | F-DEL-H | | | |
| | 2.7230 | 2.6345 | 2.8453 | 3.1382 | M-DEL-H | | | |

AT 30% POWER, 4 EFPD

| | H | G | F | E | D | C | B | A |
|---|---|---|---|---|---|---|---|---|
| 8 | 1.0810 | 1.0741 | 1.1302 | 1.1032 | 1.3442 | 1.3111 | 1.4298 | 0.6607 |
| | 1.7447 | 1.9036 | 1.5999 | 1.6975 | 1.3843 | 1.4939 | 1.4103 | 2.7230 |
| 9 | 1.0741 | 1.3162 | 1.1318 | 1.3682 | 1.2440 | 1.4830 | 1.4756 | 0.6900 |
| | 1.9036 | 1.6017 | 1.7582 | 1.3833 | 1.5867 | 1.3430 | 1.3938 | 2.6341 |
| 10 | 1.1302 | 1.1271 | 1.3391 | 1.3252 | 1.4635 | 1.4548 | 1.4921 | 0.6593 |
| | 1.5999 | 1.7688 | 1.5148 | 1.5487 | 1.3543 | 1.4160 | 1.4061 | 2.8427 |
| 11 | 1.1033 | 1.3639 | 1.3200 | 1.4389 | 1.4032 | 1.4590 | 1.4580 | 0.6154 |
| | 1.6975 | 1.3863 | 1.5535 | 1.4203 | 1.5186 | 1.5202 | 1.5113 | 3.1347 |
| 12 | 1.3442 | 1.2426 | 1.4613 | 1.4027 | 1.3807 | 1.4222 | 0.8408 | |
| | 1.3843 | 1.5869 | 1.3556 | 1.5190 | 1.4947 | 1.5183 | 2.3858 | |
| 13 | 1.3111 | 1.4810 | 1.4525 | 1.4568 | 1.4209 | 0.9035 | 0.4536 | |
| | 1.4939 | 1.3437 | 1.4172 | 1.5216 | 1.5194 | 2.2455 | 4.2989 | |
| 14 | 1.4298 | 1.4737 | 1.4900 | 1.4556 | 0.8398 | 0.4410 | | |
| | 1.4103 | 1.3947 | 1.4072 | 1.5130 | 2.3874 | 4.3217 | | |
| 15 | 0.6607 | 0.6897 | 0.6583 | 0.6143 | F-DEL-H | | | |
| | 2.7230 | 2.6345 | 2.8453 | 3.1382 | M-DEL-H | | | |