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RA-22-0266

September 19, 2022

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 26 Reload Core

Pursuant to Catawba Technical Specification 5.6.5.d, enclosed is the subject COLR. This COLR revision is being submitted to update the limits of the Catawba Unit 2 Cycle 26 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 Ari Tuckman, Regulatory Affairs, at (803) 701-3771.

Sincerely,

A handwritten signature in black ink that reads "Tom Simril". The signature is written in a cursive, flowing style.

Tom Simril
Vice President, Catawba Nuclear Station

Enclosure: Catawba Unit 2, Cycle 26, Revision 0, Core Operating Limits Report

Attachment: Catawba Unit 2, Cycle 26, Revision 0, Core Operating Limits Report,
Appendix A, Power Distribution Monitoring Factors

U.S. Nuclear Regulatory Commission
RA-22-0266
September 19, 2022
Page | 2

xc (with enclosure; with attachment):

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Enclosure

Catawba Unit 2, Cycle 26, Revision 0, Core Operating Limits Report

Catawba 2 Cycle 26
Core Operating Limits Report
Revision 0

August 2022

Reference: CNC-1553.05-00-0724, Rev. 0
Reload 50.59 #: 02437384



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 26 Core Operating Limits Report

Implementation Instructions for Revision 0

Revision Description and CR Tracking

Revision 0 of the Catawba 2 Cycle 26 COLR contains limits specific to the reload core. There is no CR associated with this revision.

Implementation Schedule

The Catawba 2 Cycle 26 COLR requires the reload 50.59 (AR #02437384) be approved prior to implementation and fuel loading.

Revision 0 may become effective any time during NO MODE between cycles 25 and 26 but must become effective prior to entering MODE 6 which starts cycle 26. The Catawba 2 Cycle 25 COLR will cease to be effective during NO MODE between cycles 25 and 26.

Data files to be Implemented

No data files are transmitted as part of this document.

Additional Information

A review was performed by Safety Analysis for COLR Sections 1.1, 2.1, 2.9 – 2.11, 2.13, and 2.16 – 2.18.

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

Catawba 2 Cycle 26 Core Operating Limits Report

REVISION LOG

<u>Revision</u>	<u>Effective Date</u>	<u>Pages Affected</u>	<u>COLR</u>
0	August 2022	1-31, Appendix A*	C2C26 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 26 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 Rod Insertion Limits	2.2 2.4	2, 4, 6, 7, 8, 9, 10 12, 14, 15, 16, 19, 20
3.1.6	Control Bank Insertion Limit	Shutdown Margin Rod Insertion Limits	2.2 2.5	2, 4, 6, 7, 8, 9, 10 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 AFD OTAT Penalty Factors	2.6 2.8 2.9 2.6	2, 4, 6, 7, 8, 9, 10, 12, 15, 16, 19, 20
3.2.2	Nuclear Enthalpy Rise Hot Channel Factor	FAH Penalty Factors	2.7 2.7	2, 4, 6, 7, 8, 9, 10 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	OTAT OPAT	2.9 2.9	6, 7, 8, 9, 10, 12 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 Licensee 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 26 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 Loss of Coolant Analysis," (W Proprietary).

Revision: Volume 1 (Revision 2) and Volumes 2-5 (Revision 1)

Report Date: March 1998

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

Revision 1

SER Date: January 22, 1991

Revision 2

SER Dates: August 22, 1996 and November 26, 1996.

Revision 3

SER Date: June 15, 1994.

Not Used

Catawba 2 Cycle 26 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 6
Report Date: September 2020
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 26 Core Operating Limits Report

1.1 Analytical Methods (continued)

14. DPC-NF-2010-A, "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, "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 26 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.

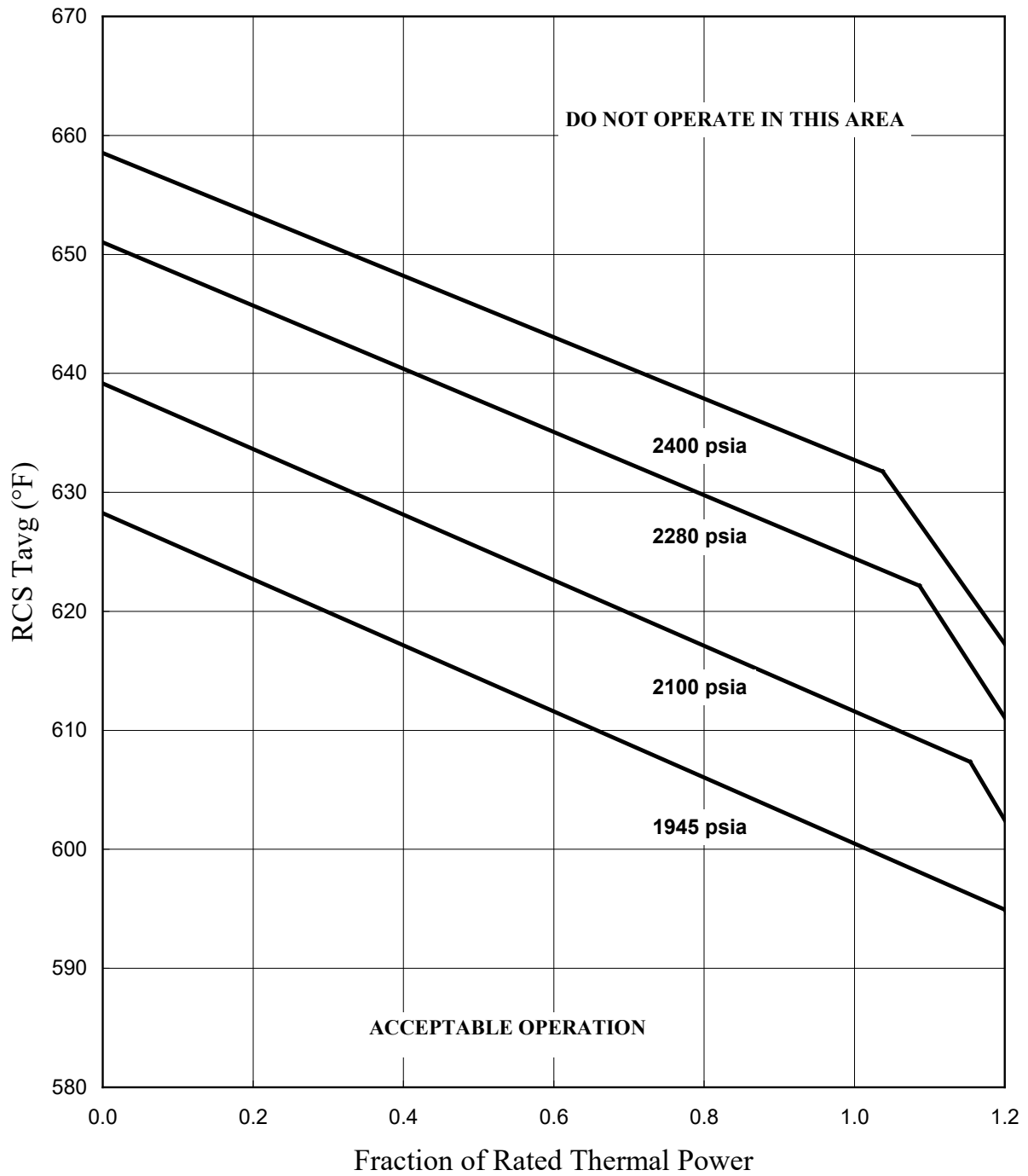
2.2 Shutdown Margin - SDM (TS 3.1.1, TS 3.1.4, TS 3.1.5, TS 3.1.6, TS 3.1.8)

- 2.2.1 For TS 3.1.1, SDM shall be $\geq 1.3\% \Delta K/K$ in MODE 2 with $K_{\text{eff}} < 1.0$ and in MODES 3 and 4.
- 2.2.2 For TS 3.1.1, SDM shall be $\geq 1.0\% \Delta K/K$ in MODE 5.
- 2.2.3 For TS 3.1.4, SDM shall be $\geq 1.3\% \Delta K/K$ in MODE 1 and MODE 2.
- 2.2.4 For TS 3.1.5, SDM shall be $\geq 1.3\% \Delta K/K$ in MODE 1 and MODE 2 with any control bank not fully inserted.
- 2.2.5 For TS 3.1.6, SDM shall be $\geq 1.3\% \Delta K/K$ in MODE 1 and MODE 2 with $K_{\text{eff}} \geq 1.0$.
- 2.2.6 For TS 3.1.8, SDM shall be $\geq 1.3\% \Delta K/K$ in MODE 2 during PHYSICS TESTS.

Catawba 2 Cycle 26 Core Operating Limits Report

Figure 1

Reactor Core Safety Limits Four Loops in Operation



Catawba 2 Cycle 26 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 $0.7E-04 \Delta K/K/^{\circ}F$.

EOC, ARO, RTP MTC shall be less negative than the $-4.3E-04 \Delta K/K/^{\circ}F$ 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 $-3.65E-04 \Delta K/K/^{\circ}F$.

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 $-4.125E-04 \Delta K/K/^{\circ}F$.

Where:

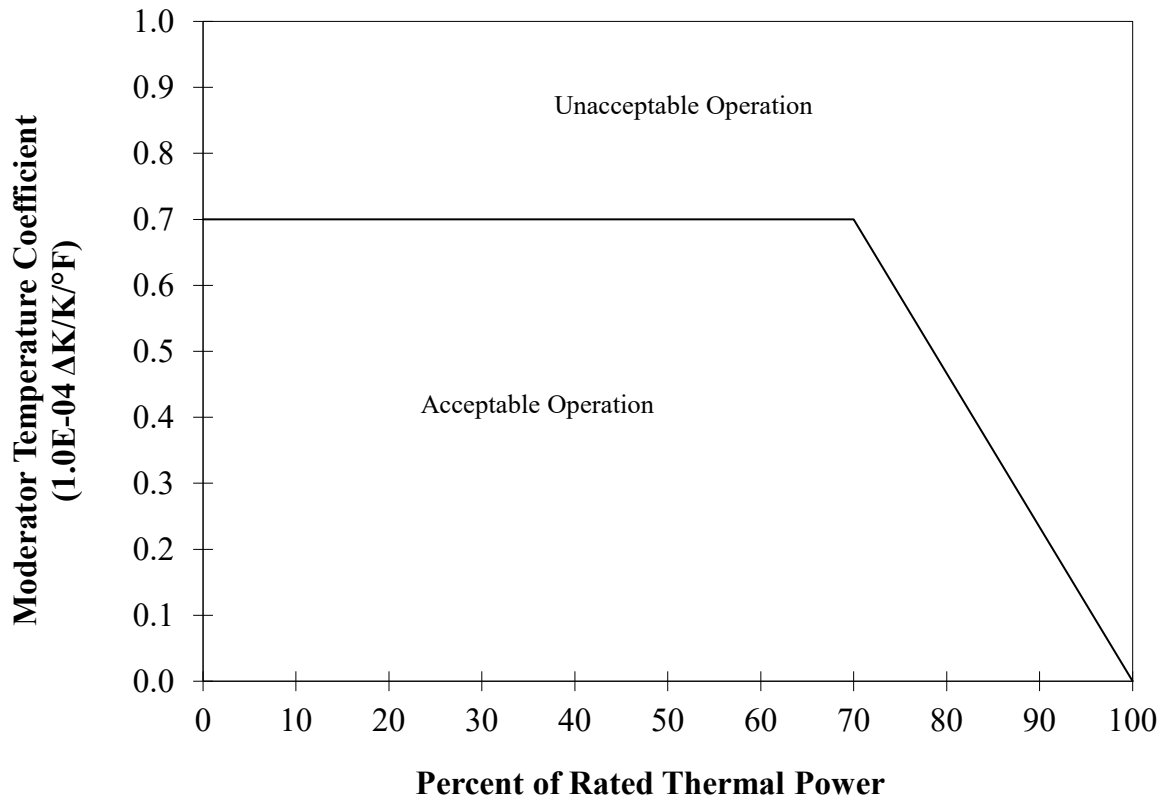
- BOC = Beginning of Cycle (burnup corresponding to most positive MTC)
- EOC = End of Cycle
- ARO = All Rods Out
- HZP = Hot Zero Thermal Power
- RTP = Rated Thermal Power
- ppm = Parts per million (Boron)

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)

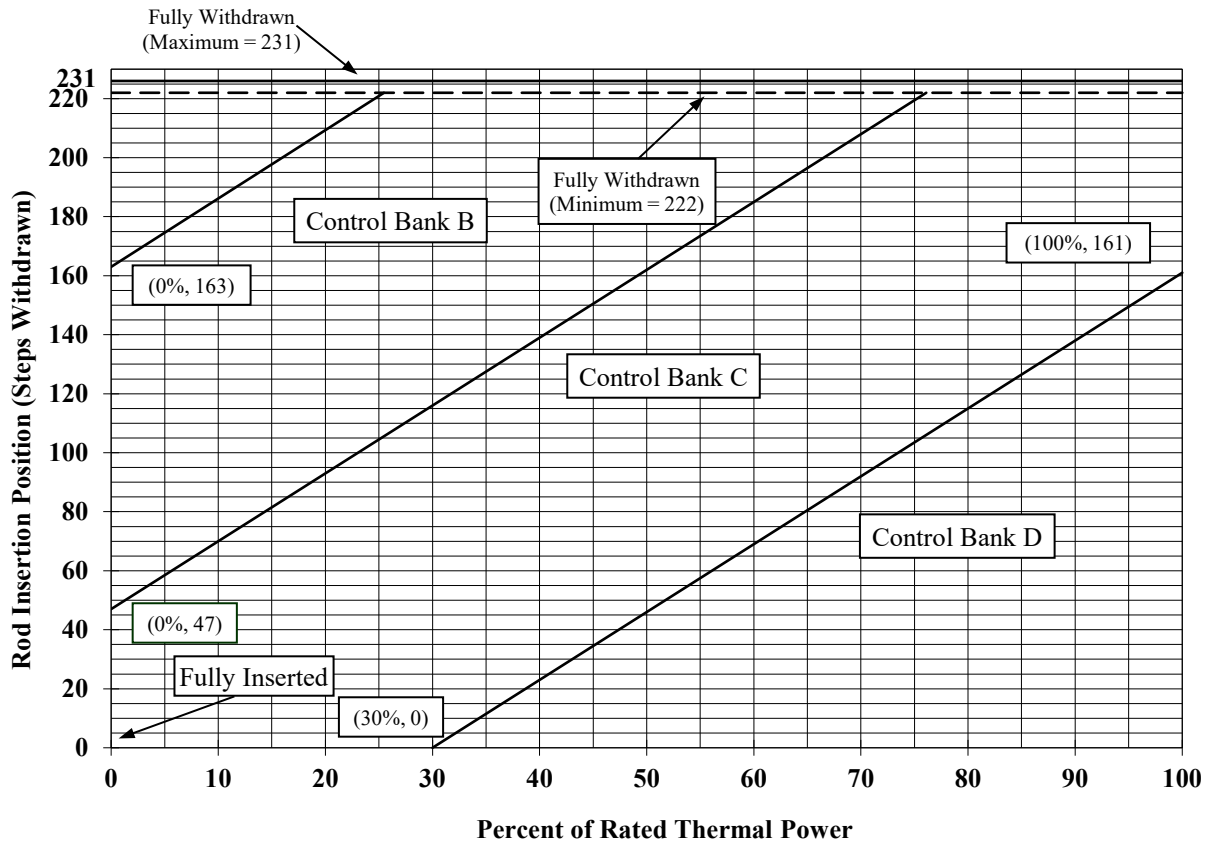
2.5.1 Control banks shall be within the insertion, sequence, and overlap limits shown in Figure 3. Specific control bank withdrawal and overlap limits as a function of the fully withdrawn position are shown in Table 1.

Catawba 2 Cycle 26 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 26 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:

$$\text{Bank CD RIL} = 2.3(P) - 69 \quad \{30 \leq P \leq 100\}$$

$$\text{Bank CC RIL} = 2.3(P) + 47 \quad \{0 \leq P \leq 76.1\} \text{ for CC RIL} = 222 \quad \{76.1 < P \leq 100\}$$

$$\text{Bank CB RIL} = 2.3(P) + 163 \quad \{0 \leq P \leq 25.7\} \text{ for CB RIL} = 222 \quad \{25.7 < P \leq 100\}$$

where $P = \% \text{ of Rated Thermal Power}$

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 26 Core Operating Limits Report

Table 1

Control Bank Withdrawal Sequence Equation			
Control Bank A	Control Bank B	Control Bank C	Control Bank D
0 Start	0	0	0
116	0 Start	0	0
CBA Stop	CBA - 116	0	0
CBA	116	0 Start	0
CBA	CBB Stop	CBB - 116	0
CBA	CBB	116	0 Start
CBA	CBB	CBC	CBC - 116

Where:

CBA = Fully withdrawn position of Control Bank A

CBB = Fully withdrawn position of Control Bank B

CBC = Fully withdrawn position of Control Bank C

Allowed Control Bank Fully Withdrawn Positions Range from 223 Steps to 231 Steps for frequent RCCA Reposition Required per CNEI-0400-091, Rev. 7, "RCCA Axial Repositioning Schedule for Catawba Nuclear Station."

Catawba 2 Cycle 26 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:

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

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

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

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 $K(\text{BU})$ is the normalized $F_Q(X,Y,Z)$ as a function of burnup. F_Q^{RTP} with the $K(\text{BU})$ penalty for Westinghouse RFA fuel is analytically confirmed in cycle-specific reload calculation. $K(\text{BU})$ 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 26 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)

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

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.

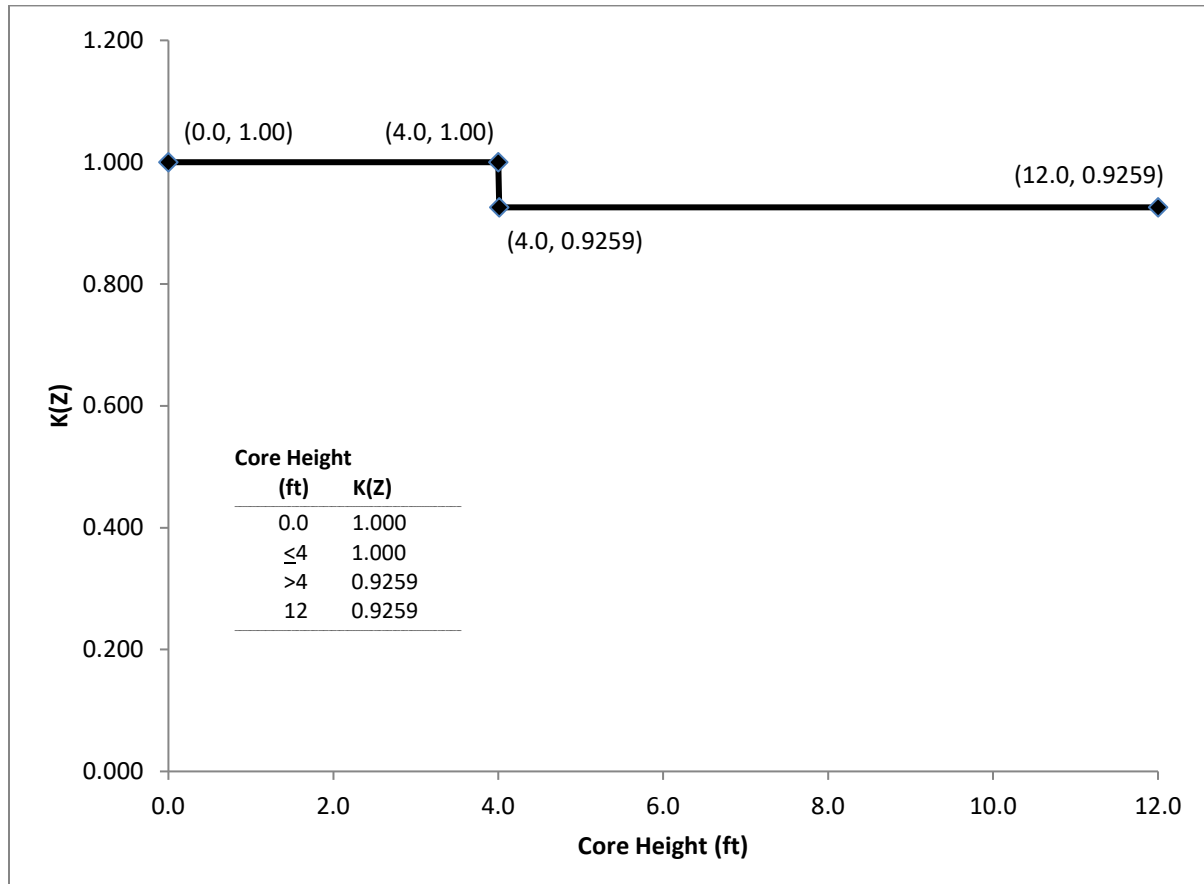
Catawba 2 Cycle 26 Core Operating Limits Report

2.6.7 $KSLOPE = 0.0725$

where:

$KSLOPE$ = adjustment to K_1 value from $OT\Delta T$ 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 26 Core Operating Limits Report**Figure 4** **$K(Z)$, Normalized $F_Q(X,Y,Z)$ as a Function of Core Height for RFA Fuel**

Catawba 2 Cycle 26 Core Operating Limits Report

Table 2

F_Q(X,Y,Z) and F_{ΔH}(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 _{ΔH} (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
485	2.00	2.00
499	2.00	2.00
502	2.00	2.00
505	2.00	2.00
515	2.00	2.00
525	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_{ΔH}(X,Y) for compliance with Tech Spec Surveillances 3.2.1.2, 3.2.1.3 and 3.2.2.2.

Catawba 2 Cycle 26 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.

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

where:

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

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

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

$\text{RRH} =$ Thermal Power reduction required to compensate for each 1% measured radial peak, $F_{\Delta H}^M(X,Y)$, exceeds the limit.

$$(\text{RRH} = 3.34, 0.0 < P \leq 1.0)$$

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

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

where:

$[F_{\Delta H}^L(X,Y)]^{\text{SURV}} =$ 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. $F_{\Delta H}^L(X,Y)^{\text{SURV}}$ includes allowances for calculation and measurement uncertainty.

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

Catawba 2 Cycle 26 Core Operating Limits Report

$M_{\Delta H}(X,Y)$ = 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% that the measured radial peak, $F_{\Delta H}^M(X,Y)$ 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.

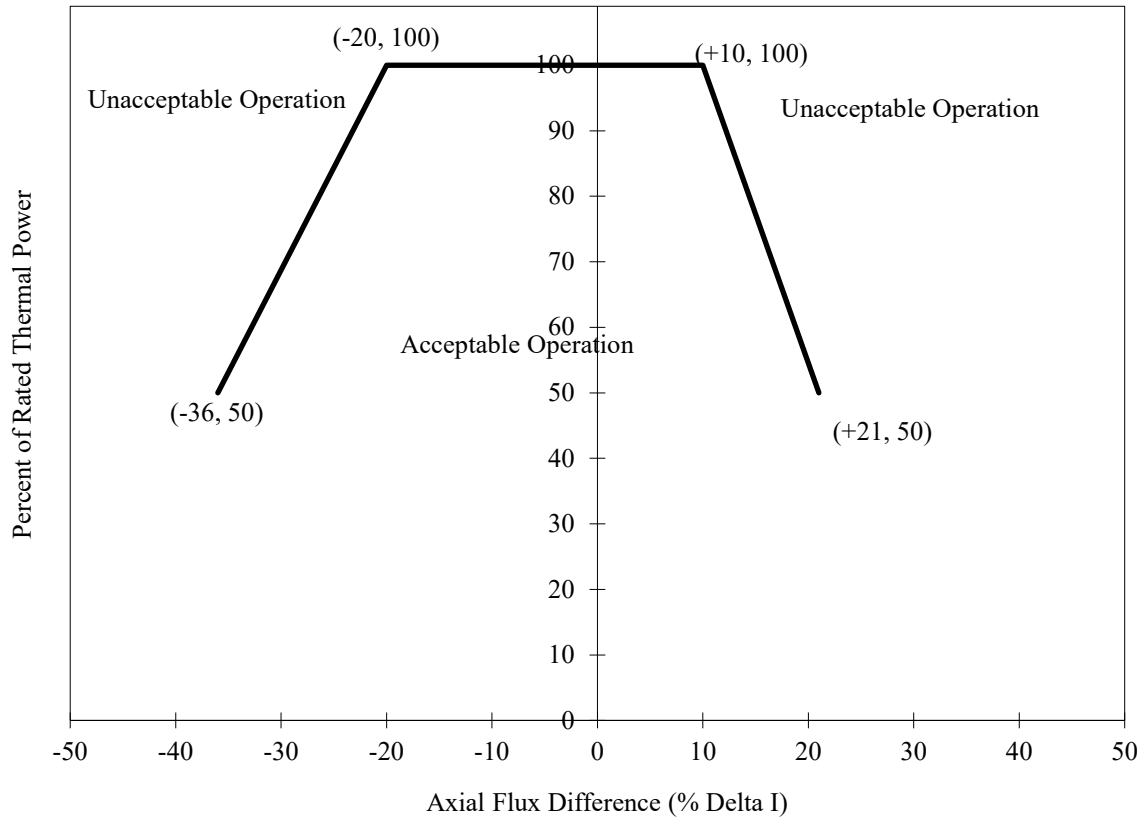
2.8 Axial Flux Difference – AFD (TS 3.2.3)

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

Catawba 2 Cycle 26 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 26 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 26 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

<u>Parameter</u>	<u>Nominal Value</u>
Nominal T_{avg} at RTP	$T' \leq 590.8 \text{ } ^\circ\text{F}$
Nominal RCS Operating Pressure	$P' = 2235 \text{ psig}$
Overtemperature ΔT reactor trip setpoint	$K_1 = 1.1953$
Overtemperature ΔT reactor trip heatup setpoint penalty coefficient	$K_2 = 0.03163/^\circ\text{F}$
Overtemperature ΔT reactor trip depressurization setpoint penalty coefficient	$K_3 = 0.001414/\text{psi}$
Time constants utilized in the lead-lag compensator for ΔT	$\tau_1 = 8 \text{ sec.}$ $\tau_2 = 3 \text{ sec.}$
Time constant utilized in the lag compensator for ΔT	$\tau_3 \leq 1.8 \text{ sec.}$
Time constants utilized in the lead-lag compensator for T_{avg}	$\tau_4 = 22 \text{ sec.}$ $\tau_5 = 4 \text{ sec.}$
Time constant utilized in the measured T_{avg} lag compensator	$\tau_6 \leq 1.8 \text{ sec.}$
$f_1(\Delta I)$ "positive" breakpoint	$= 3.0 \text{ } \%\Delta I$
$f_1(\Delta I)$ "negative" breakpoint	$= \text{N/A}^*$
$f_1(\Delta I)$ "positive" slope	$= 1.525 \text{ } \%\Delta T_0 / \%\Delta I$
$f_1(\Delta I)$ "negative" slope	$= \text{N/A}^*$

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

Catawba 2 Cycle 26 Core Operating Limits Report

2.9.2 Overpower ΔT Setpoint Parameter Values

<u>Parameter</u>	<u>Nominal Value</u>
Nominal Tavg at RTP	$T'' \leq 590.8 \text{ } ^\circ\text{F}$
Overpower ΔT reactor trip setpoint	$K_4 \leq 1.0909$
Overpower ΔT reactor trip penalty	$K_5 \geq 0.0 \text{ } / \text{ } ^\circ\text{F}$ for increasing Tavg $K_5 = 0.00 \text{ } / \text{ } ^\circ\text{F}$ for decreasing Tavg
Overpower ΔT reactor trip heatup setpoint penalty coefficient	$K_6 = 0.001291 / ^\circ\text{F}$ for $T > T''$ $K_6 = 0.0 \text{ } / ^\circ\text{F}$ for $T \leq T''$
Time constants utilized in the lead-lag compensator for ΔT	$\tau_1 = 8 \text{ sec.}$ $\tau_2 = 3 \text{ sec.}$
Time constant utilized in the lag compensator for ΔT	$\tau_3 \leq 1.8 \text{ sec.}$
Time constant utilized in the measured T _{avg} lag compensator	$\tau_6 \leq 1.8 \text{ sec.}$
Time constant utilized in the rate-lag controller for T _{avg}	$\tau_7 = 10 \text{ sec.}$
f ₂ (ΔI) "positive" breakpoint	$= 27.0 \text{ } \% \Delta I$
f ₂ (ΔI) "negative" breakpoint	$= -27.0 \text{ } \% \Delta I$
f ₂ (ΔI) "positive" slope	$= 7.0 \text{ } \% \Delta T_0 / \% \Delta I$
f ₂ (ΔI) "negative" slope	$= 7.0 \text{ } \% \Delta T_0 / \% \Delta I$

Catawba 2 Cycle 26 Core Operating Limits Report

2.10 Boron Dilution Mitigation System (TS 3.3.9)

2.10.1 Reactor Makeup Water Pump flow rate limits:

<u>Applicable Mode</u>	<u>Limit</u>
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:

<u>Parameter</u>	<u>Applicable Burnup</u>	<u>Limit</u>
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	2,355 ppm
Accumulator minimum boron concentration.	400.1 - 515 EFPD	2,204 ppm
Accumulator minimum boron concentration.	515.1 - 525 EFPD	2,046 ppm
Accumulator maximum boron concentration.	0 - 525 EFPD	3,075 ppm

Catawba 2 Cycle 26 Core Operating Limits Report

Table 4

Reactor Coolant System DNB Parameters

PARAMETER	INDICATION	No. Operable CHANNELS	LIMITS
1. Indicated RCS Average Temperature	meter	4	≤ 591.3 °F
	meter	3	≤ 591.1 °F
	computer	4	≤ 591.8 °F
	computer	3	≤ 591.6 °F
2. Indicated Pressurizer Pressure	meter	4	≥ 2206.9 psig
	meter	3	≥ 2208.7 psig
	computer	4	≥ 2204.0 psig
	computer	3	≥ 2205.4 psig
3. RCS Total Flow Rate			$\geq 387,000$ gpm

Catawba 2 Cycle 26 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:

<u>Parameter</u>	<u>Limit</u>
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.

<u>Parameter</u>	<u>Limit</u>
Spent fuel pool minimum boron concentration.	2,700 ppm

2.15 Refueling Operations - Boron Concentration (TS 3.9.1)

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

<u>Parameter</u>	<u>Limit</u>
Minimum boron concentration of the Reactor Coolant System, the refueling canal, and the refueling cavity.	2,700 ppm

Catawba 2 Cycle 26 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.

<u>Parameter</u>	<u>Limit</u>
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 $\leq 210^{\circ}\text{F}$, and MODES 5 and 6.

<u>Parameter</u>	<u>Limit</u>
BAT minimum boron concentration	7,000 ppm
Volume of 7,000 ppm boric acid solution required to maintain SDM at 68 °F	2000 gallons

NOTE: When cycle burnup is > 449 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 °F	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 26 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.**

<u>Parameter</u>	<u>Limit</u>
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 > 449 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)

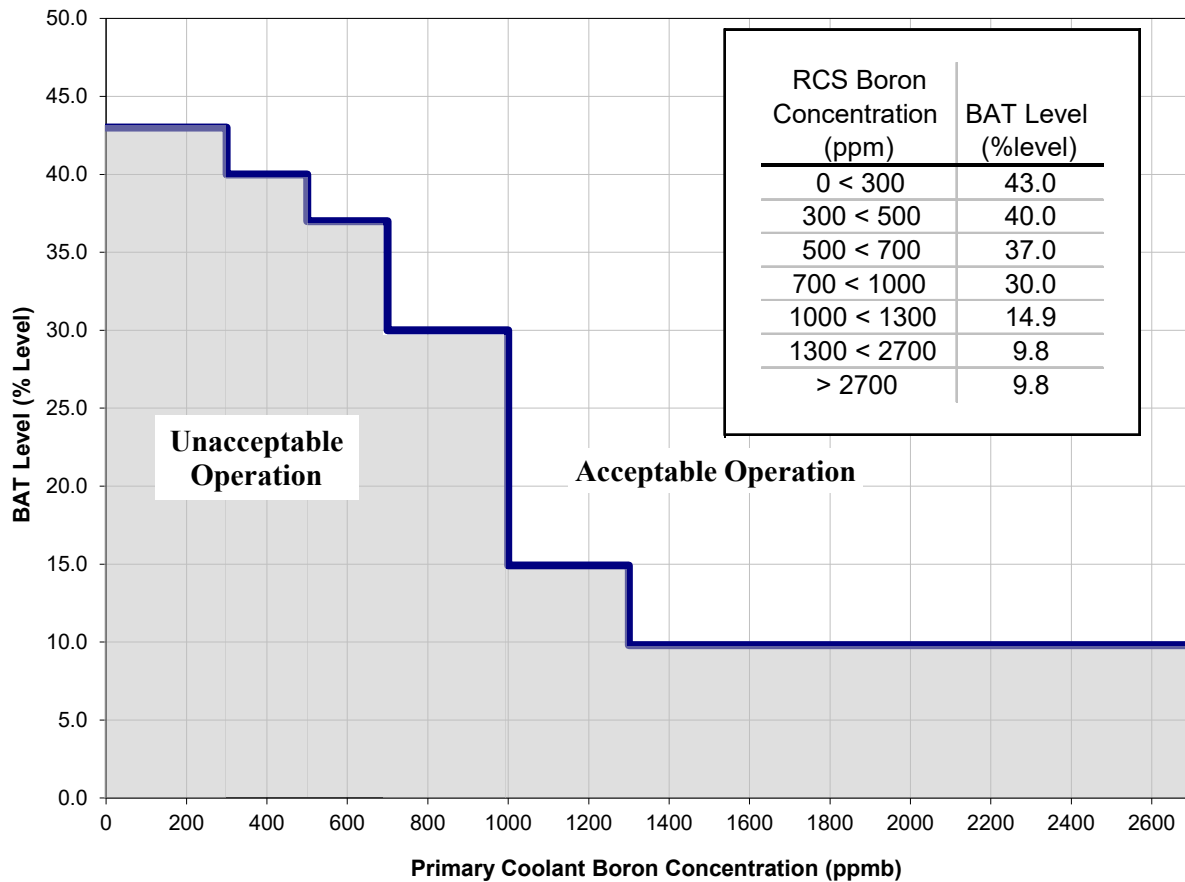
Catawba 2 Cycle 26 Core Operating Limits Report

Figure 6

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

(Valid When Cycle Burnup is > 449 EFPD)

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



Catawba 2 Cycle 26 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 26 Maneuvering Analysis calculation file, CNC-1553.05-00-0721, Rev 0. 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 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.

Filename	Checksum / File Size
c2c26_AppendixA.pdf	2198190725 / 3534570

Attachment

Catawba Unit 2, Cycle 26, 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	254
TABLE A-3	F-DEL-H & M-DEL-H VALUES, NORMAL OPERATION	278
TABLE A-4	F-SUB-Q & M-SUB-Q VALUES (F-SUB-Q OP MARGIN), POWER ESCALATION	289
TABLE A-5	M-SUB-C VALUES (F-SUB-Q RPS MARGIN), POWER ESCALATION	337
TABLE A-6	F-DEL-H & M-DEL-H VALUES, POWER ESCALATION	349

Catawba 2 Cycle 26 Core Operating Limits Report

* JOB/DATE LSGT/02May2022 CREATED BY SMARG12 COMPILED 13Mar2020 COLR FILE
/nfe/mcd/dcs/c2c26/ma/pflr/pflr_bu7_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)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.3390 to 5.0007. Includes labels F-SUB-Q and M-SUB-Q for the final row.

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.6299 to 2.8599. Includes labels F-SUB-Q and M-SUB-Q for the final row.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2996	1.3604	1.4070	1.3550	1.2989	1.4714	1.4315	0.8126
	1.5457	1.4998	1.4449	1.4802	1.5017	1.3171	1.3510	2.1517
9	1.3604	1.4704	1.4861	1.4564	1.4716	1.5080	1.4429	0.7935
	1.4998	1.3915	1.3700	1.3772	1.3360	1.2942	1.3431	2.2593
10	1.4070	1.4862	1.4763	1.4141	1.4319	1.4598	1.4420	0.7828
	1.4449	1.3699	1.3730	1.4264	1.3955	1.3700	1.3743	2.2736
11	1.3550	1.4565	1.4144	1.3796	1.3418	1.3148	1.3726	0.7371
	1.4802	1.3771	1.4262	1.4766	1.4858	1.5249	1.4586	2.4760
12	1.2989	1.4718	1.4322	1.3419	1.3080	1.4060	1.0165	
	1.5017	1.3358	1.3952	1.4857	1.4887	1.3799	1.7771	
13	1.4714	1.5086	1.4602	1.3150	1.4061	1.0433	0.5736	
	1.3171	1.2938	1.3696	1.5247	1.3798	1.6932	3.0644	
14	1.4315	1.4432	1.4423	1.3729	1.0168	0.5733		
	1.3510	1.3428	1.3739	1.4583	1.7767	3.0654		
15	0.8126	0.7938	0.7830	0.7372	F-SUB-Q			
	2.1517	2.2587	2.2729	2.4755	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	1.3762	1.4207	1.4951	1.3998	1.3629	1.5640	1.5311	0.8214
	1.4886	1.4578	1.3861	1.4489	1.3537	1.2530	1.2776	2.1517
9	1.4207	1.5628	1.5655	1.5388	1.5553	1.6028	1.5361	0.8007
	1.4578	1.3288	1.3182	1.3223	1.2869	1.2314	1.2762	2.2593
10	1.4951	1.5656	1.5734	1.4949	1.5326	1.5518	1.5487	0.7997
	1.3861	1.3181	1.3041	1.3667	1.3194	1.2996	1.2956	2.2627
11	1.3998	1.5390	1.4952	1.4742	1.4152	1.3972	1.4830	0.7623
	1.4489	1.3223	1.3664	1.4002	1.4149	1.4214	1.3689	2.4241
12	1.3629	1.5555	1.5329	1.4153	1.4137	1.5549	1.0622	
	1.3537	1.2867	1.3191	1.4148	1.3974	1.2712	1.7273	
13	1.5640	1.6035	1.5522	1.3974	1.5550	1.1215	0.6070	
	1.2530	1.2309	1.2992	1.4212	1.2711	1.6071	2.9482	
14	1.5311	1.5364	1.5491	1.4833	1.0625	0.6067		
	1.2776	1.2759	1.2952	1.3686	1.7269	2.9493		
15	0.8214	0.8010	0.7999	0.7625	F-SUB-Q			
	2.1517	2.2587	2.2621	2.4236	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3827	1.4306	1.5204	1.4109	1.3867	1.5896	1.5678	0.8233
	1.5098	1.4727	1.3854	1.4619	1.4438	1.2489	1.2644	2.1802
9	1.4306	1.5896	1.5789	1.5650	1.5734	1.6257	1.5735	0.8036
	1.4727	1.3268	1.3253	1.3215	1.2895	1.2296	1.2626	2.2953
10	1.5204	1.5790	1.5875	1.5090	1.5659	1.5794	1.5922	0.8068
	1.3854	1.3252	1.3104	1.3726	1.3088	1.2909	1.2771	2.2742
11	1.4109	1.5652	1.5093	1.5017	1.4407	1.4382	1.5353	0.7735
	1.4619	1.3215	1.3723	1.3966	1.4101	1.4097	1.3435	2.4210
12	1.3867	1.5736	1.5662	1.4407	1.4507	1.6176	1.0903	
	1.4438	1.2893	1.3086	1.4101	1.3862	1.2449	1.7137	
13	1.5896	1.6264	1.5798	1.4384	1.6177	1.1547	0.6195	
	1.2489	1.2289	1.2905	1.4096	1.2448	1.5922	2.9476	
14	1.5678	1.5738	1.5926	1.5356	1.0906	0.6192		
	1.2644	1.2623	1.2768	1.3432	1.7133	2.9487		
15	0.8233	0.8039	0.8069	0.7737	F-SUB-Q			
	2.1802	2.2946	2.2735	2.4205	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	1.3709	1.4238	1.5195	1.4096	1.3910	1.5962	1.5802	0.8232
	1.5470	1.5011	1.4078	1.4871	1.4629	1.2633	1.2747	2.2176
9	1.4238	1.5888	1.5713	1.5649	1.5747	1.6302	1.5868	0.8048
	1.5011	1.3426	1.3516	1.3419	1.3081	1.2413	1.2720	2.3300
10	1.5195	1.5714	1.5797	1.5045	1.5752	1.5912	1.6102	0.8100
	1.4078	1.3515	1.3366	1.3974	1.3205	1.2995	1.2815	2.3000
11	1.4096	1.5651	1.5049	1.5033	1.4505	1.4612	1.5602	0.7814
	1.4871	1.3418	1.3971	1.4106	1.4268	1.4146	1.3401	2.4233
12	1.3910	1.5749	1.5755	1.4506	1.4645	1.6443	1.1079	
	1.4629	1.3079	1.3203	1.4267	1.4010	1.2500	1.7176	
13	1.5962	1.6310	1.5917	1.4614	1.6445	1.1715	0.6246	
	1.2633	1.2407	1.2991	1.4144	1.2499	1.6049	2.9885	
14	1.5802	1.5871	1.6106	1.5605	1.1083	0.6243		
	1.2747	1.2717	1.2812	1.3398	1.7171	2.9896		
15	0.8232	0.8052	0.8102	0.7815	F-SUB-Q			
	2.2176	2.3293	2.2993	2.4227	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3664	1.4223	1.5290	1.4066	1.4050	1.6142	1.6051	0.8204
	1.5724	1.5163	1.4129	1.5164	1.4760	1.2727	1.2789	2.2691
9	1.4223	1.5988	1.5737	1.5768	1.5876	1.6510	1.6112	0.8037
	1.5163	1.3477	1.3658	1.3539	1.3196	1.2479	1.2763	2.3781
10	1.5290	1.5738	1.5824	1.5095	1.5971	1.6135	1.6398	0.8096
	1.4129	1.3657	1.3554	1.4151	1.3238	1.3015	1.2785	2.3397
11	1.4066	1.5770	1.5098	1.5159	1.4671	1.4884	1.5926	0.7794
	1.5164	1.3537	1.4148	1.4122	1.4369	1.4146	1.3240	2.4554
12	1.4050	1.5879	1.5974	1.4672	1.4841	1.6774	1.1113	
	1.4760	1.3194	1.3235	1.4368	1.4082	1.2480	1.7417	
13	1.6142	1.6519	1.6140	1.4886	1.6775	1.1749	0.6225	
	1.2727	1.2472	1.3011	1.4144	1.2479	1.6307	3.0560	
14	1.6051	1.6115	1.6402	1.5930	1.1117	0.6223		
	1.2789	1.2760	1.2781	1.3237	1.7412	3.0568		
15	0.8204	0.8040	0.8098	0.7795	F-SUB-Q			
	2.2691	2.3774	2.3390	2.4549	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	1.3561	1.4149	1.5271	1.4008	1.4097	1.6240	1.6183	0.8183
	1.6102	1.5515	1.4401	1.5524	1.5039	1.2932	1.2970	2.3271
9	1.4149	1.5971	1.5679	1.5770	1.5923	1.6632	1.6240	0.8028
	1.5515	1.3713	1.3913	1.3767	1.3416	1.2656	1.2942	2.4333
10	1.5271	1.5681	1.5770	1.5069	1.6069	1.6263	1.6564	0.8092
	1.4401	1.3912	1.3798	1.4386	1.3373	1.3123	1.2876	2.3853
11	1.4008	1.5772	1.5072	1.5170	1.4745	1.5028	1.6116	0.7796
	1.5524	1.3766	1.4383	1.4360	1.4492	1.4206	1.3301	2.4894
12	1.4097	1.5925	1.6072	1.4745	1.4940	1.6957	1.1153	
	1.5039	1.3414	1.3370	1.4491	1.4213	1.2543	1.7593	
13	1.6240	1.6641	1.6269	1.5031	1.6958	1.1783	0.6209	
	1.2932	1.2649	1.3119	1.4204	1.2542	1.6550	3.1107	
14	1.6183	1.6244	1.6569	1.6120	1.1158	0.6206		
	1.2970	1.2939	1.2873	1.3298	1.7587	3.1113		
15	0.8183	0.8032	0.8093	0.7797	F-SUB-Q			
	2.3271	2.4325	2.3846	2.4889	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3498	1.4105	1.5303	1.3959	1.4189	1.6374	1.6360	0.8161
	1.6649	1.5913	1.4654	1.5923	1.5329	1.3160	1.3167	2.3951
9	1.4105	1.6015	1.5665	1.5828	1.6009	1.6791	1.6412	0.8020
	1.5913	1.3931	1.4198	1.4005	1.3650	1.2855	1.3138	2.4980
10	1.5303	1.5667	1.5763	1.5084	1.6215	1.6423	1.6770	0.8082
	1.4654	1.4196	1.4085	1.4664	1.3522	1.3262	1.2983	2.4409
11	1.3959	1.5830	1.5088	1.5234	1.4844	1.5196	1.6330	0.7783
	1.5923	1.4003	1.4660	1.4563	1.4766	1.4402	1.3394	2.5384
12	1.4189	1.6011	1.6219	1.4845	1.5059	1.7170	1.1163	
	1.5329	1.3647	1.3519	1.4765	1.4486	1.2708	1.8010	
13	1.6374	1.6801	1.6428	1.5198	1.7172	1.1788	0.6182	
	1.3160	1.2847	1.3258	1.4400	1.2706	1.6974	3.1993	
14	1.6360	1.6417	1.6774	1.6334	1.1168	0.6180		
	1.3167	1.3135	1.2979	1.3391	1.8004	3.1997		
15	0.8161	0.8024	0.8084	0.7784	F-SUB-Q			
	2.3951	2.4972	2.4401	2.5378	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	1.3254	1.3887	1.5010	1.3841	1.4011	1.6249	1.6198	0.8166
	1.7393	1.6553	1.5320	1.6510	1.5990	1.3662	1.3703	2.4669
9	1.3887	1.5722	1.5417	1.5564	1.5841	1.6677	1.6262	0.8028
	1.6553	1.4560	1.4810	1.4628	1.4171	1.3327	1.3655	2.5692
10	1.5010	1.5419	1.5518	1.4875	1.6030	1.6314	1.6627	0.8094
	1.5320	1.4809	1.4692	1.5267	1.4043	1.3708	1.3442	2.5014
11	1.3841	1.5566	1.4878	1.4988	1.4709	1.5070	1.6208	0.7852
	1.6510	1.4626	1.5264	1.5164	1.5360	1.4978	1.3808	2.5785
12	1.4011	1.5844	1.6034	1.4710	1.4941	1.7025	1.1255	
	1.5990	1.4169	1.4040	1.5359	1.5098	1.3245	1.8359	
13	1.6249	1.6687	1.6319	1.5072	1.7027	1.1872	0.6207	
	1.3662	1.3319	1.3703	1.4975	1.3244	1.7430	3.2901	
14	1.6198	1.6266	1.6632	1.6212	1.1260	0.6205		
	1.3703	1.3652	1.3438	1.3804	1.8353	3.2908		
15	0.8166	0.8032	0.8096	0.7854	F-SUB-Q			
	2.4669	2.5684	2.5006	2.5779	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3276	1.3921	1.5182	1.3811	1.4214	1.6498	1.6522	0.8122
	1.7901	1.7051	1.5643	1.7082	1.6304	1.3923	1.3903	2.5652
9	1.3921	1.5915	1.5513	1.5762	1.6036	1.6956	1.6576	0.8005
	1.7051	1.4857	1.5203	1.4906	1.4452	1.3557	1.3863	2.6628
10	1.5182	1.5514	1.5621	1.4989	1.6316	1.6589	1.6978	0.8062
	1.5643	1.5202	1.5071	1.5642	1.4231	1.3901	1.3574	2.5891
11	1.3811	1.5764	1.4992	1.5184	1.4902	1.5345	1.6554	0.7772
	1.7082	1.4904	1.5639	1.5441	1.5582	1.5109	1.3936	2.6859
12	1.4214	1.6039	1.6320	1.4903	1.5155	1.7377	1.1193	
	1.6304	1.4450	1.4227	1.5581	1.5300	1.3342	1.8976	
13	1.6498	1.6966	1.6595	1.5348	1.7379	1.1813	0.6142	
	1.3923	1.3550	1.3896	1.5106	1.3340	1.8029	3.4094	
14	1.6522	1.6581	1.6984	1.6558	1.1198	0.6141		
	1.3903	1.3860	1.3570	1.3933	1.8969	3.4096		
15	0.8122	0.8009	0.8063	0.7774	F-SUB-Q			
	2.5652	2.6619	2.5883	2.6853	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	1.3174	1.3837	1.5131	1.3746	1.4230	1.6560	1.6606	0.8106
	1.8449	1.7509	1.6055	1.7597	1.6911	1.4406	1.4368	2.6673
9	1.3837	1.5868	1.5440	1.5731	1.6049	1.7038	1.6659	0.8001
	1.7509	1.5309	1.5706	1.5454	1.4975	1.4010	1.4324	2.7636
10	1.5131	1.5442	1.5553	1.4943	1.6364	1.6673	1.7082	0.8054
	1.6055	1.5704	1.5596	1.6253	1.4699	1.4329	1.3980	2.6838
11	1.3746	1.5733	1.4947	1.5160	1.4931	1.5421	1.6669	0.7769
	1.7597	1.5452	1.6250	1.6018	1.6102	1.5564	1.4341	2.7781
12	1.4230	1.6051	1.6369	1.4932	1.5203	1.7483	1.1211	
	1.6911	1.4973	1.4695	1.6101	1.5788	1.3729	1.9615	
13	1.6560	1.7048	1.6679	1.5424	1.7485	1.1829	0.6124	
	1.4406	1.4002	1.4324	1.5561	1.3727	1.8629	3.5346	
14	1.6606	1.6664	1.7087	1.6673	1.1216	0.6122		
	1.4368	1.4320	1.3976	1.4337	1.9608	3.5348		
15	0.8106	0.8005	0.8055	0.7771	F-SUB-Q			
	2.6673	2.7627	2.6830	2.7775	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.2959	* 1.3642	* 1.4876	* 1.3631	* 1.4076	* 1.6459	* 1.6474	* 0.8103
	* 1.8255	* 1.7286	* 1.5898	* 1.7274	* 1.6814	* 1.4428	* 1.4427	* 2.6603
9	* 1.3642	* 1.5615	* 1.5222	* 1.5501	* 1.5904	* 1.6947	* 1.6533	* 0.8003
	* 1.7286	* 1.5149	* 1.5513	* 1.5275	* 1.4930	* 1.4035	* 1.4381	* 2.7588
10	* 1.4876	* 1.5224	* 1.5340	* 1.4756	* 1.6208	* 1.6588	* 1.6968	* 0.8057
	* 1.5898	* 1.5511	* 1.5401	* 1.6038	* 1.4701	* 1.4403	* 1.4090	* 2.6866
11	* 1.3631	* 1.5503	* 1.4760	* 1.4946	* 1.4816	* 1.5314	* 1.6569	* 0.7824
	* 1.7274	* 1.5273	* 1.6035	* 1.5891	* 1.6260	* 1.5740	* 1.4514	* 2.7689
12	* 1.4076	* 1.5906	* 1.6212	* 1.4817	* 1.5103	* 1.7362	* 1.1278	
	* 1.6814	* 1.4928	* 1.4697	* 1.6258	* 1.6047	* 1.3995	* 1.9616	
13	* 1.6459	* 1.6957	* 1.6594	* 1.5317	* 1.7365	* 1.1888	* 0.6135	
	* 1.4428	* 1.4026	* 1.4398	* 1.5735	* 1.3993	* 1.8737	* 3.5710	
14	* 1.6474	* 1.6538	* 1.6974	* 1.6574	* 1.1283	* 0.6134		
	* 1.4427	* 1.4377	* 1.4085	* 1.4510	* 1.9608	* 3.5714		
15	* 0.8103	* 0.8007	* 0.8059	* 0.7826	* F-SUB-Q			
	* 2.6603	* 2.7578	* 2.6858	* 2.7682	* 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	* 1.2957	* 1.3651	* 1.5013	* 1.3576	* 1.4247	* 1.6683	* 1.6772	* 0.8046
	* 1.7823	* 1.6852	* 1.5373	* 1.6918	* 1.6235	* 1.3907	* 1.3846	* 2.6119
9	* 1.3651	* 1.5774	* 1.5288	* 1.5665	* 1.6063	* 1.7199	* 1.6825	* 0.7968
	* 1.6852	* 1.4643	* 1.5082	* 1.4762	* 1.4436	* 1.3509	* 1.3808	* 2.7015
10	* 1.5013	* 1.5290	* 1.5412	* 1.4837	* 1.6462	* 1.6838	* 1.7293	* 0.8012
	* 1.5373	* 1.5080	* 1.4968	* 1.5575	* 1.4135	* 1.3850	* 1.3497	* 2.6338
11	* 1.3576	* 1.5668	* 1.4841	* 1.5108	* 1.4981	* 1.5560	* 1.6890	* 0.7733
	* 1.6918	* 1.4760	* 1.5571	* 1.5349	* 1.5674	* 1.5089	* 1.3886	* 2.7300
12	* 1.4247	* 1.6066	* 1.6466	* 1.4982	* 1.5291	* 1.7682	* 1.1198	
	* 1.6235	* 1.4433	* 1.4131	* 1.5673	* 1.5446	* 1.3393	* 1.9246	
13	* 1.6683	* 1.7209	* 1.6845	* 1.5564	* 1.7685	* 1.1809	* 0.6061	
	* 1.3907	* 1.3501	* 1.3845	* 1.5085	* 1.3390	* 1.8372	* 3.5184	
14	* 1.6772	* 1.6830	* 1.7298	* 1.6895	* 1.1204	* 0.6060		
	* 1.3846	* 1.3804	* 1.3492	* 1.3882	* 1.9238	* 3.5182		
15	* 0.8046	* 0.7972	* 0.8013	* 0.7735	* F-SUB-Q			
	* 2.6119	* 2.7005	* 2.6330	* 2.7293	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2871	1.3583	1.4995	1.3508	1.4282	1.6773	1.6893	0.8014
	1.7291	1.6320	1.4832	1.6393	1.5629	1.3376	1.3286	2.5291
9	1.3583	1.5764	1.5239	1.5666	1.6094	1.7308	1.6944	0.7949
	1.6320	1.4123	1.4583	1.4230	1.3920	1.2985	1.3251	2.6117
10	1.4995	1.5241	1.5367	1.4809	1.6543	1.6950	1.7435	0.7988
	1.4832	1.4581	1.4470	1.5046	1.3589	1.3307	1.2942	2.5460
11	1.3508	1.5669	1.4813	1.5112	1.5027	1.5660	1.7041	0.7709
	1.6393	1.4228	1.5042	1.4793	1.5105	1.4476	1.3301	2.6379
12	1.4282	1.6097	1.6547	1.5028	1.5358	1.7819	1.1185	
	1.5629	1.3918	1.3585	1.5104	1.4891	1.2865	1.8582	
13	1.6773	1.7319	1.6956	1.5663	1.7823	1.1791	0.6024	
	1.3376	1.2977	1.3303	1.4472	1.2863	1.7777	3.4057	
14	1.6893	1.6949	1.7441	1.7046	1.1191	0.6023		
	1.3286	1.3247	1.2937	1.3297	1.8574	3.4054		
15	0.8014	0.7953	0.7990	0.7711	F-SUB-Q			
	2.5291	2.6107	2.5452	2.6372	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	1.2762	1.3487	1.4907	1.3436	1.4260	1.6793	1.6920	0.8005
	1.6867	1.5898	1.4432	1.5942	1.5150	1.2925	1.2834	2.4512
9	1.3487	1.5683	1.5147	1.5621	1.6068	1.7342	1.6974	0.7947
	1.5898	1.3732	1.4193	1.3826	1.3488	1.2535	1.2798	2.5285
10	1.4907	1.5149	1.5278	1.4737	1.6542	1.6983	1.7479	0.7983
	1.4432	1.4191	1.4078	1.4625	1.3145	1.2840	1.2481	2.4646
11	1.3436	1.5624	1.4741	1.5052	1.5013	1.5679	1.7089	0.7714
	1.5942	1.3824	1.4621	1.4367	1.4604	1.3968	1.2814	2.5491
12	1.4260	1.6071	1.6547	1.5015	1.5358	1.7854	1.1205	
	1.5150	1.3486	1.3141	1.4603	1.4377	1.2390	1.7913	
13	1.6793	1.7353	1.6990	1.5683	1.7858	1.1808	0.6014	
	1.2925	1.2527	1.2835	1.3964	1.2388	1.7130	3.2935	
14	1.6920	1.6979	1.7485	1.7094	1.1211	0.6013		
	1.2834	1.2794	1.2477	1.2810	1.7905	3.2932		
15	0.8005	0.7952	0.7985	0.7716	F-SUB-Q			
	2.4512	2.5275	2.4638	2.5484	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2611	1.3354	1.4726	1.3378	1.4147	1.6723	1.6822	0.8025
	1.7883	1.6832	1.5321	1.6796	1.6021	1.3607	1.3534	2.5657
9	1.3354	1.5491	1.4989	1.5468	1.5959	1.7281	1.6879	0.7967
	1.6832	1.4577	1.5037	1.4662	1.4237	1.3187	1.3493	2.6465
10	1.4726	1.4992	1.5123	1.4602	1.6416	1.6919	1.7387	0.8004
	1.5321	1.5035	1.4912	1.5476	1.3884	1.3503	1.3146	2.5777
11	1.3378	1.5470	1.4606	1.4885	1.4919	1.5588	1.7009	0.7783
	1.6796	1.4660	1.5472	1.5231	1.5374	1.4715	1.3476	2.6476
12	1.4147	1.5963	1.6421	1.4920	1.5274	1.7752	1.1286	
	1.6021	1.4234	1.3880	1.5372	1.5110	1.3021	1.8609	
13	1.6724	1.7292	1.6926	1.5592	1.7755	1.1883	0.6035	
	1.3607	1.3179	1.3497	1.4710	1.3018	1.7788	3.4330	
14	1.6822	1.6884	1.7394	1.7014	1.1292	0.6035		
	1.3534	1.3489	1.3141	1.3472	1.8600	3.4329		
15	0.8025	0.7971	0.8006	0.7785	F-SUB-Q			
	2.5657	2.6455	2.5769	2.6468	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	1.2691	1.3443	1.4961	1.3403	1.4388	1.7015	1.7195	0.7988
	1.7237	1.6260	1.4668	1.6332	1.5356	1.3028	1.2900	2.5130
9	1.3443	1.5748	1.5143	1.5739	1.6187	1.7599	1.7244	0.7950
	1.6260	1.3954	1.4485	1.4035	1.3674	1.2612	1.2868	2.5855
10	1.4961	1.5145	1.5281	1.4757	1.6741	1.7222	1.7773	0.7970
	1.4668	1.4483	1.4364	1.4908	1.3262	1.2913	1.2520	2.5219
11	1.3403	1.5742	1.4761	1.5126	1.5118	1.5867	1.7372	0.7693
	1.6332	1.4032	1.4904	1.4594	1.4731	1.4037	1.2833	2.6078
12	1.4388	1.6190	1.6746	1.5119	1.5490	1.8109	1.1198	
	1.5356	1.3671	1.3258	1.4730	1.4435	1.2378	1.8225	
13	1.7015	1.7611	1.7229	1.5872	1.8113	1.1798	0.5961	
	1.3028	1.2603	1.2908	1.4033	1.2376	1.7375	3.3770	
14	1.7195	1.7249	1.7780	1.7378	1.1204	0.5961		
	1.2900	1.2864	1.2516	1.2828	1.8217	3.3764		
15	0.7988	0.7954	0.7972	0.7695	F-SUB-Q			
	2.5130	2.5845	2.5211	2.6071	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2691	1.3447	1.4992	1.3415	1.4456	1.7140	1.7320	0.8002
	1.6600	1.5691	1.4137	1.5764	1.4771	1.2499	1.2377	2.4296
9	1.3447	1.5790	1.5172	1.5796	1.6267	1.7738	1.7365	0.7971
	1.5691	1.3439	1.3960	1.3509	1.3141	1.2089	1.2348	2.4973
10	1.4992	1.5175	1.5316	1.4795	1.6832	1.7335	1.7890	0.7977
	1.4137	1.3958	1.3840	1.4362	1.2738	1.2386	1.2011	2.4385
11	1.3415	1.5799	1.4799	1.5163	1.5153	1.5934	1.7454	0.7691
	1.5764	1.3506	1.4358	1.4060	1.4153	1.3487	1.2319	2.5223
12	1.4456	1.6271	1.6837	1.5154	1.5529	1.8171	1.1192	
	1.4771	1.3138	1.2734	1.4152	1.3837	1.1861	1.7579	
13	1.7140	1.7750	1.7342	1.5939	1.8175	1.1792	0.5938	
	1.2499	1.2081	1.2381	1.3483	1.1858	1.6718	3.2729	
14	1.7320	1.7371	1.7897	1.7460	1.1198	0.5939		
	1.2377	1.2344	1.2006	1.2315	1.7570	3.2723		
15	0.8002	0.7976	0.7979	0.7693	F-SUB-Q			
	2.4296	2.4962	2.4376	2.5215	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	1.2587	1.3341	1.4757	1.3385	1.4300	1.7054	1.7123	0.8076
	1.6241	1.5355	1.3949	1.5337	1.4504	1.2190	1.2152	2.3402
9	1.3341	1.5552	1.5045	1.5583	1.6172	1.7647	1.7171	0.8035
	1.5355	1.3249	1.3671	1.3300	1.2830	1.1792	1.2120	2.4081
10	1.4757	1.5047	1.5196	1.4684	1.6625	1.7209	1.7658	0.8027
	1.3949	1.3669	1.3547	1.4052	1.2517	1.2102	1.1803	2.3541
11	1.3385	1.5585	1.4688	1.4937	1.4977	1.5686	1.7165	0.7778
	1.5337	1.3297	1.4048	1.3859	1.3873	1.3286	1.2142	2.4218
12	1.4300	1.6175	1.6630	1.4979	1.5335	1.7832	1.1252	
	1.4504	1.2828	1.2514	1.3872	1.3566	1.1696	1.6952	
13	1.7054	1.7659	1.7216	1.5691	1.7836	1.1847	0.5972	
	1.2190	1.1784	1.2097	1.3282	1.1693	1.6114	3.1570	
14	1.7123	1.7177	1.7665	1.7171	1.1258	0.5972		
	1.2152	1.2116	1.1798	1.2138	1.6944	3.1567		
15	0.8076	0.8039	0.8029	0.7781	F-SUB-Q			
	2.3402	2.4071	2.3533	2.4211	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.8100 to 3.1569. Includes labels F-SUB-Q and M-SUB-Q at the bottom of the table.

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.8180 to 3.2576. Includes labels F-SUB-Q and M-SUB-Q at the bottom of the table.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0643	1.1891	1.4969	1.2209	1.5713	1.4889	1.6489	0.7571
	1.8212	1.6327	1.3015	1.5978	1.2471	1.3185	1.1916	2.3702
9	1.1891	1.5822	1.3015	1.5493	1.4409	1.5392	1.6895	0.7769
	1.6327	1.2312	1.4948	1.2630	1.3588	1.2756	1.1629	2.3637
10	1.4969	1.3017	1.2398	1.2957	1.5317	1.4964	1.6719	0.7326
	1.3015	1.4946	1.5719	1.5088	1.2821	1.3128	1.1758	2.4468
11	1.2209	1.5495	1.2960	1.4116	1.3013	1.6381	1.5209	0.6569
	1.5978	1.2628	1.5084	1.3890	1.5072	1.1999	1.2923	2.7202
12	1.5713	1.4411	1.5321	1.3014	1.2230	1.5019	0.9690	
	1.2471	1.3586	1.2818	1.5070	1.6051	1.3091	1.8615	
13	1.4889	1.5401	1.4969	1.6386	1.5023	0.9106	0.4646	
	1.3185	1.2749	1.3123	1.1996	1.3088	1.9809	3.8504	
14	1.6489	1.6900	1.6725	1.5215	0.9695	0.4645		
	1.1916	1.1626	1.1754	1.2919	1.8607	3.8506		
15	0.7571	0.7773	0.7328	0.6571	F-SUB-Q			
	2.3702	2.3629	2.4459	2.7194	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	0.4926	0.5512	0.6588	0.5815	0.6970	0.6128	0.6495	0.3348
	3.9104	3.5001	2.9361	3.3330	2.7892	3.1779	3.0039	5.3327
9	0.5512	0.6441	0.5634	0.6683	0.6149	0.6270	0.6482	0.3432
	3.5001	3.0004	3.4315	2.9051	3.1573	3.1080	3.0103	5.3226
10	0.6588	0.5634	0.5260	0.5802	0.6698	0.6127	0.6350	0.3254
	2.9361	3.4311	3.6808	3.3468	2.9086	3.1826	3.0745	5.4795
11	0.5815	0.6684	0.5804	0.6222	0.5702	0.6607	0.5883	0.2833
	3.3330	2.9048	3.3461	3.1282	3.4147	2.9537	3.3204	6.2770
12	0.6970	0.6150	0.6700	0.5703	0.5131	0.5789	0.4116	
	2.7892	3.1570	2.9080	3.4140	3.7970	3.3733	4.3577	
13	0.6128	0.6272	0.6129	0.6608	0.5790	0.3805	0.2029	
	3.1779	3.1066	3.1815	2.9530	3.3725	4.7131	8.7762	
14	0.6495	0.6484	0.6353	0.5885	0.4118	0.2030		
	3.0039	3.0094	3.0735	3.3194	4.3561	8.7700		
15	0.3348	0.3434	0.3255	0.2834	F-SUB-Q			
	5.3327	5.3212	5.4774	6.2750	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.4167	* 0.4788	* 0.5595	* 0.4982	* 0.5711	* 0.4911	* 0.4960	* 0.2791
	* 4.0902	* 4.0277	* 3.4409	* 3.7610	* 3.2684	* 3.7728	* 3.7153	* 5.9460
9	* 0.4788	* 0.5429	* 0.4900	* 0.5597	* 0.5101	* 0.4907	* 0.4937	* 0.2830
	* 4.0277	* 3.5713	* 3.9097	* 3.3710	* 3.6785	* 3.7887	* 3.7513	* 6.0183
10	* 0.5595	* 0.4900	* 0.4628	* 0.4939	* 0.5456	* 0.4794	* 0.4778	* 0.2692
	* 3.4409	* 3.9094	* 4.1416	* 3.8731	* 3.5207	* 3.9914	* 3.9625	* 6.2675
11	* 0.4982	* 0.5597	* 0.4940	* 0.5210	* 0.4534	* 0.5031	* 0.4462	* 0.2328
	* 3.7610	* 3.3709	* 3.8724	* 3.7004	* 4.1822	* 3.7682	* 4.3001	* 7.4334
12	* 0.5711	* 0.5101	* 0.5456	* 0.4534	* 0.3885	* 0.4211	* 0.3189	*
	* 3.2684	* 3.6783	* 3.5202	* 4.1819	* 4.4905	* 4.2337	* 5.3446	*
13	* 0.4911	* 0.4909	* 0.4795	* 0.5032	* 0.4211	* 0.2872	* 0.1704	*
	* 3.7728	* 3.7875	* 3.9905	* 3.7676	* 4.2330	* 5.5147	* 9.6665	*
14	* 0.4960	* 0.4938	* 0.4779	* 0.4463	* 0.3190	* 0.1704	*	*
	* 3.7153	* 3.7506	* 3.9617	* 4.2992	* 5.3430	* 9.6613	*	*
15	* 0.2791	* 0.2831	* 0.2693	* 0.2329	* F-SUB-Q			
	* 5.9460	* 6.0173	* 6.2658	* 7.4318	* 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	* 0.9024	* 1.0012	* 1.1881	* 1.0169	* 1.1960	* 1.1058	* 1.1661	* 0.6307
	* 2.0681	* 1.9646	* 1.6460	* 1.8789	* 1.5909	* 1.7098	* 1.6115	* 2.6867
9	* 1.0012	* 1.2464	* 1.0801	* 1.2163	* 1.1349	* 1.1136	* 1.1894	* 0.6346
	* 1.9646	* 1.5830	* 1.8103	* 1.5840	* 1.6858	* 1.7033	* 1.5872	* 2.7459
10	* 1.1881	* 1.0802	* 1.0322	* 1.0550	* 1.1655	* 1.0827	* 1.1598	* 0.6060
	* 1.6460	* 1.8102	* 1.9002	* 1.8506	* 1.6850	* 1.7982	* 1.6623	* 2.8408
11	* 1.0169	* 1.2163	* 1.0552	* 1.1161	* 0.9979	* 1.1691	* 1.0596	* 0.5386
	* 1.8789	* 1.5839	* 1.8503	* 1.7495	* 1.9280	* 1.6492	* 1.8263	* 3.2759
12	* 1.1960	* 1.1349	* 1.1656	* 0.9980	* 0.8947	* 1.0390	* 0.7412	*
	* 1.5909	* 1.6857	* 1.6848	* 1.9278	* 2.0308	* 1.7921	* 2.3432	*
13	* 1.1058	* 1.1140	* 1.0829	* 1.1693	* 1.0392	* 0.6914	* 0.3954	*
	* 1.7098	* 1.7027	* 1.7977	* 1.6490	* 1.7918	* 2.4108	* 4.2618	*
14	* 1.1661	* 1.1897	* 1.1600	* 1.0598	* 0.7414	* 0.3954	*	*
	* 1.6115	* 1.5869	* 1.6619	* 1.8260	* 2.3426	* 4.2620	*	*
15	* 0.6307	* 0.6348	* 0.6061	* 0.5387	* F-SUB-Q			
	* 2.6867	* 2.7454	* 2.8400	* 3.2753	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1198	1.1963	1.3055	1.2045	1.2434	1.3099	1.3030	0.7414
	1.7617	1.6746	1.5238	1.6308	1.5464	1.4573	1.4635	2.3180
9	1.1963	1.3411	1.3091	1.3301	1.3227	1.3348	1.3142	0.7310
	1.6746	1.4993	1.5216	1.4828	1.4680	1.4411	1.4545	2.4116
10	1.3055	1.3092	1.2760	1.2440	1.2949	1.2942	1.3056	0.7144
	1.5238	1.5215	1.5610	1.5930	1.5265	1.5174	1.4990	2.4439
11	1.2045	1.3302	1.2442	1.2378	1.2029	1.2341	1.2545	0.6609
	1.6308	1.4827	1.5927	1.6153	1.6285	1.5905	1.5647	2.7074
12	1.2434	1.3228	1.2950	1.2030	1.1444	1.2560	0.9009	
	1.5464	1.4679	1.5262	1.6284	1.6733	1.5240	1.9621	
13	1.3099	1.3353	1.2945	1.2343	1.2561	0.8902	0.4970	
	1.4573	1.4406	1.5170	1.5902	1.5238	1.9405	3.4622	
14	1.3030	1.3144	1.3058	1.2547	0.9011	0.4968		
	1.4635	1.4542	1.4987	1.5644	1.9616	3.4631		
15	0.7414	0.7313	0.7146	0.6610	F-SUB-Q			
	2.3180	2.4110	2.4432	2.7069	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	1.2327	1.3124	1.4665	1.3162	1.3856	1.4530	1.4673	0.7922
	1.6388	1.5567	1.3809	1.5167	1.4090	1.3326	1.3189	2.2024
9	1.3124	1.5025	1.4428	1.4838	1.4528	1.4765	1.4748	0.7815
	1.5567	1.3629	1.4055	1.3510	1.3600	1.3180	1.3151	2.2946
10	1.4665	1.4429	1.4096	1.3649	1.4436	1.4363	1.4749	0.7645
	1.3809	1.4053	1.4351	1.4746	1.3840	1.3841	1.3485	2.3229
11	1.3162	1.4838	1.3653	1.3796	1.3255	1.3856	1.4246	0.7134
	1.5167	1.3509	1.4743	1.4749	1.5062	1.4426	1.4016	2.5453
12	1.3856	1.4529	1.4439	1.3256	1.2762	1.4350	0.9813	
	1.4090	1.3600	1.3837	1.5061	1.5297	1.3597	1.8363	
13	1.4530	1.4771	1.4367	1.3859	1.4351	0.9811	0.5406	
	1.3326	1.3174	1.3837	1.4423	1.3596	1.8025	3.2515	
14	1.4673	1.4751	1.4752	1.4248	0.9816	0.5404		
	1.3189	1.3148	1.3482	1.4013	1.8359	3.2525		
15	0.7922	0.7818	0.7646	0.7135	F-SUB-Q			
	2.2024	2.2941	2.3222	2.5448	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2799	1.3709	1.5525	1.3745	1.4667	1.5274	1.5582	0.8263
	1.6158	1.5234	1.3289	1.4798	1.3551	1.2894	1.2634	2.1499
9	1.3709	1.5892	1.5075	1.5652	1.5220	1.5526	1.5670	0.8166
	1.5234	1.3154	1.3705	1.3043	1.3218	1.2736	1.2589	2.2355
10	1.5525	1.5076	1.4664	1.4218	1.5255	1.5151	1.5719	0.8005
	1.3289	1.3704	1.4043	1.4408	1.3320	1.3350	1.2873	2.2558
11	1.3745	1.5652	1.4221	1.4509	1.3929	1.4794	1.5266	0.7490
	1.4798	1.3042	1.4404	1.4308	1.4641	1.3796	1.3348	2.4635
12	1.4667	1.5221	1.5258	1.3931	1.3420	1.5353	1.0381	
	1.3551	1.3218	1.3317	1.4640	1.4850	1.3014	1.7747	
13	1.5274	1.5535	1.5156	1.4797	1.5355	1.0336	0.5656	
	1.2894	1.2729	1.3346	1.3794	1.3013	1.7520	3.1832	
14	1.5582	1.5673	1.5723	1.5268	1.0384	0.5654		
	1.2634	1.2587	1.2870	1.3346	1.7743	3.1840		
15	0.8263	0.8169	0.8006	0.7491	F-SUB-Q			
	2.1499	2.2349	2.2551	2.4630	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	1.3028	1.4027	1.5993	1.4085	1.5146	1.5745	1.6147	0.8512
	1.6210	1.5180	1.3162	1.4749	1.3402	1.2767	1.2444	2.1319
9	1.4027	1.6353	1.5427	1.6107	1.5642	1.6021	1.6252	0.8427
	1.5180	1.3012	1.3664	1.2939	1.3133	1.2593	1.2387	2.2120
10	1.5993	1.5429	1.4956	1.4538	1.5747	1.5661	1.6340	0.8267
	1.3162	1.3663	1.4044	1.4371	1.3152	1.3151	1.2624	2.2262
11	1.4085	1.6107	1.4541	1.4896	1.4349	1.5389	1.5922	0.7769
	1.4749	1.2938	1.4368	1.4172	1.4508	1.3528	1.3043	2.4142
12	1.5146	1.5643	1.5750	1.4351	1.3830	1.5966	1.0799	
	1.3402	1.3133	1.3149	1.4507	1.4764	1.2832	1.7455	
13	1.5745	1.6030	1.5666	1.5392	1.5968	1.0695	0.5824	
	1.2767	1.2586	1.3147	1.3526	1.2830	1.7390	3.1741	
14	1.6147	1.6255	1.6344	1.5925	1.0803	0.5821		
	1.2444	1.2385	1.2621	1.3040	1.7451	3.1750		
15	0.8512	0.8430	0.8269	0.7770	F-SUB-Q			
	2.1319	2.2114	2.2255	2.4137	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3245	1.4308	1.6459	1.4393	1.5649	1.6238	1.6749	0.8675
	1.6261	1.5127	1.3073	1.4777	1.3293	1.2681	1.2290	2.1441
9	1.4308	1.6815	1.5772	1.6581	1.6073	1.6538	1.6855	0.8607
	1.5127	1.2866	1.3663	1.2864	1.3090	1.2490	1.2232	2.2182
10	1.6459	1.5773	1.5260	1.4862	1.6272	1.6187	1.6991	0.8442
	1.3073	1.3662	1.4068	1.4365	1.3001	1.2985	1.2393	2.2328
11	1.4393	1.6582	1.4866	1.5310	1.4768	1.5996	1.6587	0.7907
	1.4777	1.2863	1.4361	1.4021	1.4366	1.3228	1.2717	2.4138
12	1.5649	1.6074	1.6275	1.4769	1.4239	1.6580	1.1039	
	1.3293	1.3090	1.2998	1.4365	1.4692	1.2659	1.7452	
13	1.6238	1.6547	1.6191	1.5999	1.6582	1.0890	0.5900	
	1.2681	1.2483	1.2981	1.3225	1.2657	1.7503	3.2114	
14	1.6749	1.6858	1.6995	1.6591	1.1043	0.5898		
	1.2290	1.2229	1.2389	1.2715	1.7447	3.2119		
15	0.8675	0.8611	0.8444	0.7909	F-SUB-Q			
	2.1441	2.2176	2.2321	2.4133	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	1.3346	1.4465	1.6724	1.4576	1.5969	1.6579	1.7162	0.8805
	1.6538	1.5349	1.3160	1.4986	1.3400	1.2773	1.2336	2.1734
9	1.4465	1.7075	1.5966	1.6859	1.6350	1.6901	1.7271	0.8750
	1.5349	1.2984	1.3813	1.2986	1.3226	1.2561	1.2272	2.2428
10	1.6724	1.5967	1.5425	1.5052	1.6616	1.6557	1.7441	0.8580
	1.3160	1.3811	1.4226	1.4509	1.3035	1.2981	1.2334	2.2545
11	1.4576	1.6859	1.5056	1.5549	1.5043	1.6427	1.7050	0.8035
	1.4986	1.2986	1.4505	1.4095	1.4421	1.3170	1.2660	2.4201
12	1.5969	1.6351	1.6620	1.5044	1.4512	1.6994	1.1243	
	1.3400	1.3225	1.3032	1.4420	1.4738	1.2617	1.7499	
13	1.6579	1.6910	1.6562	1.6431	1.6996	1.1054	0.5961	
	1.2773	1.2554	1.2977	1.3167	1.2616	1.7655	3.2451	
14	1.7162	1.7274	1.7445	1.7053	1.1247	0.5959		
	1.2336	1.2269	1.2331	1.2658	1.7494	3.2454		
15	0.8805	0.8754	0.8582	0.8036	F-SUB-Q			
	2.1734	2.2421	2.2538	2.4196	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3435	1.4592	1.6982	1.4726	1.6278	1.6896	1.7558	0.8896
	1.7034	1.5610	1.3331	1.5289	1.3576	1.2942	1.2453	2.2217
9	1.4592	1.7321	1.6135	1.7121	1.6603	1.7240	1.7667	0.8856
	1.5610	1.3108	1.4040	1.3173	1.3419	1.2706	1.2383	2.2864
10	1.6982	1.6136	1.5576	1.5226	1.6950	1.6900	1.7868	0.8677
	1.3331	1.4038	1.4476	1.4738	1.3124	1.3060	1.2357	2.2930
11	1.4726	1.7122	1.5230	1.5793	1.5291	1.6842	1.7482	0.8117
	1.5289	1.3172	1.4735	1.4232	1.4632	1.3189	1.2666	2.4547
12	1.6278	1.6604	1.6954	1.5293	1.4760	1.7387	1.1378	
	1.3576	1.3418	1.3122	1.4631	1.4986	1.2730	1.7829	
13	1.6896	1.7250	1.6905	1.6846	1.7389	1.1158	0.5994	
	1.2942	1.2699	1.3056	1.3186	1.2728	1.8060	3.3254	
14	1.7558	1.7671	1.7873	1.7486	1.1382	0.5992		
	1.2453	1.2380	1.2354	1.2664	1.7824	3.3256		
15	0.8896	0.8860	0.8679	0.8118	F-SUB-Q			
	2.2217	2.2857	2.2923	2.4542	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	1.3313	1.4505	1.6840	1.4665	1.6202	1.6908	1.7547	0.8993
	1.7702	1.6208	1.3915	1.5904	1.4144	1.3410	1.2920	2.2781
9	1.4505	1.7175	1.6022	1.6982	1.6555	1.7264	1.7675	0.8956
	1.6208	1.3650	1.4614	1.3739	1.3915	1.3147	1.2828	2.3419
10	1.6840	1.6024	1.5460	1.5142	1.6901	1.6934	1.7882	0.8777
	1.3915	1.4612	1.5077	1.5310	1.3598	1.3462	1.2752	2.3416
11	1.4665	1.6983	1.5146	1.5701	1.5271	1.6857	1.7505	0.8268
	1.5904	1.3738	1.5307	1.4727	1.5054	1.3558	1.3020	2.4851
12	1.6202	1.6557	1.6905	1.5272	1.4751	1.7379	1.1574	
	1.4144	1.3914	1.3595	1.5053	1.5557	1.3192	1.8067	
13	1.6908	1.7274	1.6940	1.6861	1.7381	1.1320	0.6069	
	1.3410	1.3140	1.3458	1.3555	1.3190	1.8502	3.4024	
14	1.7547	1.7679	1.7887	1.7509	1.1578	0.6068		
	1.2920	1.2826	1.2749	1.3017	1.8062	3.4026		
15	0.8993	0.8960	0.8779	0.8270	F-SUB-Q			
	2.2781	2.3412	2.3408	2.4846	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3398	1.4617	1.7139	1.4790	1.6551	1.7244	1.8003	0.9004
	1.8257	1.6718	1.4215	1.6388	1.4415	1.3688	1.3111	2.3666
9	1.4617	1.7461	1.6199	1.7291	1.6819	1.7625	1.8118	0.8992
	1.6718	1.3953	1.5028	1.4026	1.4226	1.3400	1.3023	2.4246
10	1.7139	1.6201	1.5621	1.5317	1.7279	1.7296	1.8369	0.8798
	1.4215	1.5026	1.5502	1.5695	1.3796	1.3671	1.2875	2.4226
11	1.4790	1.7292	1.5321	1.6010	1.5526	1.7322	1.7994	0.8231
	1.6388	1.4025	1.5691	1.4967	1.5335	1.3676	1.3131	2.5874
12	1.6551	1.6821	1.7283	1.5528	1.5011	1.7824	1.1574	
	1.4415	1.4225	1.3793	1.5334	1.5790	1.3292	1.8683	
13	1.7244	1.7635	1.7302	1.7326	1.7827	1.1304	0.6027	
	1.3688	1.3392	1.3666	1.3673	1.3290	1.9122	3.5306	
14	1.8003	1.8122	1.8374	1.7998	1.1579	0.6026		
	1.3111	1.3021	1.2872	1.3128	1.8677	3.5306		
15	0.9004	0.8997	0.8800	0.8233	F-SUB-Q			
	2.3666	2.4238	2.4220	2.5869	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	1.3334	1.4580	1.7156	1.4770	1.6624	1.7355	1.8161	0.9027
	1.8453	1.6861	1.4356	1.6617	1.4814	1.4199	1.3570	2.4619
9	1.4580	1.7465	1.6173	1.7311	1.6862	1.7753	1.8277	0.9029
	1.6861	1.4116	1.5205	1.4221	1.4621	1.3884	1.3474	2.5173
10	1.7156	1.6175	1.5588	1.5306	1.7378	1.7431	1.8551	0.8827
	1.4356	1.5203	1.5760	1.6073	1.4247	1.4128	1.3274	2.5130
11	1.4770	1.7312	1.5310	1.6057	1.5587	1.7494	1.8187	0.8260
	1.6617	1.4221	1.6069	1.5432	1.5899	1.4101	1.3530	2.6787
12	1.6624	1.6864	1.7382	1.5588	1.5085	1.7981	1.1633	
	1.4814	1.4620	1.4244	1.5897	1.6337	1.3704	1.9332	
13	1.7355	1.7763	1.7436	1.7498	1.7984	1.1340	0.6025	
	1.4199	1.3876	1.4123	1.4097	1.3701	1.9804	3.6659	
14	1.8161	1.8281	1.8556	1.8191	1.1638	0.6024		
	1.3570	1.3471	1.3270	1.3527	1.9326	3.6659		
15	0.9027	0.9033	0.8829	0.8262	F-SUB-Q			
	2.4619	2.5164	2.5124	2.6782	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3132	1.4397	1.6907	1.4604	1.6440	1.7262	1.8047	0.9046
	1.8319	1.6666	1.4221	1.6411	1.4633	1.3970	1.3389	2.4184
9	1.4397	1.7214	1.5960	1.7067	1.6705	1.7670	1.8179	0.9052
	1.6666	1.3985	1.5043	1.4083	1.4419	1.3666	1.3298	2.4761
10	1.6907	1.5962	1.5380	1.5131	1.7226	1.7360	1.8461	0.8851
	1.4221	1.5041	1.5597	1.5887	1.4046	1.3971	1.3171	2.4807
11	1.4604	1.7068	1.5135	1.5867	1.5469	1.7404	1.8106	0.8336
	1.6411	1.4083	1.5883	1.5263	1.5707	1.4029	1.3501	2.6350
12	1.6440	1.6707	1.7231	1.5471	1.4989	1.7872	1.1723	
	1.4633	1.4418	1.4042	1.5706	1.6377	1.3765	1.9080	
13	1.7262	1.7680	1.7366	1.7409	1.7876	1.1402	0.6042	
	1.3970	1.3658	1.3966	1.4025	1.3763	1.9686	3.6683	
14	1.8047	1.8183	1.8467	1.8111	1.1728	0.6041		
	1.3389	1.3295	1.3167	1.3498	1.9073	3.6682		
15	0.9046	0.9056	0.8853	0.8338	F-SUB-Q			
	2.4184	2.4752	2.4799	2.6344	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	1.3093	1.4377	1.7035	1.4597	1.6622	1.7446	1.8347	0.8978
	1.7929	1.6274	1.3776	1.6010	1.4147	1.3528	1.2890	2.3728
9	1.4377	1.7331	1.5987	1.7209	1.6811	1.7878	1.8466	0.9008
	1.6274	1.3561	1.4655	1.3630	1.4008	1.3221	1.2812	2.4232
10	1.7035	1.5989	1.5398	1.5177	1.7447	1.7589	1.8793	0.8797
	1.3776	1.4653	1.5198	1.5474	1.3564	1.3506	1.2661	2.4308
11	1.4597	1.7210	1.5181	1.6025	1.5586	1.7712	1.8447	0.8230
	1.6010	1.3629	1.5470	1.4757	1.5242	1.3486	1.2963	2.5980
12	1.6622	1.6813	1.7451	1.5588	1.5121	1.8166	1.1629	
	1.4147	1.4007	1.3561	1.5240	1.5867	1.3235	1.8777	
13	1.7446	1.7889	1.7595	1.7717	1.8169	1.1293	0.5953	
	1.3528	1.3213	1.3502	1.3483	1.3233	1.9413	3.6161	
14	1.8347	1.8470	1.8799	1.8452	1.1633	0.5953		
	1.2890	1.2809	1.2658	1.2959	1.8770	3.6159		
15	0.8978	0.9013	0.8799	0.8232	F-SUB-Q			
	2.3728	2.4223	2.4301	2.5974	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2943	1.4242	1.6945	1.4475	1.6584	1.7450	1.8406	0.8913
	1.7371	1.5732	1.3267	1.5471	1.3602	1.2987	1.2335	2.2929
9	1.4242	1.7230	1.5859	1.7128	1.6744	1.7898	1.8523	0.8958
	1.5732	1.3065	1.4151	1.3124	1.3486	1.2682	1.2261	2.3377
10	1.6945	1.5861	1.5266	1.5077	1.7442	1.7636	1.8878	0.8742
	1.3267	1.4149	1.4688	1.4935	1.3013	1.2942	1.2095	2.3450
11	1.4475	1.7129	1.5081	1.5975	1.5549	1.7785	1.8545	0.8175
	1.5471	1.3124	1.4931	1.4185	1.4643	1.2879	1.2364	2.5061
12	1.6584	1.6746	1.7447	1.5551	1.5103	1.8224	1.1572	
	1.3602	1.3485	1.3009	1.4642	1.5255	1.2663	1.8057	
13	1.7450	1.7909	1.7642	1.7790	1.8228	1.1218	0.5888	
	1.2987	1.2675	1.2938	1.2875	1.2660	1.8705	3.4985	
14	1.8406	1.8527	1.8884	1.8550	1.1577	0.5888		
	1.2335	1.2259	1.2091	1.2361	1.8050	3.4981		
15	0.8913	0.8962	0.8744	0.8177	F-SUB-Q			
	2.2929	2.3368	2.3443	2.5055	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	1.2730	1.4030	1.6719	1.4270	1.6412	1.7328	1.8300	0.8841
	1.6969	1.5346	1.2922	1.5088	1.3221	1.2578	1.1932	2.2247
9	1.4030	1.7002	1.5633	1.6907	1.6565	1.7787	1.8421	0.8893
	1.5346	1.2723	1.3797	1.2783	1.3109	1.2272	1.1856	2.2659
10	1.6719	1.5635	1.5050	1.4882	1.7300	1.7544	1.8789	0.8677
	1.2922	1.3795	1.4324	1.4549	1.2615	1.2511	1.1677	2.2724
11	1.4270	1.6908	1.4886	1.5800	1.5406	1.7691	1.8465	0.8123
	1.5088	1.2783	1.4545	1.3787	1.4203	1.2435	1.1922	2.4245
12	1.6412	1.6567	1.7304	1.5407	1.4979	1.8122	1.1512	
	1.3221	1.3108	1.2612	1.4201	1.4763	1.2217	1.7425	
13	1.7328	1.7798	1.7550	1.7697	1.8126	1.1148	0.5834	
	1.2578	1.2264	1.2507	1.2431	1.2214	1.8059	3.3897	
14	1.8300	1.8425	1.8795	1.8471	1.1517	0.5834		
	1.1932	1.1854	1.1673	1.1919	1.7418	3.3893		
15	0.8841	0.8898	0.8679	0.8125	F-SUB-Q			
	2.2247	2.2651	2.2718	2.4239	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2431	1.3730	1.6317	1.3975	1.6059	1.7052	1.7988	0.8766
	1.8078	1.6324	1.3784	1.6046	1.4080	1.3315	1.2644	2.3397
9	1.3730	1.6599	1.5285	1.6508	1.6244	1.7514	1.8119	0.8816
	1.6324	1.3565	1.4692	1.3638	1.3926	1.2982	1.2556	2.3832
10	1.6317	1.5288	1.4716	1.4572	1.6966	1.7286	1.8484	0.8605
	1.3784	1.4689	1.5258	1.5479	1.3397	1.3215	1.2354	2.3877
11	1.3975	1.6509	1.4576	1.5454	1.5130	1.7390	1.8171	0.8110
	1.6046	1.3637	1.5475	1.4677	1.5047	1.3158	1.2597	2.5292
12	1.6059	1.6246	1.6971	1.5131	1.4726	1.7813	1.1472	
	1.4080	1.3925	1.3394	1.5046	1.5596	1.2905	1.8181	
13	1.7052	1.7525	1.7292	1.7396	1.7817	1.1095	0.5792	
	1.3315	1.2974	1.3211	1.3154	1.2902	1.8844	3.5507	
14	1.7988	1.8123	1.8490	1.8177	1.1477	0.5791		
	1.2644	1.2553	1.2350	1.2593	1.8174	3.5504		
15	0.8766	0.8821	0.8607	0.8112	F-SUB-Q			
	2.3397	2.3823	2.3869	2.5286	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	1.2280	1.3572	1.6274	1.3822	1.6056	1.7035	1.8074	0.8580
	1.7567	1.5898	1.3313	1.5647	1.3589	1.2862	1.2143	2.3102
9	1.3572	1.6548	1.5159	1.6479	1.6168	1.7513	1.8187	0.8652
	1.5898	1.3098	1.4268	1.3170	1.3487	1.2525	1.2068	2.3466
10	1.6274	1.5162	1.4593	1.4462	1.6990	1.7293	1.8580	0.8428
	1.3313	1.4266	1.4829	1.5033	1.2896	1.2715	1.1838	2.3530
11	1.3822	1.6480	1.4466	1.5438	1.5060	1.7459	1.8267	0.7884
	1.5647	1.3169	1.5029	1.4147	1.4538	1.2607	1.2051	2.5087
12	1.6056	1.6170	1.6995	1.5062	1.4673	1.7876	1.1205	
	1.3589	1.3486	1.2893	1.4537	1.4991	1.2331	1.7887	
13	1.7035	1.7525	1.7299	1.7464	1.7880	1.0833	0.5626	
	1.2862	1.2517	1.2710	1.2603	1.2329	1.8502	3.5173	
14	1.8074	1.8192	1.8586	1.8273	1.1210	0.5627		
	1.2143	1.2065	1.1834	1.2048	1.7879	3.5166		
15	0.8580	0.8657	0.8430	0.7886	F-SUB-Q			
	2.3102	2.3456	2.3522	2.5081	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	1.1984	1.3252	1.5906	1.3502	1.5733	1.6751	1.7783	0.8395
	1.7273	1.5657	1.3103	1.5416	1.3352	1.2586	1.1876	2.2753
9	1.3252	1.6179	1.4818	1.6139	1.5852	1.7233	1.7889	0.8473
	1.5657	1.2883	1.4041	1.2956	1.3240	1.2247	1.1806	2.3087
10	1.5906	1.4821	1.4277	1.4152	1.6681	1.7000	1.8274	0.8245
	1.3103	1.4039	1.4586	1.4785	1.2640	1.2436	1.1575	2.3166
11	1.3502	1.6142	1.4157	1.5116	1.4756	1.7134	1.7947	0.7709
	1.5416	1.2955	1.4781	1.3902	1.4264	1.2348	1.1787	2.4701
12	1.5733	1.5853	1.6686	1.4758	1.4388	1.7550	1.0963	
	1.3352	1.3238	1.2637	1.4262	1.4649	1.2050	1.7570	
13	1.6751	1.7244	1.7006	1.7139	1.7554	1.0603	0.5489	
	1.2586	1.2239	1.2431	1.2344	1.2047	1.8135	3.4670	
14	1.7783	1.7894	1.8280	1.7953	1.0968	0.5489		
	1.1876	1.1803	1.1571	1.1783	1.7562	3.4663		
15	0.8395	0.8478	0.8247	0.7711	F-SUB-Q			
	2.2753	2.3078	2.3159	2.4694	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	1.1518	1.2735	1.5142	1.2983	1.5024	1.6149	1.7028	0.8199
	1.7384	1.5764	1.3317	1.5510	1.3535	1.2630	1.1999	2.2574
9	1.2735	1.5422	1.4221	1.5427	1.5247	1.6615	1.7141	0.8265
	1.5764	1.3075	1.4156	1.3164	1.3321	1.2287	1.1921	2.2936
10	1.5142	1.4223	1.3733	1.3610	1.5971	1.6336	1.7476	0.8041
	1.3317	1.4153	1.4675	1.4882	1.2773	1.2515	1.1703	2.3013
11	1.2983	1.5429	1.3614	1.4427	1.4172	1.6318	1.7110	0.7567
	1.5510	1.3164	1.4877	1.4095	1.4362	1.2534	1.1948	2.4370
12	1.5024	1.5248	1.5976	1.4174	1.3823	1.6738	1.0715	
	1.3535	1.3320	1.2770	1.4360	1.4728	1.2200	1.7384	
13	1.6149	1.6627	1.6343	1.6323	1.6742	1.0381	0.5379	
	1.2630	1.2279	1.2511	1.2530	1.2197	1.7900	3.4246	
14	1.7028	1.7146	1.7482	1.7115	1.0721	0.5379		
	1.1999	1.1918	1.1699	1.1945	1.7376	3.4241		
15	0.8199	0.8269	0.8043	0.7569	F-SUB-Q			
	2.2574	2.2927	2.3005	2.4364	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1145	1.2291	1.4599	1.2546	1.4540	1.5709	1.6511	0.7849
	1.7493	1.5904	1.3448	1.5640	1.3619	1.2634	1.2041	2.2982
9	1.2291	1.4866	1.3768	1.4941	1.4817	1.6166	1.6598	0.7928
	1.5904	1.3206	1.4235	1.3242	1.3342	1.2286	1.1981	2.3301
10	1.4599	1.3770	1.3325	1.3217	1.5491	1.5854	1.6908	0.7681
	1.3448	1.4233	1.4727	1.4919	1.2819	1.2532	1.1767	2.3471
11	1.2546	1.4944	1.3221	1.3959	1.3722	1.5700	1.6470	0.7157
	1.5640	1.3240	1.4915	1.4184	1.4433	1.2672	1.2072	2.5102
12	1.4540	1.4819	1.5495	1.3723	1.3353	1.6099	1.0139	
	1.3619	1.3340	1.2815	1.4431	1.4827	1.2333	1.7878	
13	1.5710	1.6177	1.5860	1.5705	1.6102	0.9837	0.5075	
	1.2634	1.2278	1.2527	1.2668	1.2330	1.8376	3.5361	
14	1.6511	1.6602	1.6914	1.6475	1.0144	0.5075		
	1.2041	1.1978	1.1763	1.2068	1.7871	3.5357		
15	0.7849	0.7933	0.7682	0.7158	F-SUB-Q			
	2.2982	2.3291	2.3464	2.5096	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	1.0342	1.1456	1.3442	1.1754	1.3498	1.4623	1.5207	0.7410
	1.8479	1.6721	1.4309	1.6364	1.4369	1.3288	1.2799	2.3868
9	1.1456	1.3709	1.2833	1.3866	1.3887	1.5028	1.5322	0.7493
	1.6721	1.4029	1.4976	1.3968	1.3939	1.2937	1.2706	2.4174
10	1.3442	1.2835	1.2344	1.2422	1.4292	1.4741	1.5541	0.7213
	1.4309	1.4974	1.5577	1.5550	1.3604	1.3195	1.2531	2.4508
11	1.1754	1.3868	1.2425	1.2955	1.2820	1.4467	1.5070	0.6644
	1.6364	1.3968	1.5546	1.4970	1.5125	1.3460	1.2913	2.6518
12	1.3498	1.3888	1.4296	1.2822	1.2286	1.4658	0.9410	
	1.4369	1.3938	1.3601	1.5123	1.5780	1.3259	1.8873	
13	1.4623	1.5038	1.4746	1.4471	1.4661	0.9013	0.4653	
	1.3288	1.2929	1.3190	1.3456	1.3256	1.9654	3.7849	
14	1.5207	1.5326	1.5546	1.5075	0.9415	0.4653		
	1.2799	1.2702	1.2526	1.2910	1.8866	3.7848		
15	0.7410	0.7498	0.7214	0.6646	F-SUB-Q			
	2.3868	2.4164	2.4501	2.6511	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.6150 to 3.1782. Includes labels F-SUB-Q and M-SUB-Q at the bottom.

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.1600 to 10.8117. Includes labels F-SUB-Q and M-SUB-Q at the bottom.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.3806	0.4376	0.5140	0.4618	0.5268	0.4572	0.4662	0.2637
	4.3806	4.3360	3.6901	4.0192	3.5091	4.0159	3.9196	6.2139
9	0.4376	0.4960	0.4510	0.5196	0.4746	0.4593	0.4638	0.2676
	4.3360	3.8507	4.1916	3.5940	3.9146	4.0111	3.9587	6.2848
10	0.5140	0.4511	0.4292	0.4600	0.5106	0.4495	0.4512	0.2549
	3.6901	4.1914	4.4137	4.1164	3.7247	4.2129	4.1576	6.5355
11	0.4618	0.5197	0.4601	0.4884	0.4261	0.4729	0.4221	0.2213
	4.0192	3.5938	4.1157	3.8819	4.3870	3.9524	4.4812	7.7155
12	0.5268	0.4746	0.5106	0.4261	0.3652	0.3998	0.2990	
	3.5091	3.9145	3.7244	4.3868	4.6734	4.3989	5.5973	
13	0.4572	0.4594	0.4496	0.4730	0.3999	0.2698	0.1623	
	4.0159	4.0099	4.2120	3.9519	4.3982	5.7568	9.9639	
14	0.4662	0.4639	0.4513	0.4222	0.2991	0.1623		
	3.9196	3.9581	4.1568	4.4805	5.5957	9.9557		
15	0.2637	0.2677	0.2549	0.2213	F-SUB-Q			
	6.2139	6.2839	6.5339	7.7142	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.8252	0.9156	1.0886	0.9484	1.1058	1.0318	1.0882	0.5984
	2.2287	2.1162	1.7760	1.9964	1.7074	1.8165	1.7136	2.7964
9	0.9156	1.1353	0.9970	1.1327	1.0610	1.0409	1.1091	0.6037
	2.1162	1.7133	1.9397	1.6822	1.7877	1.8073	1.6882	2.8521
10	1.0886	0.9970	0.9514	0.9866	1.0950	1.0165	1.0859	0.5761
	1.7760	1.9396	2.0325	1.9616	1.7765	1.8991	1.7598	2.9516
11	0.9484	1.1328	0.9867	1.0503	0.9410	1.0933	0.9968	0.5120
	1.9964	1.6822	1.9612	1.8339	2.0193	1.7415	1.9169	3.3924
12	1.1058	1.0610	1.0951	0.9411	0.8436	0.9755	0.6942	
	1.7074	1.7876	1.7763	2.0191	2.1288	1.8849	2.4609	
13	1.0318	1.0413	1.0167	1.0935	0.9756	0.6444	0.3751	
	1.8165	1.8067	1.8987	1.7413	1.8847	2.5428	4.4171	
14	1.0882	1.1093	1.0861	0.9970	0.6944	0.3751		
	1.7136	1.6880	1.7595	1.9166	2.4604	4.4159		
15	0.5984	0.6039	0.5761	0.5120	F-SUB-Q			
	2.7964	2.8515	2.9509	3.3919	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0355	1.1177	1.2705	1.1446	1.2573	1.2491	1.2646	0.7239
	1.8795	1.7680	1.5480	1.6846	1.5173	1.5165	1.4955	2.3463
9	1.1177	1.3031	1.2294	1.2770	1.2746	1.2672	1.2770	0.7201
	1.7680	1.5213	1.5976	1.5100	1.5101	1.5026	1.4873	2.4245
10	1.2705	1.2295	1.1880	1.1848	1.2546	1.2350	1.2651	0.6992
	1.5480	1.5975	1.6574	1.6583	1.5638	1.5747	1.5328	2.4672
11	1.1446	1.2770	1.1850	1.1916	1.1603	1.2414	1.2207	0.6388
	1.6846	1.5100	1.6580	1.6435	1.6693	1.5620	1.5888	2.7573
12	1.2573	1.2746	1.2547	1.1604	1.0884	1.2107	0.8614	
	1.5173	1.5101	1.5637	1.6691	1.7409	1.5643	2.0203	
13	1.2491	1.2677	1.2353	1.2415	1.2108	0.8314	0.4737	
	1.5165	1.5019	1.5743	1.5618	1.5641	2.0449	3.5750	
14	1.2646	1.2773	1.2653	1.2208	0.8616	0.4735		
	1.4955	1.4870	1.5325	1.5886	2.0199	3.5747		
15	0.7239	0.7204	0.6993	0.6389	F-SUB-Q			
	2.3463	2.4240	2.4666	2.7569	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1503	1.2438	1.4550	1.2735	1.4371	1.4039	1.4547	0.7898
	1.7339	1.6212	1.3718	1.5416	1.3480	1.3687	1.3189	2.1831
9	1.2438	1.4917	1.3725	1.4508	1.4243	1.4232	1.4669	0.7874
	1.6212	1.3545	1.4544	1.3520	1.3724	1.3559	1.3133	2.2515
10	1.4550	1.3726	1.3242	1.3152	1.4233	1.3901	1.4582	0.7619
	1.3718	1.4543	1.5122	1.5171	1.3998	1.4195	1.3483	2.2977
11	1.2735	1.4508	1.3154	1.3513	1.3000	1.4267	1.4092	0.6987
	1.5416	1.3520	1.5168	1.4769	1.5192	1.3837	1.4003	2.5635
12	1.4371	1.4243	1.4235	1.3001	1.2233	1.3989	0.9500	
	1.3480	1.3723	1.3997	1.5191	1.5837	1.3837	1.8684	
13	1.4039	1.4239	1.3904	1.4269	1.3990	0.9192	0.5179	
	1.3687	1.3552	1.4191	1.3836	1.3836	1.8947	3.3416	
14	1.4547	1.4672	1.4584	1.4094	0.9502	0.5177		
	1.3189	1.3131	1.3480	1.4001	1.8680	3.3415		
15	0.7898	0.7877	0.7620	0.6988	F-SUB-Q			
	2.1831	2.2510	2.2971	2.5632	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.2024	* 1.3094	* 1.5562	* 1.3421	* 1.5393	* 1.4869	* 1.5636	* 0.8326
	* 1.6997	* 1.5758	* 1.3062	* 1.4889	* 1.2812	* 1.3146	* 1.2480	* 2.1083
9	* 1.3094	* 1.5926	* 1.4458	* 1.5495	* 1.5063	* 1.5082	* 1.5777	* 0.8319
	* 1.5758	* 1.2957	* 1.4060	* 1.2896	* 1.3209	* 1.3013	* 1.2415	* 2.1684
10	* 1.5562	* 1.4460	* 1.3878	* 1.3849	* 1.5184	* 1.4762	* 1.5704	* 0.8065
	* 1.3062	* 1.4059	* 1.4693	* 1.4645	* 1.3347	* 1.3581	* 1.2716	* 2.2080
11	* 1.3421	* 1.5496	* 1.3852	* 1.4420	* 1.3775	* 1.5395	* 1.5191	* 0.7391
	* 1.4889	* 1.2896	* 1.4642	* 1.4142	* 1.4652	* 1.3098	* 1.3260	* 2.4620
12	* 1.5393	* 1.5064	* 1.5186	* 1.3776	* 1.2909	* 1.5025	* 1.0105	
	* 1.2812	* 1.3208	* 1.3346	* 1.4651	* 1.5326	* 1.3178	* 1.7962	
13	* 1.4869	* 1.5090	* 1.4765	* 1.5397	* 1.5026	* 0.9706	* 0.5437	
	* 1.3146	* 1.3006	* 1.3578	* 1.3096	* 1.3177	* 1.8381	* 3.2609	
14	* 1.5636	* 1.5781	* 1.5708	* 1.5193	* 1.0108	* 0.5435		
	* 1.2480	* 1.2412	* 1.2713	* 1.3258	* 1.7958	* 3.2607		
15	* 0.8326	* 0.8322	* 0.8066	* 0.7392	* F-SUB-Q			
	* 2.1083	* 2.1679	* 2.2074	* 2.4616	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 1.2294	* 1.3463	* 1.6138	* 1.3827	* 1.6000	* 1.5378	* 1.6312	* 0.8629
	* 1.6994	* 1.5643	* 1.2859	* 1.4752	* 1.2590	* 1.2973	* 1.2208	* 2.0787
9	* 1.3463	* 1.6483	* 1.4876	* 1.6108	* 1.5565	* 1.5617	* 1.6471	* 0.8637
	* 1.5643	* 1.2753	* 1.3950	* 1.2682	* 1.3053	* 1.2823	* 1.2130	* 2.1325
10	* 1.6138	* 1.4878	* 1.4221	* 1.4272	* 1.5755	* 1.5311	* 1.6413	* 0.8382
	* 1.2859	* 1.3948	* 1.4628	* 1.4488	* 1.3114	* 1.3335	* 1.2388	* 2.1667
11	* 1.3827	* 1.6109	* 1.4274	* 1.4959	* 1.4255	* 1.6102	* 1.5879	* 0.7697
	* 1.4752	* 1.2681	* 1.4485	* 1.3916	* 1.4467	* 1.2787	* 1.2939	* 2.4045
12	* 1.6000	* 1.5566	* 1.5757	* 1.4256	* 1.3317	* 1.5646	* 1.0540	
	* 1.2590	* 1.3053	* 1.3113	* 1.4466	* 1.5220	* 1.2973	* 1.7634	
13	* 1.5378	* 1.5626	* 1.5314	* 1.6105	* 1.5647	* 1.0053	* 0.5608	
	* 1.2973	* 1.2817	* 1.3331	* 1.2785	* 1.2972	* 1.8239	* 3.2484	
14	* 1.6312	* 1.6475	* 1.6416	* 1.5881	* 1.0543	* 0.5606		
	* 1.2208	* 1.2127	* 1.2385	* 1.2937	* 1.7631	* 3.2482		
15	* 0.8629	* 0.8641	* 0.8384	* 0.7698	* F-SUB-Q			
	* 2.0787	* 2.1319	* 2.1662	* 2.4041	* M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2528	1.3771	1.6688	1.4184	1.6601	1.5870	1.6984	0.8822
	1.7027	1.5563	1.2729	1.4726	1.2441	1.2881	1.2012	2.0846
9	1.3771	1.7023	1.5255	1.6703	1.6039	1.6135	1.7165	0.8851
	1.5563	1.2579	1.3919	1.2528	1.2977	1.2709	1.1917	2.1319
10	1.6688	1.5257	1.4541	1.4663	1.6298	1.5860	1.7118	0.8570
	1.2729	1.3918	1.4627	1.4422	1.2958	1.3158	1.2127	2.1677
11	1.4184	1.6703	1.4666	1.5477	1.4700	1.6797	1.6550	0.7843
	1.4726	1.2528	1.4418	1.3697	1.4312	1.2497	1.2626	2.4021
12	1.6601	1.6039	1.6299	1.4701	1.3706	1.6249	1.0780	
	1.2441	1.2977	1.2957	1.4311	1.5163	1.2807	1.7637	
13	1.5870	1.6144	1.5864	1.6799	1.6250	1.0232	0.5682	
	1.2881	1.2703	1.3155	1.2495	1.2806	1.8379	3.2884	
14	1.6984	1.7169	1.7122	1.6552	1.0782	0.5681		
	1.2012	1.1915	1.2124	1.2624	1.7633	3.2879		
15	0.8822	0.8855	0.8572	0.7844	F-SUB-Q			
	2.0846	2.1313	2.1671	2.4018	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2646	1.3950	1.7020	1.4401	1.6985	1.6199	1.7434	0.8972
	1.7312	1.5782	1.2808	1.4913	1.2519	1.2985	1.2041	2.1097
9	1.3950	1.7341	1.5479	1.7073	1.6342	1.6484	1.7634	0.9017
	1.5782	1.2658	1.4067	1.2603	1.3098	1.2792	1.1926	2.1524
10	1.7020	1.5481	1.4718	1.4904	1.6642	1.6247	1.7598	0.8721
	1.2808	1.4066	1.4797	1.4526	1.3003	1.3170	1.2084	2.1868
11	1.4401	1.7073	1.4907	1.5801	1.4990	1.7259	1.7007	0.7974
	1.4913	1.2603	1.4523	1.3746	1.4370	1.2450	1.2585	2.4099
12	1.6985	1.6343	1.6644	1.4991	1.3956	1.6645	1.0979	
	1.2519	1.3097	1.3002	1.4369	1.5238	1.2786	1.7704	
13	1.6199	1.6493	1.6251	1.7262	1.6647	1.0375	0.5739	
	1.2985	1.2785	1.3166	1.2448	1.2785	1.8575	3.3280	
14	1.7434	1.7638	1.7602	1.7010	1.0982	0.5737		
	1.2041	1.1923	1.2081	1.2583	1.7700	3.3274		
15	0.8972	0.9020	0.8722	0.7975	F-SUB-Q			
	2.1097	2.1519	2.1862	2.4095	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2749	1.4096	1.7328	1.4594	1.7346	1.6496	1.7857	0.9074
	1.7829	1.6042	1.2967	1.5212	1.2677	1.3179	1.2150	2.1560
9	1.4096	1.7641	1.5672	1.7414	1.6610	1.6801	1.8076	0.9136
	1.6042	1.2775	1.4313	1.2757	1.3309	1.2963	1.2015	2.1941
10	1.7328	1.5674	1.4877	1.5112	1.6957	1.6592	1.8048	0.8804
	1.2967	1.4312	1.5067	1.4736	1.3122	1.3241	1.2121	2.2324
11	1.4594	1.7415	1.5115	1.6108	1.5243	1.7682	1.7427	0.8055
	1.5212	1.2756	1.4733	1.3868	1.4588	1.2507	1.2608	2.4478
12	1.7346	1.6610	1.6959	1.5243	1.4178	1.7015	1.1106	
	1.2677	1.3309	1.3120	1.4587	1.5528	1.2924	1.8063	
13	1.6496	1.6810	1.6596	1.7684	1.7017	1.0461	0.5766	
	1.3179	1.2956	1.3238	1.2505	1.2923	1.9041	3.4163	
14	1.7857	1.8080	1.8052	1.7430	1.1109	0.5765		
	1.2150	1.2013	1.2118	1.2606	1.8059	3.4154		
15	0.9074	0.9140	0.8806	0.8056	F-SUB-Q			
	2.1560	2.1935	2.2318	2.4475	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2664	1.4048	1.7227	1.4557	1.7288	1.6512	1.7864	0.9186
	1.8507	1.6651	1.3523	1.5836	1.3214	1.3672	1.2611	2.2110
9	1.4048	1.7529	1.5605	1.7350	1.6585	1.6827	1.8091	0.9253
	1.6651	1.3306	1.4898	1.3272	1.3830	1.3430	1.2455	2.2474
10	1.7227	1.5607	1.4796	1.5074	1.6913	1.6639	1.8073	0.8954
	1.3523	1.4896	1.5688	1.5296	1.3597	1.3637	1.2515	2.2729
11	1.4557	1.7351	1.5077	1.6049	1.5238	1.7687	1.7447	0.8207
	1.5836	1.3271	1.5293	1.4348	1.5017	1.2870	1.2984	2.4816
12	1.7288	1.6585	1.6915	1.5239	1.4165	1.7000	1.1300	
	1.3214	1.3829	1.3595	1.5016	1.6119	1.3400	1.8310	
13	1.6512	1.6836	1.6643	1.7689	1.7002	1.0609	0.5843	
	1.3672	1.3423	1.3634	1.2868	1.3398	1.9517	3.4927	
14	1.7864	1.8095	1.8076	1.7450	1.1304	0.5842		
	1.2611	1.2452	1.2513	1.2982	1.8305	3.4917		
15	0.9186	0.9256	0.8955	0.8208	F-SUB-Q			
	2.2110	2.2468	2.2723	2.4813	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2765	1.4184	1.7587	1.4744	1.7695	1.6823	1.8351	0.9206
	1.9100	1.7182	1.3803	1.6310	1.3473	1.3995	1.2805	2.2989
9	1.4184	1.7885	1.5806	1.7737	1.6861	1.7160	1.8597	0.9300
	1.7182	1.3587	1.5314	1.3519	1.4180	1.3727	1.2628	2.3289
10	1.7587	1.5808	1.4962	1.5278	1.7260	1.7004	1.8588	0.8948
	1.3803	1.5313	1.6135	1.5691	1.3831	1.3873	1.2649	2.3650
11	1.4744	1.7738	1.5282	1.6396	1.5496	1.8164	1.7929	0.8172
	1.6310	1.3518	1.5688	1.4589	1.5328	1.2994	1.3123	2.5863
12	1.7696	1.6861	1.7262	1.5497	1.4394	1.7426	1.1299	
	1.3473	1.4179	1.3829	1.5327	1.6417	1.3537	1.8973	
13	1.6823	1.7170	1.7008	1.8167	1.7428	1.0582	0.5796	
	1.3995	1.3719	1.3870	1.2991	1.3535	2.0220	3.6354	
14	1.8351	1.8601	1.8592	1.7932	1.1302	0.5795		
	1.2805	1.2626	1.2646	1.3121	1.8969	3.6343		
15	0.9206	0.9304	0.8950	0.8173	F-SUB-Q			
	2.2989	2.3282	2.3644	2.5860	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2741	1.4189	1.7663	1.4772	1.7810	1.6934	1.8539	0.9245
	1.9393	1.7384	1.3998	1.6668	1.3885	1.4548	1.3263	2.3931
9	1.4189	1.7950	1.5825	1.7838	1.6929	1.7286	1.8795	0.9352
	1.7384	1.3789	1.5582	1.3868	1.4590	1.4248	1.3068	2.4196
10	1.7663	1.5827	1.4961	1.5311	1.7352	1.7156	1.8798	0.8997
	1.3998	1.5580	1.6465	1.6135	1.4281	1.4335	1.3058	2.4549
11	1.4772	1.7840	1.5314	1.6483	1.5573	1.8366	1.8127	0.8208
	1.6668	1.3867	1.6132	1.5075	1.5912	1.3409	1.3541	2.6816
12	1.7810	1.6930	1.7354	1.5574	1.4461	1.7581	1.1364	
	1.3885	1.4589	1.4279	1.5911	1.7027	1.3984	1.9661	
13	1.6934	1.7296	1.7160	1.8369	1.7583	1.0616	0.5795	
	1.4548	1.4240	1.4332	1.3407	1.3982	2.0981	3.7807	
14	1.8539	1.8800	1.8802	1.8131	1.1367	0.5794		
	1.3263	1.3065	1.3055	1.3539	1.9656	3.7795		
15	0.9245	0.9356	0.8999	0.8209	F-SUB-Q			
	2.3931	2.4189	2.4542	2.6813	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2597	1.4068	1.7475	1.4653	1.7659	1.6867	1.8461	0.9287
	1.9154	1.7119	1.3817	1.6414	1.3680	1.4329	1.3131	2.3528
9	1.4068	1.7754	1.5680	1.7682	1.6811	1.7227	1.8722	0.9399
	1.7119	1.3618	1.5359	1.3672	1.4354	1.4046	1.2960	2.3824
10	1.7475	1.5682	1.4809	1.5190	1.7220	1.7120	1.8737	0.9064
	1.3817	1.5358	1.6247	1.5889	1.4062	1.4237	1.3002	2.4169
11	1.4653	1.7683	1.5193	1.6335	1.5487	1.8303	1.8070	0.8296
	1.6414	1.3671	1.5885	1.4870	1.5718	1.3378	1.3546	2.6430
12	1.7659	1.6811	1.7222	1.5488	1.4382	1.7493	1.1472	
	1.3680	1.4354	1.4061	1.5717	1.7054	1.4064	1.9426	
13	1.6867	1.7237	1.7124	1.8307	1.7495	1.0685	0.5823	
	1.4329	1.4039	1.4234	1.3376	1.4062	2.0881	3.7862	
14	1.8461	1.8726	1.8741	1.8074	1.1476	0.5823		
	1.3131	1.2957	1.2999	1.3544	1.9420	3.7848		
15	0.9287	0.9403	0.9066	0.8297	F-SUB-Q			
	2.3528	2.3817	2.4163	2.6426	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2605	1.4101	1.7690	1.4721	1.7911	1.7057	1.8816	0.9241
	1.8697	1.6676	1.3349	1.5972	1.3201	1.3876	1.2618	2.3070
9	1.4101	1.7965	1.5760	1.7926	1.6951	1.7443	1.9093	0.9376
	1.6676	1.3161	1.4934	1.3201	1.3931	1.3590	1.2447	2.3304
10	1.7690	1.5762	1.4863	1.5269	1.7446	1.7369	1.9123	0.8993
	1.3349	1.4932	1.5806	1.5459	1.3596	1.3736	1.2474	2.3770
11	1.4721	1.7927	1.5272	1.6546	1.5629	1.8681	1.8438	0.8208
	1.5972	1.3200	1.5456	1.4357	1.5239	1.2825	1.2988	2.6049
12	1.7911	1.6951	1.7449	1.5629	1.4511	1.7802	1.1399	
	1.3201	1.3931	1.3595	1.5238	1.6529	1.3510	1.9101	
13	1.7057	1.7453	1.7373	1.8684	1.7804	1.0594	0.5741	
	1.3876	1.3582	1.3733	1.2823	1.3508	2.0579	3.7342	
14	1.8816	1.9098	1.9127	1.8441	1.1403	0.5741		
	1.2618	1.2444	1.2471	1.2986	1.9095	3.7329		
15	0.9241	0.9381	0.8995	0.8209	F-SUB-Q			
	2.3070	2.3298	2.3763	2.6045	M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2516	1.4034	1.7683	1.4668	1.7934	1.7086	1.8930	0.9202
	1.8054	1.6060	1.2804	1.5374	1.2660	1.3312	1.2055	2.2233
9	1.4034	1.7949	1.5701	1.7939	1.6929	1.7493	1.9214	0.9351
	1.6060	1.2627	1.4374	1.2661	1.3392	1.3026	1.1888	2.2422
10	1.7683	1.5703	1.4787	1.5218	1.7479	1.7446	1.9260	0.8946
	1.2804	1.4372	1.5237	1.4878	1.3041	1.3144	1.1903	2.2918
11	1.4668	1.7941	1.5222	1.6551	1.5627	1.8815	1.8576	0.8172
	1.5374	1.2660	1.4875	1.3768	1.4627	1.2241	1.2386	2.5080
12	1.7934	1.6929	1.7483	1.5628	1.4512	1.7893	1.1371	
	1.2660	1.3391	1.3040	1.4626	1.5891	1.2922	1.8350	
13	1.7086	1.7504	1.7451	1.8819	1.7895	1.0540	0.5689	
	1.3312	1.3019	1.3141	1.2239	1.2920	1.9821	3.6088	
14	1.8930	1.9219	1.9264	1.8579	1.1375	0.5689		
	1.2055	1.1885	1.1901	1.2384	1.8345	3.6074		
15	0.9202	0.9356	0.8948	0.8173	F-SUB-Q			
	2.2233	2.2415	2.2913	2.5077	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2369	1.3891	1.7529	1.4522	1.7806	1.7003	1.8873	0.9154
	1.7572	1.5607	1.2422	1.4947	1.2270	1.2873	1.1631	2.1518
9	1.3891	1.7791	1.5546	1.7804	1.6793	1.7424	1.9162	0.9310
	1.5607	1.2250	1.3968	1.2276	1.2991	1.2583	1.1467	2.1681
10	1.7529	1.5548	1.4634	1.5071	1.7383	1.7393	1.9221	0.8924
	1.2422	1.3966	1.4818	1.4456	1.2621	1.2674	1.1467	2.2115
11	1.4522	1.7805	1.5075	1.6418	1.5522	1.8769	1.8540	0.8141
	1.4947	1.2275	1.4453	1.3352	1.4160	1.1790	1.1922	2.4214
12	1.7806	1.6794	1.7386	1.5523	1.4420	1.7832	1.1342	
	1.2270	1.2991	1.2618	1.4160	1.5365	1.2449	1.7674	
13	1.7003	1.7434	1.7397	1.8773	1.7834	1.0498	0.5651	
	1.2873	1.2576	1.2671	1.1788	1.2447	1.9111	3.4910	
14	1.8873	1.9167	1.9226	1.8544	1.1346	0.5650		
	1.1631	1.1464	1.1465	1.1920	1.7668	3.4896		
15	0.9154	0.9315	0.8926	0.8143	F-SUB-Q			
	2.1518	2.1674	2.2108	2.4211	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2145	1.3657	1.7181	1.4266	1.7465	1.6777	1.8593	0.9099
	1.8615	1.6542	1.3208	1.5868	1.3040	1.3603	1.2304	2.2581
9	1.3657	1.7433	1.5267	1.7461	1.6511	1.7198	1.8877	0.9253
	1.6542	1.3024	1.4828	1.3048	1.3777	1.3289	1.2130	2.2754
10	1.7181	1.5269	1.4363	1.4812	1.7099	1.7176	1.8949	0.8897
	1.3208	1.4826	1.5742	1.5333	1.3373	1.3363	1.2114	2.3131
11	1.4266	1.7463	1.4815	1.6099	1.5284	1.8494	1.8288	0.8146
	1.5868	1.3047	1.5330	1.4187	1.4978	1.2452	1.2576	2.5221
12	1.7465	1.6511	1.7102	1.5285	1.4209	1.7568	1.1334	
	1.3040	1.3777	1.3370	1.4977	1.6217	1.3133	1.8404	
13	1.6777	1.7208	1.7181	1.8498	1.7571	1.0474	0.5625	
	1.3603	1.3281	1.3360	1.2449	1.3131	1.9915	3.6505	
14	1.8593	1.8882	1.8953	1.8292	1.1338	0.5625		
	1.2304	1.2127	1.2111	1.2573	1.8398	3.6490		
15	0.9099	0.9258	0.8898	0.8147	F-SUB-Q			
	2.2581	2.2747	2.3125	2.5217	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2016	1.3535	1.7187	1.4154	1.7492	1.6755	1.8705	0.8917
	1.8096	1.6082	1.2731	1.5445	1.2575	1.3157	1.1809	2.2277
9	1.3535	1.7437	1.5170	1.7476	1.6443	1.7199	1.8994	0.9091
	1.6082	1.2538	1.4393	1.2576	1.3354	1.2832	1.1635	2.2385
10	1.7187	1.5172	1.4261	1.4703	1.7122	1.7196	1.9078	0.8679
	1.2731	1.4391	1.5293	1.4899	1.2881	1.2856	1.1596	2.2896
11	1.4154	1.7478	1.4707	1.6098	1.5226	1.8609	1.8412	0.7933
	1.5445	1.2575	1.4895	1.3663	1.4465	1.1903	1.2015	2.4976
12	1.7492	1.6444	1.7125	1.5227	1.4166	1.7654	1.1090	
	1.2575	1.3353	1.2878	1.4464	1.5585	1.2534	1.8074	
13	1.6755	1.7210	1.7201	1.8613	1.7657	1.0240	0.5470	
	1.3157	1.2824	1.2853	1.1900	1.2532	1.9530	3.6117	
14	1.8705	1.8999	1.9083	1.8416	1.1094	0.5470		
	1.1809	1.1633	1.1593	1.2013	1.8068	3.6102		
15	0.8917	0.9096	0.8681	0.7934	F-SUB-Q			
	2.2277	2.2378	2.2890	2.4972	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.1737	* 1.3229	* 1.6807	* 1.3827	* 1.7122	* 1.6461	* 1.8382	* 0.8718
	* 1.7799	* 1.5839	* 1.2532	* 1.5233	* 1.2373	* 1.2896	* 1.1568	* 2.1967
9	* 1.3229	* 1.7056	* 1.4835	* 1.7099	* 1.6100	* 1.6908	* 1.8663	* 0.8896
	* 1.5839	* 1.2334	* 1.4174	* 1.2378	* 1.3136	* 1.2568	* 1.1400	* 2.2054
10	* 1.6807	* 1.4837	* 1.3950	* 1.4377	* 1.6795	* 1.6898	* 1.8752	* 0.8485
	* 1.2532	* 1.4172	* 1.5060	* 1.4677	* 1.2645	* 1.2588	* 1.1352	* 2.2572
11	* 1.3827	* 1.7101	* 1.4380	* 1.5743	* 1.4912	* 1.8266	* 1.8097	* 0.7757
	* 1.5233	* 1.2377	* 1.4673	* 1.3453	* 1.4210	* 1.1662	* 1.1756	* 2.4606
12	* 1.7122	* 1.6101	* 1.6799	* 1.4913	* 1.3892	* 1.7340	* 1.0859	
	* 1.2373	* 1.3136	* 1.2642	* 1.4209	* 1.5249	* 1.2257	* 1.7755	
13	* 1.6461	* 1.6919	* 1.6903	* 1.8270	* 1.7343	* 1.0030	* 0.5340	
	* 1.2896	* 1.2560	* 1.2585	* 1.1659	* 1.2255	* 1.9155	* 3.5620	
14	* 1.8382	* 1.8668	* 1.8757	* 1.8101	* 1.0864	* 0.5340		
	* 1.1568	* 1.1397	* 1.1349	* 1.1754	* 1.7749	* 3.5605		
15	* 0.8718	* 0.8900	* 0.8487	* 0.7758	* F-SUB-Q			
	* 2.1967	* 2.2046	* 2.2566	* 2.4603	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 1.1280	* 1.2685	* 1.5936	* 1.3233	* 1.6263	* 1.5825	* 1.7512	* 0.8476
	* 1.7946	* 1.5993	* 1.2795	* 1.5420	* 1.2614	* 1.2986	* 1.1753	* 2.1905
9	* 1.2685	* 1.6183	* 1.4203	* 1.6236	* 1.5418	* 1.6249	* 1.7768	* 0.8636
	* 1.5993	* 1.2581	* 1.4337	* 1.2624	* 1.3284	* 1.2659	* 1.1589	* 2.2022
10	* 1.5936	* 1.4205	* 1.3385	* 1.3781	* 1.6028	* 1.6199	* 1.7849	* 0.8288
	* 1.2795	* 1.4335	* 1.5203	* 1.4828	* 1.2828	* 1.2703	* 1.1538	* 2.2402
11	* 1.3233	* 1.6237	* 1.3784	* 1.4947	* 1.4280	* 1.7343	* 1.7218	* 0.7592
	* 1.5420	* 1.2623	* 1.4824	* 1.3719	* 1.4360	* 1.1880	* 1.1949	* 2.4364
12	* 1.6263	* 1.5419	* 1.6031	* 1.4280	* 1.3326	* 1.6512	* 1.0601	
	* 1.2614	* 1.3284	* 1.2826	* 1.4359	* 1.5370	* 1.2440	* 1.7603	
13	* 1.5825	* 1.6260	* 1.6203	* 1.7347	* 1.6515	* 0.9814	* 0.5230	
	* 1.2986	* 1.2651	* 1.2700	* 1.1877	* 1.2438	* 1.8937	* 3.5238	
14	* 1.7512	* 1.7773	* 1.7854	* 1.7221	* 1.0605	* 0.5230		
	* 1.1753	* 1.1586	* 1.1535	* 1.1947	* 1.7597	* 3.5223		
15	* 0.8476	* 0.8640	* 0.8289	* 0.7593	* F-SUB-Q			
	* 2.1905	* 2.2015	* 2.2396	* 2.4360	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.0803	* 1.2129	* 1.5211	* 1.2668	* 1.5558	* 1.5230	* 1.6782	* 0.8017
	* 1.8241	* 1.6292	* 1.3056	* 1.5692	* 1.2842	* 1.3135	* 1.1939	* 2.2577
9	* 1.2129	* 1.5458	* 1.3624	* 1.5524	* 1.4814	* 1.5650	* 1.7016	* 0.8184
	* 1.6292	* 1.2834	* 1.4558	* 1.2860	* 1.3468	* 1.2796	* 1.1780	* 2.2655
10	* 1.5211	* 1.3626	* 1.2872	* 1.3222	* 1.5379	* 1.5551	* 1.7085	* 0.7804
	* 1.3056	* 1.4555	* 1.5401	* 1.5053	* 1.3018	* 1.2877	* 1.1731	* 2.3188
11	* 1.2668	* 1.5525	* 1.3225	* 1.4295	* 1.3691	* 1.6527	* 1.6446	* 0.7121
	* 1.5692	* 1.2859	* 1.5049	* 1.3973	* 1.4580	* 1.2132	* 1.2172	* 2.5317
12	* 1.5558	* 1.4815	* 1.5383	* 1.3692	* 1.2787	* 1.5785	* 0.9963	
	* 1.2842	* 1.3467	* 1.3016	* 1.4580	* 1.5589	* 1.2661	* 1.8237	
13	* 1.5230	* 1.5660	* 1.5555	* 1.6531	* 1.5787	* 0.9260	* 0.4908	
	* 1.3135	* 1.2788	* 1.2873	* 1.2129	* 1.2659	* 1.9542	* 3.6604	
14	* 1.6782	* 1.7021	* 1.7090	* 1.6450	* 0.9967	* 0.4908		
	* 1.1939	* 1.1777	* 1.1728	* 1.2170	* 1.8231	* 3.6591		
15	* 0.8017	* 0.8188	* 0.7806	* 0.7122	* F-SUB-Q			
	* 2.2577	* 2.2647	* 2.3181	* 2.5313	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 0.9886	* 1.1097	* 1.3662	* 1.1640	* 1.4051	* 1.3936	* 1.5101	* 0.7381
	* 1.9544	* 1.7450	* 1.4242	* 1.6732	* 1.3928	* 1.4058	* 1.2993	* 2.4049
9	* 1.1097	* 1.3907	* 1.2469	* 1.4062	* 1.3609	* 1.4313	* 1.5332	* 0.7534
	* 1.7450	* 1.3975	* 1.5583	* 1.3905	* 1.4358	* 1.3698	* 1.2802	* 2.4136
10	* 1.3662	* 1.2471	* 1.1763	* 1.2178	* 1.3925	* 1.4197	* 1.5360	* 0.7163
	* 1.4242	* 1.5581	* 1.6514	* 1.6016	* 1.4081	* 1.3807	* 1.2776	* 2.4776
11	* 1.1640	* 1.4063	* 1.2181	* 1.2979	* 1.2543	* 1.4839	* 1.4759	* 0.6498
	* 1.6732	* 1.3904	* 1.6012	* 1.5077	* 1.5587	* 1.3225	* 1.3281	* 2.7219
12	* 1.4051	* 1.3610	* 1.3928	* 1.2544	* 1.1644	* 1.4164	* 0.9094	
	* 1.3928	* 1.4358	* 1.4078	* 1.5586	* 1.6769	* 1.3817	* 1.9584	
13	* 1.3936	* 1.4321	* 1.4201	* 1.4842	* 1.4166	* 0.8422	* 0.4464	
	* 1.4058	* 1.3690	* 1.3803	* 1.3222	* 1.3815	* 2.1066	* 3.9508	
14	* 1.5101	* 1.5336	* 1.5364	* 1.4762	* 0.9097	* 0.4464		
	* 1.2993	* 1.2798	* 1.2773	* 1.3278	* 1.9577	* 3.9496		
15	* 0.7381	* 0.7538	* 0.7164	* 0.6498	* F-SUB-Q			
	* 2.4049	* 2.4128	* 2.4769	* 2.7215	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.7962	* 0.9002	* 1.1511	* 0.9566	* 1.2062	* 1.1210	* 1.2663	* 0.6108
	* 2.3937	* 2.1215	* 1.6657	* 2.0065	* 1.5979	* 1.7216	* 1.5262	* 2.8682
9	* 0.9002	* 1.1963	* 0.9957	* 1.2264	* 1.1162	* 1.1554	* 1.2997	* 0.6298
	* 2.1215	* 1.6005	* 1.9232	* 1.5693	* 1.7237	* 1.6709	* 1.4869	* 2.8483
10	* 1.1511	* 0.9959	* 0.9293	* 1.0023	* 1.2090	* 1.1445	* 1.2866	* 0.5917
	* 1.6657	* 1.9229	* 2.0625	* 1.9173	* 1.5959	* 1.6869	* 1.5021	* 2.9586
11	* 0.9566	* 1.2264	* 1.0025	* 1.1221	* 1.0059	* 1.2684	* 1.1803	* 0.5241
	* 2.0065	* 1.5692	* 1.9169	* 1.7167	* 1.9147	* 1.5222	* 1.6363	* 3.3314
12	* 1.2062	* 1.1162	* 1.2092	* 1.0060	* 0.9154	* 1.1329	* 0.7398	
	* 1.5979	* 1.7237	* 1.5957	* 1.9146	* 2.1025	* 1.7025	* 2.3744	
13	* 1.1210	* 1.1560	* 1.1448	* 1.2686	* 1.1331	* 0.6678	* 0.3579	
	* 1.7216	* 1.6701	* 1.6865	* 1.5220	* 1.7022	* 2.6209	* 4.8685	
14	* 1.2663	* 1.3000	* 1.2869	* 1.1805	* 0.7401	* 0.3579		
	* 1.5262	* 1.4866	* 1.5018	* 1.6360	* 2.3737	* 4.8673		
15	* 0.6108	* 0.6300	* 0.5918	* 0.5241	* F-SUB-Q			
	* 2.8682	* 2.8475	* 2.9579	* 3.3308	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 0.3589	* 0.4014	* 0.4878	* 0.4320	* 0.5155	* 0.4478	* 0.4863	* 0.2566
	* 5.2744	* 4.7232	* 3.9004	* 4.4085	* 3.7072	* 4.2724	* 3.9426	* 6.7847
9	* 0.4014	* 0.4714	* 0.4145	* 0.5042	* 0.4556	* 0.4578	* 0.4860	* 0.2633
	* 4.7232	* 4.0295	* 4.5828	* 3.7853	* 4.1869	* 4.1799	* 3.9454	* 6.7694
10	* 0.4878	* 0.4146	* 0.3872	* 0.4299	* 0.5030	* 0.4524	* 0.4780	* 0.2493
	* 3.9004	* 4.5824	* 4.9116	* 4.4337	* 3.8035	* 4.2308	* 4.0114	* 6.9790
11	* 0.4320	* 0.5042	* 0.4300	* 0.4721	* 0.4204	* 0.4954	* 0.4453	* 0.2175
	* 4.4085	* 3.7851	* 4.4329	* 4.0478	* 4.5438	* 3.8657	* 4.3069	* 7.9817
12	* 0.5155	* 0.4556	* 0.5031	* 0.4204	* 0.3765	* 0.4309	* 0.3035	
	* 3.7072	* 4.1868	* 3.8030	* 4.5435	* 5.0704	* 4.4449	* 5.7524	
13	* 0.4478	* 0.4580	* 0.4525	* 0.4955	* 0.4309	* 0.2760	* 0.1528	
	* 4.2724	* 4.1783	* 4.2299	* 3.8651	* 4.4442	* 6.3037	* 11.3430	
14	* 0.4863	* 0.4861	* 0.4782	* 0.4453	* 0.3036	* 0.1529		
	* 3.9426	* 3.9446	* 4.0106	* 4.3061	* 5.7509	* 11.3327		
15	* 0.2566	* 0.2634	* 0.2494	* 0.2175	* F-SUB-Q			
	* 6.7847	* 6.7681	* 6.9772	* 7.9804	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3847	* 0.4433	* 0.5225	* 0.4730	* 0.5376	* 0.4693	* 0.4815	* 0.2751
	* 4.3151	* 4.2760	* 3.6509	* 3.9182	* 3.4638	* 3.8766	* 3.8262	* 5.9746
9	* 0.4433	* 0.5028	* 0.4601	* 0.5307	* 0.4869	* 0.4733	* 0.4790	* 0.2793
	* 4.2760	* 3.8306	* 4.0897	* 3.5428	* 3.7884	* 3.8830	* 3.8628	* 6.0416
10	* 0.5225	* 0.4602	* 0.4415	* 0.4734	* 0.5249	* 0.4647	* 0.4682	* 0.2665
	* 3.6509	* 4.0896	* 4.2846	* 3.9874	* 3.6477	* 4.0577	* 4.0353	* 6.2690
11	* 0.4730	* 0.5307	* 0.4734	* 0.5040	* 0.4424	* 0.4891	* 0.4397	* 0.2326
	* 3.9182	* 3.5426	* 3.9870	* 3.7848	* 4.2198	* 3.8544	* 4.3403	* 7.3577
12	* 0.5376	* 0.4869	* 0.5250	* 0.4424	* 0.3790	* 0.4179	* 0.3107	
	* 3.4638	* 3.7881	* 3.6474	* 4.2195	* 4.4718	* 4.2397	* 5.4114	
13	* 0.4693	* 0.4734	* 0.4647	* 0.4892	* 0.4180	* 0.2813	* 0.1725	
	* 3.8766	* 3.8822	* 4.0571	* 3.8540	* 4.2390	* 5.5259	* 9.4071	
14	* 0.4815	* 0.4791	* 0.4682	* 0.4398	* 0.3108	* 0.1726		
	* 3.8262	* 3.8622	* 4.0347	* 4.3397	* 5.4100	* 9.3992		
15	* 0.2751	* 0.2794	* 0.2665	* 0.2326	* F-SUB-Q			
	* 5.9746	* 6.0408	* 6.2677	* 7.3567	* M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8193	* 0.9089	* 1.0825	* 0.9549	* 1.1070	* 1.0378	* 1.0954	* 0.6138
	* 2.2542	* 2.1303	* 1.7969	* 1.9808	* 1.7189	* 1.7917	* 1.7167	* 2.7365
9	* 0.9089	* 1.1209	* 0.9953	* 1.1398	* 1.0691	* 1.0485	* 1.1179	* 0.6202
	* 2.1303	* 1.7467	* 1.9326	* 1.6832	* 1.7619	* 1.7904	* 1.6891	* 2.7863
10	* 1.0825	* 0.9954	* 0.9547	* 0.9977	* 1.1113	* 1.0291	* 1.0985	* 0.5916
	* 1.7969	* 1.9325	* 2.0231	* 1.9338	* 1.7621	* 1.8674	* 1.7531	* 2.8836
11	* 0.9549	* 1.1398	* 0.9979	* 1.0693	* 0.9587	* 1.1053	* 1.0143	* 0.5271
	* 1.9808	* 1.6831	* 1.9336	* 1.8140	* 1.9793	* 1.7365	* 1.8996	* 3.3114
12	* 1.1070	* 1.0692	* 1.1114	* 0.9587	* 0.8613	* 0.9924	* 0.7059	
	* 1.7189	* 1.7618	* 1.7620	* 1.9791	* 2.0902	* 1.8689	* 2.4304	
13	* 1.0378	* 1.0489	* 1.0293	* 1.1054	* 0.9925	* 0.6544	* 0.3895	
	* 1.7917	* 1.7898	* 1.8671	* 1.7363	* 1.8688	* 2.5093	* 4.2683	
14	* 1.0954	* 1.1181	* 1.0986	* 1.0144	* 0.7061	* 0.3894		
	* 1.7167	* 1.6889	* 1.7529	* 1.8994	* 2.4299	* 4.2670		
15	* 0.6138	* 0.6204	* 0.5917	* 0.5272	* F-SUB-Q			
	* 2.7365	* 2.7858	* 2.8831	* 3.3110	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0212	* 1.1070	* 1.2991	* 1.1565	* 1.3116	* 1.2572	* 1.3069	* 0.7467
	* 1.9151	* 1.7828	* 1.5195	* 1.6601	* 1.4682	* 1.4942	* 1.4586	* 2.2822
9	* 1.1070	* 1.3251	* 1.2257	* 1.3183	* 1.2916	* 1.2735	* 1.3240	* 0.7480
	* 1.7828	* 1.5037	* 1.5943	* 1.4776	* 1.4794	* 1.4904	* 1.4457	* 2.3419
10	* 1.2991	* 1.2258	* 1.1807	* 1.2010	* 1.2845	* 1.2478	* 1.3110	* 0.7239
	* 1.5195	* 1.5943	* 1.6607	* 1.6299	* 1.5354	* 1.5530	* 1.4892	* 2.3900
11	* 1.1565	* 1.3184	* 1.2013	* 1.2336	* 1.1863	* 1.3026	* 1.2502	* 0.6566
	* 1.6601	* 1.4775	* 1.6297	* 1.5973	* 1.6294	* 1.4981	* 1.5629	* 2.6928
12	* 1.3116	* 1.2917	* 1.2846	* 1.1864	* 1.1041	* 1.2348	* 0.8772	
	* 1.4682	* 1.4793	* 1.5353	* 1.6293	* 1.7217	* 1.5460	* 1.9910	
13	* 1.2572	* 1.2741	* 1.2480	* 1.3028	* 1.2349	* 0.8358	* 0.4875	
	* 1.4942	* 1.4898	* 1.5527	* 1.4979	* 1.5459	* 2.0389	* 3.4835	
14	* 1.3069	* 1.3243	* 1.3112	* 1.2503	* 0.8774	* 0.4874		
	* 1.4586	* 1.4455	* 1.4890	* 1.5627	* 1.9907	* 3.4827		
15	* 0.7467	* 0.7482	* 0.7240	* 0.6567	* F-SUB-Q			
	* 2.2822	* 2.3415	* 2.3895	* 2.6925	* M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1268	* 1.2266	* 1.4836	* 1.2847	* 1.4996	* 1.4052	* 1.4993	* 0.8147
	* 1.7768	* 1.6400	* 1.3510	* 1.5170	* 1.3034	* 1.3548	* 1.2884	* 2.1206
9	* 1.2266	* 1.5121	* 1.3634	* 1.5074	* 1.4422	* 1.4240	* 1.5185	* 0.8189
	* 1.6400	* 1.3409	* 1.4551	* 1.3112	* 1.3442	* 1.3508	* 1.2771	* 2.1685
10	* 1.4836	* 1.3636	* 1.3082	* 1.3328	* 1.4598	* 1.3992	* 1.5074	* 0.7886
	* 1.3510	* 1.4551	* 1.5215	* 1.4906	* 1.3713	* 1.4028	* 1.3117	* 2.2237
11	* 1.2847	* 1.5074	* 1.3331	* 1.4046	* 1.3269	* 1.4986	* 1.4365	* 0.7159
	* 1.5170	* 1.3111	* 1.4904	* 1.4278	* 1.4833	* 1.3245	* 1.3819	* 2.5052
12	* 1.4996	* 1.4422	* 1.4600	* 1.3270	* 1.2345	* 1.4178	* 0.9635	
	* 1.3034	* 1.3441	* 1.3712	* 1.4832	* 1.5745	* 1.3747	* 1.8462	
13	* 1.4052	* 1.4247	* 1.3995	* 1.4988	* 1.4179	* 0.9162	* 0.5291	
	* 1.3548	* 1.3502	* 1.4026	* 1.3244	* 1.3746	* 1.9035	* 3.2763	
14	* 1.4993	* 1.5188	* 1.5076	* 1.4367	* 0.9637	* 0.5289		
	* 1.2884	* 1.2769	* 1.3115	* 1.3818	* 1.8459	* 3.2760		
15	* 0.8147	* 0.8192	* 0.7887	* 0.7159	* F-SUB-Q			
	* 2.1206	* 2.1681	* 2.2232	* 2.5049	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1694	1.2819	1.5734	1.3474	1.5964	1.4757	1.5982	0.8539
	1.7512	1.6025	1.2955	1.4711	1.2467	1.3103	1.2267	2.0566
9	1.2819	1.6018	1.4267	1.6075	1.5169	1.4970	1.6201	0.8607
	1.6025	1.2908	1.4138	1.2497	1.2988	1.3049	1.2150	2.0963
10	1.5734	1.4269	1.3628	1.3973	1.5604	1.4789	1.6102	0.8303
	1.2955	1.4137	1.4847	1.4445	1.3102	1.3508	1.2451	2.1446
11	1.3474	1.6075	1.3975	1.4944	1.3980	1.6054	1.5358	0.7521
	1.4711	1.2497	1.4442	1.3688	1.4363	1.2606	1.3170	2.4187
12	1.5964	1.5169	1.5606	1.3981	1.2941	1.5101	1.0168	
	1.2467	1.2987	1.3101	1.4362	1.5352	1.3180	1.7857	
13	1.4757	1.4978	1.4792	1.6056	1.5102	0.9594	0.5510	
	1.3103	1.3044	1.3506	1.2605	1.3180	1.8589	3.2176	
14	1.5982	1.6204	1.6104	1.5359	1.0170	0.5508		
	1.2267	1.2148	1.2449	1.3168	1.7854	3.2173		
15	0.8539	0.8610	0.8304	0.7521	F-SUB-Q			
	2.0566	2.0959	2.1441	2.4184	M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1862	1.3076	1.6175	1.3792	1.6461	1.5123	1.6518	0.8782
	1.7610	1.6001	1.2843	1.4660	1.2331	1.3026	1.2089	2.0389
9	1.3076	1.6451	1.4567	1.6601	1.5554	1.5361	1.6753	0.8866
	1.6001	1.2781	1.4108	1.2329	1.2909	1.2952	1.1963	2.0736
10	1.6175	1.4568	1.3877	1.4303	1.6147	1.5235	1.6665	0.8561
	1.2843	1.4107	1.4850	1.4355	1.2882	1.3364	1.2221	2.1175
11	1.3792	1.6601	1.4305	1.5423	1.4359	1.6642	1.5893	0.7767
	1.4660	1.2329	1.4353	1.3495	1.4259	1.2393	1.2954	2.3790
12	1.6461	1.5554	1.6149	1.4360	1.3238	1.5576	1.0511	
	1.2331	1.2908	1.2880	1.4258	1.5345	1.3073	1.7651	
13	1.5123	1.5368	1.5238	1.6644	1.5577	0.9850	0.5635	
	1.3026	1.2946	1.3361	1.2391	1.3073	1.8572	3.2262	
14	1.6518	1.6756	1.6668	1.5894	1.0513	0.5633		
	1.2089	1.1961	1.2219	1.2953	1.7647	3.2258		
15	0.8782	0.8869	0.8562	0.7767	F-SUB-Q			
	2.0389	2.0732	2.1171	2.3788	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1991	1.3267	1.6587	1.4052	1.6928	1.5455	1.7040	0.8902
	1.7738	1.6004	1.2792	1.4723	1.2268	1.3031	1.1979	2.0570
9	1.3267	1.6859	1.4824	1.7101	1.5893	1.5717	1.7288	0.9007
	1.6004	1.2669	1.4156	1.2231	1.2915	1.2934	1.1842	2.0865
10	1.6587	1.4825	1.4094	1.4587	1.6662	1.5638	1.7217	0.8676
	1.2792	1.4155	1.4923	1.4357	1.2686	1.3247	1.2051	2.1324
11	1.4052	1.7102	1.4590	1.5882	1.4688	1.7203	1.6397	0.7840
	1.4723	1.2230	1.4355	1.3317	1.4188	1.2195	1.2743	2.3936
12	1.6928	1.5893	1.6664	1.4689	1.3495	1.6021	1.0648	
	1.2268	1.2915	1.2685	1.4187	1.5394	1.2999	1.7784	
13	1.5455	1.5725	1.5640	1.7205	1.6022	0.9935	0.5660	
	1.3031	1.2929	1.3245	1.2194	1.2998	1.8838	3.2864	
14	1.7040	1.7291	1.7220	1.6399	1.0650	0.5658		
	1.1979	1.1840	1.2050	1.2742	1.7781	3.2857		
15	0.8902	0.9010	0.8678	0.7841	F-SUB-Q			
	2.0570	2.0861	2.1320	2.3934	M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2026	1.3349	1.6800	1.4184	1.7185	1.5635	1.7342	0.8979
	1.8101	1.6296	1.2934	1.4980	1.2413	1.3222	1.2080	2.0938
9	1.3349	1.7058	1.4943	1.7379	1.6074	1.5917	1.7600	0.9102
	1.6296	1.2825	1.4379	1.2345	1.3103	1.3099	1.1925	2.1186
10	1.6800	1.4944	1.4185	1.4734	1.6954	1.5875	1.7541	0.8758
	1.2934	1.4378	1.5159	1.4518	1.2713	1.3325	1.2091	2.1637
11	1.4184	1.7380	1.4737	1.6137	1.4870	1.7536	1.6695	0.7904
	1.4980	1.2345	1.4516	1.3393	1.4312	1.2215	1.2785	2.4165
12	1.7185	1.6074	1.6956	1.4870	1.3625	1.6271	1.0754	
	1.2413	1.3102	1.2712	1.4312	1.5551	1.3056	1.7952	
13	1.5635	1.5925	1.5878	1.7538	1.6272	0.9995	0.5672	
	1.3222	1.3093	1.3323	1.2214	1.3056	1.9141	3.3438	
14	1.7342	1.7603	1.7544	1.6696	1.0757	0.5671		
	1.2080	1.1923	1.2089	1.2783	1.7949	3.3430		
15	0.8979	0.9105	0.8759	0.7905	F-SUB-Q			
	2.0938	2.1182	2.1633	2.4163	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2060	1.3414	1.7001	1.4290	1.7429	1.5795	1.7625	0.9016
	1.8682	1.6644	1.3143	1.5334	1.2627	1.3494	1.2254	2.1500
9	1.3414	1.7258	1.5045	1.7639	1.6233	1.6101	1.7895	0.9156
	1.6644	1.2986	1.4678	1.2531	1.3369	1.3339	1.2078	2.1699
10	1.7001	1.5047	1.4269	1.4858	1.7229	1.6083	1.7846	0.8776
	1.3143	1.4677	1.5478	1.4778	1.2818	1.3453	1.2198	2.2203
11	1.4290	1.7640	1.4860	1.6375	1.5024	1.7844	1.6968	0.7926
	1.5334	1.2531	1.4776	1.3583	1.4591	1.2360	1.2896	2.4675
12	1.7429	1.6233	1.7231	1.5024	1.3740	1.6508	1.0800	
	1.2627	1.3369	1.2816	1.4590	1.5913	1.3260	1.8399	
13	1.5795	1.6109	1.6085	1.7846	1.6509	1.0008	0.5661	
	1.3494	1.3334	1.3451	1.2358	1.3259	1.9699	3.4463	
14	1.7625	1.7898	1.7848	1.6970	1.0803	0.5660		
	1.2254	1.2076	1.2196	1.2894	1.8396	3.4455		
15	0.9016	0.9159	0.8777	0.7926	F-SUB-Q			
	2.1500	2.1694	2.2198	2.4673	M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1966	1.3329	1.6850	1.4209	1.7292	1.5718	1.7527	0.9079
	1.9422	1.7285	1.3715	1.5977	1.3190	1.4045	1.2762	2.2118
9	1.3329	1.7096	1.4932	1.7511	1.6145	1.6034	1.7804	0.9224
	1.7285	1.3537	1.5288	1.3066	1.3917	1.3864	1.2564	2.2292
10	1.6850	1.4933	1.4151	1.4776	1.7139	1.6036	1.7762	0.8880
	1.3715	1.5287	1.6128	1.5356	1.3307	1.3905	1.2641	2.2670
11	1.4209	1.7512	1.4779	1.6271	1.4953	1.7758	1.6886	0.8027
	1.5977	1.3065	1.5354	1.4056	1.5072	1.2761	1.3330	2.5112
12	1.7292	1.6145	1.7141	1.4954	1.3655	1.6405	1.0934	
	1.3190	1.3916	1.3305	1.5071	1.6573	1.3800	1.8718	
13	1.5718	1.6042	1.6039	1.7759	1.6406	1.0101	0.5713	
	1.4045	1.3858	1.3903	1.2760	1.3799	2.0249	3.5297	
14	1.7527	1.7806	1.7765	1.6887	1.0936	0.5712		
	1.2762	1.2562	1.2639	1.3329	1.8714	3.5286		
15	0.9079	0.9228	0.8881	0.8028	F-SUB-Q			
	2.2118	2.2287	2.2666	2.5110	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2012	1.3419	1.7143	1.4340	1.7628	1.5926	1.7912	0.9056
	2.0063	1.7853	1.4018	1.6487	1.3478	1.4425	1.2995	2.3057
9	1.3419	1.7398	1.5080	1.7863	1.6348	1.6269	1.8208	0.9228
	1.7853	1.3832	1.5731	1.3326	1.4299	1.4209	1.2775	2.3160
10	1.7143	1.5081	1.4273	1.4926	1.7492	1.6294	1.8170	0.8836
	1.4018	1.5730	1.6599	1.5777	1.3526	1.4198	1.2818	2.3646
11	1.4340	1.7864	1.4928	1.6582	1.5146	1.8155	1.7254	0.7960
	1.6487	1.3326	1.5775	1.4300	1.5420	1.2935	1.3522	2.6228
12	1.7628	1.6348	1.7493	1.5146	1.3806	1.6731	1.0881	
	1.3478	1.4299	1.3525	1.5419	1.6928	1.3986	1.9452	
13	1.5926	1.6277	1.6297	1.8156	1.6733	1.0031	0.5639	
	1.4425	1.4203	1.4196	1.2934	1.3985	2.1033	3.6856	
14	1.7912	1.8211	1.8173	1.7256	1.0883	0.5638		
	1.2995	1.2773	1.2816	1.3521	1.9448	3.6845		
15	0.9056	0.9232	0.8837	0.7961	F-SUB-Q			
	2.3057	2.3155	2.3642	2.6227	M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1987	1.3419	1.7207	1.4354	1.7710	1.5977	1.8038	0.9070
	2.0515	1.8190	1.4326	1.6966	1.3922	1.5018	1.3478	2.4030
9	1.3419	1.7457	1.5089	1.7954	1.6390	1.6337	1.8345	0.9256
	1.8190	1.4135	1.6120	1.3744	1.4810	1.4772	1.3237	2.4087
10	1.7207	1.5090	1.4266	1.4946	1.7591	1.6384	1.8313	0.8860
	1.4326	1.6119	1.7083	1.6317	1.4013	1.4697	1.3254	2.4572
11	1.4354	1.7955	1.4949	1.6654	1.5191	1.8290	1.7383	0.7972
	1.6966	1.3743	1.6315	1.4840	1.6021	1.3381	1.3977	2.7232
12	1.7710	1.6390	1.7593	1.5191	1.3828	1.6830	1.0914	
	1.3922	1.4809	1.4011	1.6020	1.7578	1.4470	2.0182	
13	1.5977	1.6345	1.6387	1.8291	1.6831	1.0039	0.5625	
	1.5018	1.4765	1.4695	1.3380	1.4469	2.1847	3.8368	
14	1.8038	1.8348	1.8315	1.7384	1.0917	0.5625		
	1.3478	1.3235	1.3252	1.3976	2.0179	3.8356		
15	0.9070	0.9260	0.8861	0.7973	F-SUB-Q			
	2.4030	2.4081	2.4568	2.7231	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1924	1.3334	1.7062	1.4270	1.7568	1.5900	1.7944	0.9110
	2.0108	1.7859	1.4096	1.6653	1.3696	1.4884	1.3446	2.3750
9	1.3334	1.7307	1.4975	1.7820	1.6294	1.6268	1.8254	0.9298
	1.7859	1.3914	1.5849	1.3518	1.4540	1.4658	1.3232	2.3847
10	1.7062	1.4977	1.4146	1.4857	1.7487	1.6333	1.8233	0.8921
	1.4096	1.5848	1.6814	1.6024	1.3837	1.4675	1.3295	2.4320
11	1.4270	1.7820	1.4860	1.6533	1.5111	1.8200	1.7308	0.8049
	1.6653	1.3518	1.6022	1.4644	1.5881	1.3378	1.4060	2.6978
12	1.7568	1.6294	1.7488	1.5111	1.3740	1.6735	1.1016	
	1.3696	1.4540	1.3836	1.5880	1.7621	1.4608	2.0018	
13	1.5900	1.6276	1.6335	1.8202	1.6737	1.0102	0.5656	
	1.4884	1.4652	1.4674	1.3377	1.4607	2.1806	3.8487	
14	1.7944	1.8257	1.8235	1.7310	1.1018	0.5655		
	1.3446	1.3230	1.3293	1.4059	2.0014	3.8472		
15	0.9110	0.9301	0.8921	0.8050	F-SUB-Q			
	2.3750	2.3842	2.4316	2.6977	M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1923	1.3402	1.7315	1.4359	1.7848	1.6070	1.8293	0.9070
	1.9659	1.7362	1.3590	1.6186	1.3200	1.4418	1.2914	2.3302
9	1.3402	1.7569	1.5089	1.8119	1.6450	1.6466	1.8622	0.9282
	1.7362	1.3408	1.5380	1.3019	1.4100	1.4177	1.2698	2.3338
10	1.7315	1.5091	1.4231	1.4964	1.7782	1.6560	1.8608	0.8859
	1.3590	1.5379	1.6336	1.5566	1.3317	1.4156	1.2745	2.3921
11	1.4359	1.8120	1.4967	1.6786	1.5265	1.8556	1.7652	0.7972
	1.6186	1.3018	1.5563	1.4111	1.5373	1.2829	1.3476	2.6589
12	1.7848	1.6450	1.7784	1.5265	1.3865	1.7031	1.0950	
	1.3200	1.4100	1.3316	1.5372	1.7078	1.4022	1.9670	
13	1.6070	1.6475	1.6563	1.8558	1.7033	1.0021	0.5577	
	1.4418	1.4171	1.4154	1.2828	1.4020	2.1463	3.7993	
14	1.8293	1.8625	1.8611	1.7654	1.0953	0.5577		
	1.2914	1.2696	1.2744	1.3475	1.9666	3.7979		
15	0.9070	0.9286	0.8860	0.7972	F-SUB-Q			
	2.3302	2.3332	2.3917	2.6587	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1902	* 1.3408	* 1.7399	* 1.4375	* 1.7944	* 1.6133	* 1.8451	* 0.9058
	* 1.8920	* 1.6673	* 1.3005	* 1.5551	* 1.2638	* 1.3836	* 1.2344	* 2.2430
9	* 1.3408	* 1.7654	* 1.5107	* 1.8226	* 1.6496	* 1.6548	* 1.8790	* 0.9286
	* 1.6673	* 1.2830	* 1.4770	* 1.2458	* 1.3535	* 1.3595	* 1.2136	* 2.2432
10	* 1.7399	* 1.5109	* 1.4225	* 1.4984	* 1.7890	* 1.6667	* 1.8786	* 0.8834
	* 1.3005	* 1.4769	* 1.5711	* 1.4955	* 1.2751	* 1.3562	* 1.2177	* 2.3060
11	* 1.4375	* 1.8227	* 1.4987	* 1.6862	* 1.5317	* 1.8717	* 1.7820	* 0.7959
	* 1.5551	* 1.2457	* 1.4952	* 1.3517	* 1.4753	* 1.2269	* 1.2869	* 2.5582
12	* 1.7944	* 1.6496	* 1.7892	* 1.5317	* 1.3903	* 1.7161	* 1.0954	
	* 1.2638	* 1.3535	* 1.2750	* 1.4752	* 1.6426	* 1.3417	* 1.8898	
13	* 1.6133	* 1.6556	* 1.6670	* 1.8718	* 1.7162	* 0.9997	* 0.5542	
	* 1.3836	* 1.3589	* 1.3561	* 1.2268	* 1.3416	* 2.0673	* 3.6662	
14	* 1.8451	* 1.8793	* 1.8788	* 1.7822	* 1.0957	* 0.5542		
	* 1.2344	* 1.2134	* 1.2176	* 1.2868	* 1.8894	* 3.6648		
15	* 0.9058	* 0.9289	* 0.8835	* 0.7959	* F-SUB-Q			
	* 2.2430	* 2.2426	* 2.3056	* 2.5581	* M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1852	* 1.3372	* 1.7382	* 1.4334	* 1.7924	* 1.6135	* 1.8488	* 0.9058
	* 1.8323	* 1.6120	* 1.2549	* 1.5043	* 1.2198	* 1.3340	* 1.1874	* 2.1637
9	* 1.3372	* 1.7640	* 1.5065	* 1.8215	* 1.6471	* 1.6556	* 1.8832	* 0.9292
	* 1.6120	* 1.2377	* 1.4285	* 1.2018	* 1.3074	* 1.3100	* 1.1670	* 2.1616
10	* 1.7382	* 1.5067	* 1.4171	* 1.4943	* 1.7892	* 1.6691	* 1.8837	* 0.8864
	* 1.2549	* 1.4284	* 1.5212	* 1.4460	* 1.2288	* 1.3045	* 1.1699	* 2.2158
11	* 1.4334	* 1.8215	* 1.4946	* 1.6838	* 1.5295	* 1.8753	* 1.7868	* 0.7967
	* 1.5043	* 1.2018	* 1.4458	* 1.3044	* 1.4232	* 1.1791	* 1.2355	* 2.4623
12	* 1.7924	* 1.6471	* 1.7893	* 1.5295	* 1.3884	* 1.7186	* 1.0981	
	* 1.2198	* 1.3074	* 1.2287	* 1.4232	* 1.5844	* 1.2891	* 1.8146	
13	* 1.6135	* 1.6565	* 1.6694	* 1.8754	* 1.7188	* 1.0007	* 0.5533	
	* 1.3340	* 1.3094	* 1.3043	* 1.1790	* 1.2890	* 1.9875	* 3.5353	
14	* 1.8488	* 1.8835	* 1.8839	* 1.7869	* 1.0984	* 0.5532		
	* 1.1874	* 1.1668	* 1.1697	* 1.2354	* 1.8142	* 3.5339		
15	* 0.9058	* 0.9296	* 0.8865	* 0.7968	* F-SUB-Q			
	* 2.1637	* 2.1611	* 2.2154	* 2.4622	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1815	1.3274	1.7208	1.4224	1.7735	1.6039	1.8349	0.9073
	1.9187	1.6969	1.3244	1.5847	1.2881	1.4021	1.2496	2.2581
9	1.3274	1.7461	1.4930	1.8022	1.6343	1.6455	1.8687	0.9305
	1.6969	1.3062	1.5066	1.2690	1.3769	1.3770	1.2282	2.2564
10	1.7208	1.4932	1.4030	1.4817	1.7710	1.6601	1.8703	0.8897
	1.3244	1.5065	1.6064	1.5239	1.2963	1.3688	1.2298	2.3066
11	1.4224	1.8023	1.4820	1.6642	1.5175	1.8606	1.7752	0.8023
	1.5847	1.2690	1.5237	1.3780	1.4972	1.2396	1.2970	2.5535
12	1.7735	1.6344	1.7712	1.5175	1.3779	1.7057	1.1055	
	1.2881	1.3768	1.2962	1.4971	1.6644	1.3534	1.8800	
13	1.6039	1.6464	1.6604	1.8607	1.7058	1.0055	0.5550	
	1.4021	1.3764	1.3687	1.2395	1.3533	2.0616	3.6768	
14	1.8349	1.8690	1.8705	1.7753	1.1058	0.5551		
	1.2496	1.2280	1.2296	1.2969	1.8796	3.6750		
15	0.9073	0.9308	0.8898	0.8023	F-SUB-Q			
	2.2581	2.2558	2.3062	2.5534	M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1740	1.3286	1.7388	1.4233	1.7924	1.6135	1.8616	0.8966
	1.8623	1.6387	1.2677	1.5337	1.2342	1.3503	1.1930	2.2152
9	1.3286	1.7653	1.4978	1.8222	1.6413	1.6581	1.8965	0.9220
	1.6387	1.2481	1.4530	1.2144	1.3276	1.3237	1.1718	2.2070
10	1.7388	1.4980	1.4052	1.4840	1.7890	1.6746	1.8988	0.8753
	1.2677	1.4529	1.5519	1.4719	1.2403	1.3115	1.1715	2.2708
11	1.4233	1.8223	1.4843	1.6779	1.5243	1.8873	1.8015	0.7884
	1.5337	1.2143	1.4716	1.3197	1.4391	1.1800	1.2339	2.5142
12	1.7924	1.6413	1.7892	1.5243	1.3841	1.7280	1.0909	
	1.2342	1.3275	1.2402	1.4391	1.5939	1.2865	1.8377	
13	1.6135	1.6590	1.6748	1.8875	1.7282	0.9909	0.5438	
	1.3503	1.3231	1.3114	1.1799	1.2863	2.0139	3.6235	
14	1.8616	1.8968	1.8991	1.8017	1.0912	0.5438		
	1.1930	1.1716	1.1713	1.2338	1.8373	3.6219		
15	0.8966	0.9224	0.8754	0.7884	F-SUB-Q			
	2.2152	2.2064	2.2704	2.5141	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1600	1.3137	1.7208	1.4059	1.7733	1.6008	1.8489	0.8857
	1.8147	1.5985	1.2354	1.4985	1.2033	1.3130	1.1583	2.1650
9	1.3137	1.7480	1.4809	1.8017	1.6242	1.6459	1.8831	0.9115
	1.5985	1.2152	1.4179	1.1846	1.2944	1.2863	1.1379	2.1552
10	1.7208	1.4812	1.3885	1.4661	1.7689	1.6622	1.8862	0.8646
	1.2354	1.4177	1.5159	1.4374	1.2097	1.2734	1.1366	2.2188
11	1.4059	1.8017	1.4664	1.6568	1.5079	1.8737	1.7898	0.7789
	1.4985	1.1845	1.4372	1.2891	1.4021	1.1447	1.1963	2.4554
12	1.7733	1.6242	1.7691	1.5079	1.3704	1.7152	1.0795	
	1.2033	1.2944	1.2095	1.4021	1.5476	1.2470	1.7890	
13	1.6008	1.6468	1.6625	1.8739	1.7153	0.9803	0.5362	
	1.3130	1.2857	1.2733	1.1446	1.2468	1.9590	3.5435	
14	1.8489	1.8834	1.8864	1.7900	1.0798	0.5362		
	1.1583	1.1377	1.1365	1.1962	1.7886	3.5420		
15	0.8857	0.9119	0.8647	0.7789	F-SUB-Q			
	2.1650	2.1546	2.2184	2.4553	M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1348	1.2759	1.6540	1.3626	1.7030	1.5569	1.7822	0.8708
	1.8011	1.5963	1.2460	1.4996	1.2148	1.3089	1.1644	2.1372
9	1.2759	1.6804	1.4346	1.7270	1.5736	1.5989	1.8136	0.8946
	1.5963	1.2252	1.4197	1.1980	1.2951	1.2839	1.1448	2.1311
10	1.6540	1.4348	1.3463	1.4206	1.6972	1.6127	1.8173	0.8539
	1.2460	1.4195	1.5168	1.4387	1.2218	1.2715	1.1426	2.1799
11	1.3626	1.7271	1.4209	1.5906	1.4596	1.8022	1.7251	0.7706
	1.4996	1.1980	1.4385	1.3017	1.4036	1.1523	1.2016	2.4078
12	1.7030	1.5736	1.6974	1.4596	1.3294	1.6539	1.0666	
	1.2148	1.2951	1.2217	1.4036	1.5448	1.2514	1.7544	
13	1.5569	1.5998	1.6130	1.8025	1.6540	0.9702	0.5313	
	1.3089	1.2833	1.2713	1.1522	1.2513	1.9174	3.4694	
14	1.7822	1.8139	1.8175	1.7253	1.0669	0.5313		
	1.1644	1.1446	1.1425	1.2015	1.7540	3.4679		
15	0.8708	0.8949	0.8540	0.7706	F-SUB-Q			
	2.1372	2.1306	2.1795	2.4077	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.7297 to 3.5721. Includes F-SUB-Q and M-SUB-Q labels at the bottom.

AT 100% POWER, 225 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.4614 to 3.8254. Includes F-SUB-Q and M-SUB-Q labels at the bottom.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 225 EFPD, THIS IS LEVEL 2 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8154	* 0.9190	* 1.1737	* 0.9842	* 1.2224	* 1.1215	* 1.2678	* 0.6276
	* 2.3628	* 2.0886	* 1.6528	* 1.9558	* 1.5918	* 1.7091	* 1.5375	* 2.8004
9	* 0.9190	* 1.2150	* 1.0201	* 1.2681	* 1.1435	* 1.1567	* 1.3029	* 0.6485
	* 2.0886	* 1.5940	* 1.8794	* 1.5341	* 1.6772	* 1.6679	* 1.4967	* 2.7750
10	* 1.1737	* 1.0202	* 0.9568	* 1.0377	* 1.2504	* 1.1558	* 1.2926	* 0.6092
	* 1.6528	* 1.8792	* 2.0110	* 1.8536	* 1.5583	* 1.6663	* 1.5083	* 2.8836
11	* 0.9842	* 1.2681	* 1.0379	* 1.1790	* 1.0360	* 1.2903	* 1.1934	* 0.5398
	* 1.9558	* 1.5341	* 1.8533	* 1.6503	* 1.8590	* 1.5095	* 1.6311	* 3.2465
12	* 1.2224	* 1.1435	* 1.2505	* 1.0360	* 0.9373	* 1.1505	* 0.7534	
	* 1.5918	* 1.6771	* 1.5582	* 1.8589	* 2.0609	* 1.6899	* 2.3391	
13	* 1.1215	* 1.1572	* 1.1559	* 1.2904	* 1.1506	* 0.6800	* 0.3732	
	* 1.7091	* 1.6672	* 1.6660	* 1.5094	* 1.6897	* 2.5783	* 4.6735	
14	* 1.2678	* 1.3031	* 1.2927	* 1.1936	* 0.7536	* 0.3731		
	* 1.5375	* 1.4965	* 1.5081	* 1.6309	* 2.3386	* 4.6725		
15	* 0.6276	* 0.6487	* 0.6092	* 0.5398	* F-SUB-Q			
	* 2.8004	* 2.7744	* 2.8832	* 3.2463	* M-SUB-Q			

AT 100% POWER, 225 EFPD, THIS IS LEVEL 1 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3752	* 0.4177	* 0.5087	* 0.4508	* 0.5330	* 0.4592	* 0.4994	* 0.2673
	* 5.0936	* 4.5568	* 3.7801	* 4.2312	* 3.6180	* 4.1338	* 3.8693	* 6.5291
9	* 0.4177	* 0.4900	* 0.4334	* 0.5275	* 0.4754	* 0.4695	* 0.4995	* 0.2745
	* 4.5568	* 3.9183	* 4.3853	* 3.6542	* 3.9953	* 4.0694	* 3.8685	* 6.5096
10	* 0.5087	* 0.4334	* 0.4085	* 0.4523	* 0.5262	* 0.4673	* 0.4931	* 0.2601
	* 3.7801	* 4.3851	* 4.6679	* 4.2139	* 3.6666	* 4.0819	* 3.9185	* 6.7077
11	* 0.4508	* 0.5275	* 0.4524	* 0.5009	* 0.4403	* 0.5151	* 0.4623	* 0.2279
	* 4.2312	* 3.6541	* 4.2135	* 3.8499	* 4.3339	* 3.7475	* 4.1772	* 7.6403
12	* 0.5330	* 0.4754	* 0.5263	* 0.4403	* 0.3962	* 0.4500	* 0.3151	
	* 3.6180	* 3.9950	* 3.6664	* 4.3337	* 4.8322	* 4.2861	* 5.5529	
13	* 0.4592	* 0.4697	* 0.4673	* 0.5151	* 0.4500	* 0.2880	* 0.1625	
	* 4.1338	* 4.0684	* 4.0814	* 3.7472	* 4.2856	* 6.0448	* 10.6707	
14	* 0.4994	* 0.4996	* 0.4931	* 0.4624	* 0.3152	* 0.1625		
	* 3.8693	* 3.8680	* 3.9180	* 4.1768	* 5.5519	* 10.6616		
15	* 0.2673	* 0.2745	* 0.2601	* 0.2279	* F-SUB-Q			
	* 6.5291	* 6.5087	* 6.7065	* 7.6396	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4101	* 0.4739	* 0.5605	* 0.5085	* 0.5770	* 0.5057	* 0.5213	* 0.3018
	* 3.9923	* 3.9943	* 3.4580	* 3.6446	* 3.2867	* 3.5965	* 3.6001	* 5.5227
9	* 0.4739	* 0.5382	* 0.4943	* 0.5707	* 0.5243	* 0.5107	* 0.5188	* 0.3061
	* 3.9943	* 3.6367	* 3.8063	* 3.3498	* 3.5150	* 3.5977	* 3.6330	* 5.5862
10	* 0.5605	* 0.4943	* 0.4790	* 0.5120	* 0.5675	* 0.5038	* 0.5092	* 0.2928
	* 3.4580	* 3.8062	* 3.9613	* 3.6888	* 3.4315	* 3.7397	* 3.7775	* 5.7839
11	* 0.5085	* 0.5707	* 0.5121	* 0.5471	* 0.4817	* 0.5318	* 0.4794	* 0.2572
	* 3.6446	* 3.3497	* 3.6884	* 3.5403	* 3.8680	* 3.6065	* 4.0483	* 6.7315
12	* 0.5770	* 0.5243	* 0.5675	* 0.4817	* 0.4121	* 0.4579	* 0.3398	
	* 3.2867	* 3.5148	* 3.4312	* 3.8678	* 4.0616	* 3.9294	* 5.0146	
13	* 0.5057	* 0.5108	* 0.5039	* 0.5319	* 0.4579	* 0.3089	* 0.1941	
	* 3.5965	* 3.5970	* 3.7392	* 3.6062	* 3.9289	* 5.0440	* 8.3797	
14	* 0.5213	* 0.5188	* 0.5093	* 0.4794	* 0.3398	* 0.1942		
	* 3.6001	* 3.6326	* 3.7771	* 4.0478	* 5.0135	* 8.3661		
15	* 0.3018	* 0.3062	* 0.2928	* 0.2572	* F-SUB-Q			
	* 5.5227	* 5.5854	* 5.7821	* 6.7304	* M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8479	* 0.9388	* 1.1184	* 0.9954	* 1.1482	* 1.0784	* 1.1405	* 0.6520
	* 2.1743	* 2.0581	* 1.7673	* 1.9000	* 1.6859	* 1.7233	* 1.6792	* 2.6121
9	* 0.9388	* 1.1535	* 1.0314	* 1.1882	* 1.1137	* 1.0908	* 1.1654	* 0.6598
	* 2.0581	* 1.7231	* 1.8619	* 1.6416	* 1.6895	* 1.7183	* 1.6503	* 2.6541
10	* 1.1184	* 1.0315	* 0.9955	* 1.0442	* 1.1669	* 1.0775	* 1.1494	* 0.6294
	* 1.7673	* 1.8618	* 1.9414	* 1.8465	* 1.7064	* 1.7763	* 1.7058	* 2.7471
11	* 0.9954	* 1.1882	* 1.0443	* 1.1276	* 1.0101	* 1.1575	* 1.0669	* 0.5632
	* 1.9000	* 1.6415	* 1.8463	* 1.7449	* 1.8765	* 1.6860	* 1.8369	* 3.1357
12	* 1.1482	* 1.1137	* 1.1670	* 1.0102	* 0.9102	* 1.0449	* 0.7452	
	* 1.6859	* 1.6894	* 1.7063	* 1.8763	* 1.9761	* 1.8038	* 2.3312	
13	* 1.0784	* 1.0911	* 1.0777	* 1.1576	* 1.0450	* 0.6918	* 0.4225	
	* 1.7233	* 1.7177	* 1.7760	* 1.6859	* 1.8037	* 2.3834	* 3.9424	
14	* 1.1405	* 1.1656	* 1.1495	* 1.0670	* 0.7454	* 0.4225		
	* 1.6792	* 1.6501	* 1.7056	* 1.8368	* 2.3307	* 3.9377		
15	* 0.6520	* 0.6600	* 0.6294	* 0.5632	* F-SUB-Q			
	* 2.6121	* 2.6538	* 2.7462	* 3.1352	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 22 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0398	1.1274	1.3469	1.1943	1.3783	1.2913	1.3689	0.7876
	1.8795	1.7467	1.4874	1.6053	1.4226	1.4525	1.4164	2.1913
9	1.1274	1.3735	1.2531	1.3921	1.3343	1.3083	1.3894	0.7938
	1.7467	1.4700	1.5541	1.4197	1.4288	1.4490	1.4012	2.2344
10	1.3469	1.2532	1.2109	1.2459	1.3605	1.2917	1.3780	0.7666
	1.4874	1.5541	1.6171	1.5687	1.4796	1.5000	1.4397	2.2847
11	1.1943	1.3922	1.2461	1.3124	1.2388	1.3849	1.3056	0.6934
	1.6053	1.4197	1.5685	1.5196	1.5573	1.4313	1.5206	2.5767
12	1.3783	1.3343	1.3606	1.2389	1.1498	1.2886	0.9175	
	1.4226	1.4287	1.4795	1.5571	1.6537	1.5056	1.9262	
13	1.2913	1.3089	1.2919	1.3851	1.2887	0.8690	0.5206	
	1.4525	1.4484	1.4998	1.4312	1.5055	1.9698	3.2663	
14	1.3689	1.3897	1.3782	1.3058	0.9177	0.5205		
	1.4164	1.4010	1.4396	1.5205	1.9259	3.2626		
15	0.7876	0.7940	0.7667	0.6935	F-SUB-Q			
	2.1913	2.2340	2.2840	2.5764	M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 21 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1317	1.2331	1.5164	1.3112	1.5546	1.4234	1.5503	0.8508
	1.7652	1.6247	1.3389	1.4811	1.2774	1.3331	1.2652	2.0526
9	1.2331	1.5455	1.3767	1.5785	1.4723	1.4439	1.5760	0.8611
	1.6247	1.3271	1.4334	1.2680	1.3107	1.3280	1.2490	2.0838
10	1.5164	1.3768	1.3248	1.3682	1.5416	1.4333	1.5654	0.8274
	1.3389	1.4333	1.4975	1.4463	1.3254	1.3709	1.2814	2.1417
11	1.3112	1.5785	1.3684	1.4852	1.3713	1.5744	1.4820	0.7478
	1.4811	1.2680	1.4462	1.3646	1.4303	1.2788	1.3589	2.4191
12	1.5546	1.4723	1.5417	1.3713	1.2699	1.4607	0.9959	
	1.2774	1.3107	1.3253	1.4302	1.5292	1.3545	1.8047	
13	1.4234	1.4446	1.4335	1.5745	1.4607	0.9398	0.5574	
	1.3331	1.3275	1.3707	1.2787	1.3544	1.8620	3.1099	
14	1.5503	1.5763	1.5656	1.4821	0.9961	0.5572		
	1.2652	1.2488	1.2812	1.3588	1.8045	3.1068		
15	0.8508	0.8613	0.8275	0.7479	F-SUB-Q			
	2.0526	2.0834	2.1410	2.4187	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1596	* 1.2711	* 1.5842	* 1.3579	* 1.6307	* 1.4746	* 1.6290	* 0.8816
	* 1.7582	* 1.6056	* 1.3000	* 1.4508	* 1.2350	* 1.3036	* 1.2194	* 2.0081
9	* 1.2711	* 1.6120	* 1.4228	* 1.6609	* 1.5284	* 1.4973	* 1.6584	* 0.8942
	* 1.6056	* 1.2947	* 1.4065	* 1.2218	* 1.2800	* 1.2969	* 1.2018	* 2.0339
10	* 1.5842	* 1.4229	* 1.3657	* 1.4176	* 1.6276	* 1.4955	* 1.6487	* 0.8606
	* 1.3000	* 1.4065	* 1.4743	* 1.4146	* 1.2742	* 1.3341	* 1.2309	* 2.0856
11	* 1.3579	* 1.6610	* 1.4178	* 1.5687	* 1.4273	* 1.6622	* 1.5611	* 0.7759
	* 1.4508	* 1.2218	* 1.4144	* 1.3148	* 1.3985	* 1.2322	* 1.3114	* 2.3592
12	* 1.6307	* 1.5284	* 1.6277	* 1.4274	* 1.3157	* 1.5340	* 1.0374	
	* 1.2350	* 1.2800	* 1.2741	* 1.3984	* 1.5055	* 1.3143	* 1.7645	
13	* 1.4746	* 1.4980	* 1.4958	* 1.6623	* 1.5341	* 0.9722	* 0.5735	
	* 1.3036	* 1.2964	* 1.3339	* 1.2321	* 1.3143	* 1.8371	* 3.0852	
14	* 1.6290	* 1.6587	* 1.6489	* 1.5613	* 1.0376	* 0.5733		
	* 1.2194	* 1.2016	* 1.2308	* 1.3113	* 1.7642	* 3.0821		
15	* 0.8816	* 0.8944	* 0.8607	* 0.7760	* F-SUB-Q			
	* 2.0081	* 2.0335	* 2.0849	* 2.3590	* M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1631	* 1.2810	* 1.6068	* 1.3730	* 1.6579	* 1.4914	* 1.6596	* 0.8951
	* 1.7822	* 1.6176	* 1.3020	* 1.4580	* 1.2345	* 1.3088	* 1.2150	* 2.0094
9	* 1.2810	* 1.6334	* 1.4355	* 1.6930	* 1.5478	* 1.5165	* 1.6912	* 0.9097
	* 1.6176	* 1.2953	* 1.4159	* 1.2177	* 1.2840	* 1.3000	* 1.1959	* 2.0305
10	* 1.6068	* 1.4356	* 1.3771	* 1.4347	* 1.6639	* 1.5205	* 1.6827	* 0.8763
	* 1.3020	* 1.4159	* 1.4861	* 1.4183	* 1.2610	* 1.3306	* 1.2220	* 2.0786
11	* 1.3730	* 1.6931	* 1.4350	* 1.6048	* 1.4484	* 1.6986	* 1.5932	* 0.7908
	* 1.4580	* 1.2176	* 1.4182	* 1.3061	* 1.4011	* 1.2252	* 1.3042	* 2.3444
12	* 1.6579	* 1.5478	* 1.6641	* 1.4484	* 1.3307	* 1.5619	* 1.0592	
	* 1.2345	* 1.2840	* 1.2609	* 1.4011	* 1.5177	* 1.3168	* 1.7605	
13	* 1.4914	* 1.5173	* 1.5208	* 1.6988	* 1.5619	* 0.9868	* 0.5799	
	* 1.3088	* 1.2995	* 1.3304	* 1.2251	* 1.3167	* 1.8510	* 3.1191	
14	* 1.6596	* 1.6914	* 1.6829	* 1.5933	* 1.0594	* 0.5797		
	* 1.2150	* 1.1957	* 1.2218	* 1.3041	* 1.7602	* 3.1159		
15	* 0.8951	* 0.9100	* 0.8764	* 0.7908	* F-SUB-Q			
	* 2.0094	* 2.0301	* 2.0779	* 2.3444	* M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1641	1.2861	1.6277	1.3830	1.6828	1.5056	1.6894	0.8967
	1.8067	1.6292	1.3080	1.4762	1.2398	1.3206	1.2154	2.0440
9	1.2861	1.6544	1.4449	1.7232	1.5645	1.5332	1.7231	0.9134
	1.6292	1.2942	1.4312	1.2184	1.2950	1.3090	1.1946	2.0594
10	1.6277	1.4450	1.3854	1.4479	1.6973	1.5417	1.7157	0.8778
	1.3080	1.4312	1.5028	1.4283	1.2512	1.3268	1.2168	2.1103
11	1.3830	1.7232	1.4481	1.6373	1.4647	1.7327	1.6228	0.7897
	1.4762	1.2183	1.4281	1.2978	1.4056	1.2178	1.2952	2.3766
12	1.6828	1.5645	1.6975	1.4647	1.3420	1.5875	1.0607	
	1.2398	1.2949	1.2511	1.4055	1.5343	1.3204	1.7884	
13	1.5056	1.5339	1.5419	1.7328	1.5876	0.9849	0.5763	
	1.3206	1.3085	1.3266	1.2177	1.3203	1.8909	3.2001	
14	1.6894	1.7233	1.7159	1.6229	1.0609	0.5762		
	1.2154	1.1944	1.2167	1.2951	1.7882	3.1966		
15	0.8967	0.9137	0.8779	0.7897	F-SUB-Q			
	2.0440	2.0590	2.1097	2.3764	M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1583	1.2832	1.6327	1.3829	1.6904	1.5075	1.7007	0.8957
	1.8506	1.6663	1.3288	1.5102	1.2626	1.3485	1.2342	2.0927
9	1.2832	1.6591	1.4437	1.7343	1.5682	1.5371	1.7357	0.9140
	1.6663	1.3162	1.4600	1.2371	1.3214	1.3340	1.2113	2.1031
10	1.6327	1.4438	1.3835	1.4496	1.7107	1.5490	1.7292	0.8775
	1.3288	1.4599	1.5287	1.4500	1.2630	1.3438	1.2293	2.1539
11	1.3829	1.7343	1.4498	1.6494	1.4686	1.7469	1.6345	0.7885
	1.5102	1.2370	1.4499	1.3115	1.4262	1.2286	1.3085	2.4132
12	1.6904	1.5682	1.7108	1.4686	1.3427	1.5961	1.0611	
	1.2626	1.3213	1.2629	1.4262	1.5581	1.3345	1.8158	
13	1.5075	1.5378	1.5492	1.7470	1.5962	0.9821	0.5725	
	1.3485	1.3335	1.3436	1.2286	1.3344	1.9309	3.2722	
14	1.7007	1.7359	1.7294	1.6346	1.0613	0.5724		
	1.2342	1.2111	1.2292	1.3085	1.8155	3.2684		
15	0.8957	0.9143	0.8776	0.7886	F-SUB-Q			
	2.0927	2.1027	2.1532	2.4130	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1546	1.2810	1.6399	1.3828	1.6996	1.5100	1.7131	0.8922
	1.9139	1.7053	1.3547	1.5515	1.2903	1.3824	1.2578	2.1577
9	1.2810	1.6668	1.4435	1.7471	1.5723	1.5414	1.7495	0.9121
	1.7053	1.3363	1.4950	1.2603	1.3535	1.3650	1.2328	2.1625
10	1.6399	1.4437	1.3827	1.4513	1.7247	1.5557	1.7436	0.8724
	1.3547	1.4949	1.5631	1.4809	1.2778	1.3630	1.2461	2.2190
11	1.3828	1.7472	1.4515	1.6620	1.4721	1.7616	1.6465	0.7844
	1.5515	1.2603	1.4807	1.3340	1.4602	1.2491	1.3263	2.4740
12	1.6996	1.5723	1.7248	1.4721	1.3438	1.6059	1.0571	
	1.2903	1.3535	1.2777	1.4602	1.6007	1.3613	1.8687	
13	1.5100	1.5421	1.5559	1.7617	1.6059	0.9761	0.5672	
	1.3824	1.3644	1.3628	1.2491	1.3612	1.9941	3.3846	
14	1.7131	1.7497	1.7438	1.6465	1.0573	0.5671		
	1.2578	1.2327	1.2460	1.3263	1.8685	3.3807		
15	0.8922	0.9124	0.8725	0.7844	F-SUB-Q			
	2.1577	2.1621	2.2183	2.4738	M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1432	1.2677	1.6182	1.3691	1.6778	1.4941	1.6929	0.8939
	1.9842	1.7714	1.4153	1.6172	1.3494	1.4411	1.3130	2.2238
9	1.2677	1.6443	1.4264	1.7264	1.5577	1.5259	1.7295	0.9136
	1.7714	1.3934	1.5591	1.3155	1.4083	1.4216	1.2855	2.2259
10	1.6182	1.4266	1.3661	1.4363	1.7072	1.5417	1.7244	0.8777
	1.4153	1.5590	1.6280	1.5407	1.3264	1.4120	1.2947	2.2702
11	1.3691	1.7264	1.4365	1.6443	1.4574	1.7426	1.6282	0.7893
	1.6172	1.3155	1.5405	1.3814	1.5101	1.2925	1.3743	2.5245
12	1.6778	1.5577	1.7073	1.4574	1.3288	1.5867	1.0644	
	1.3494	1.4082	1.3263	1.5101	1.6677	1.4190	1.9038	
13	1.4941	1.5266	1.5419	1.7426	1.5867	0.9804	0.5699	
	1.4411	1.4210	1.4119	1.2925	1.4189	2.0516	3.4691	
14	1.6929	1.7297	1.7245	1.6283	1.0646	0.5698		
	1.3130	1.2853	1.2946	1.3742	1.9035	3.4648		
15	0.8939	0.9138	0.8777	0.7894	F-SUB-Q			
	2.2238	2.2255	2.2696	2.5243	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1422	1.2719	1.6393	1.3749	1.7009	1.5050	1.7201	0.8867
	2.0529	1.8297	1.4479	1.6715	1.3816	1.4834	1.3398	2.3216
9	1.2719	1.6671	1.4352	1.7542	1.5702	1.5393	1.7583	0.9095
	1.8297	1.4246	1.6053	1.3414	1.4469	1.4604	1.3101	2.3158
10	1.6393	1.4354	1.3728	1.4453	1.7343	1.5577	1.7532	0.8694
	1.4479	1.6052	1.6777	1.5850	1.3514	1.4448	1.3161	2.3704
11	1.3749	1.7543	1.4455	1.6693	1.4690	1.7720	1.6540	0.7796
	1.6715	1.3413	1.5848	1.4065	1.5475	1.3128	1.3973	2.6397
12	1.7009	1.5702	1.7344	1.4689	1.3371	1.6096	1.0539	
	1.3816	1.4469	1.3513	1.5475	1.7079	1.4408	1.9817	
13	1.5050	1.5400	1.5578	1.7721	1.6096	0.9690	0.5597	
	1.4834	1.4598	1.4447	1.3127	1.4407	2.1337	3.6285	
14	1.7201	1.7585	1.7534	1.6540	1.0541	0.5596		
	1.3398	1.3100	1.3160	1.3972	1.9814	3.6243		
15	0.8867	0.9098	0.8695	0.7796	F-SUB-Q			
	2.3216	2.3154	2.3697	2.6395	M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1386	1.2700	1.6422	1.3734	1.7042	1.5047	1.7254	0.8855
	2.1081	1.8733	1.4869	1.7276	1.4340	1.5450	1.3908	2.4196
9	1.2700	1.6701	1.4337	1.7597	1.5711	1.5402	1.7644	0.9094
	1.8733	1.4633	1.6524	1.3913	1.5054	1.5193	1.3588	2.4091
10	1.6422	1.4338	1.3701	1.4445	1.7402	1.5606	1.7598	0.8688
	1.4869	1.6523	1.7355	1.6452	1.4000	1.4975	1.3623	2.4646
11	1.3734	1.7598	1.4448	1.6740	1.4694	1.7792	1.6599	0.7784
	1.7276	1.3913	1.6450	1.4585	1.6082	1.3589	1.4463	2.7411
12	1.7042	1.5711	1.7402	1.4694	1.3358	1.6137	1.0541	
	1.4340	1.5054	1.3999	1.6081	1.7751	1.4916	2.0564	
13	1.5047	1.5409	1.5607	1.7793	1.6137	0.9673	0.5570	
	1.5450	1.5187	1.4974	1.3588	1.4915	2.2163	3.7772	
14	1.7254	1.7646	1.7599	1.6599	1.0543	0.5569		
	1.3908	1.3587	1.3622	1.4462	2.0561	3.7727		
15	0.8855	0.9097	0.8689	0.7784	F-SUB-Q			
	2.4196	2.4087	2.4640	2.7409	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1353	1.2625	1.6290	1.3659	1.6906	1.4960	1.7135	0.8891
	2.0605	1.8373	1.4617	1.6937	1.4096	1.5368	1.3934	2.3975
9	1.2625	1.6566	1.4230	1.7467	1.5626	1.5311	1.7526	0.9121
	1.8373	1.4389	1.6234	1.3676	1.4768	1.5131	1.3640	2.3928
10	1.6290	1.4231	1.3594	1.4360	1.7297	1.5530	1.7490	0.8737
	1.4617	1.6233	1.7063	1.6145	1.3866	1.5000	1.3716	2.4451
11	1.3659	1.7467	1.4363	1.6631	1.4606	1.7681	1.6497	0.7843
	1.6937	1.3676	1.6143	1.4438	1.5989	1.3637	1.4595	2.7223
12	1.6906	1.5626	1.7298	1.4606	1.3265	1.6024	1.0628	
	1.4096	1.4767	1.3866	1.5989	1.7784	1.5097	2.0436	
13	1.4960	1.5318	1.5531	1.7682	1.6025	0.9730	0.5601	
	1.5368	1.5125	1.4999	1.3637	1.5096	2.2135	3.7842	
14	1.7135	1.7528	1.7491	1.6497	1.0630	0.5601		
	1.3934	1.3639	1.3715	1.4595	2.0433	3.7792		
15	0.8891	0.9124	0.8738	0.7843	F-SUB-Q			
	2.3975	2.3923	2.4444	2.7221	M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1352	1.2704	1.6539	1.3748	1.7170	1.5097	1.7438	0.8842
	2.0155	1.7857	1.4099	1.6481	1.3591	1.4907	1.3401	2.3558
9	1.2704	1.6834	1.4354	1.7778	1.5782	1.5478	1.7850	0.9103
	1.7857	1.3867	1.5757	1.3159	1.4315	1.4650	1.3108	2.3450
10	1.6539	1.4355	1.3689	1.4477	1.7599	1.5724	1.7817	0.8676
	1.4099	1.5756	1.6582	1.5677	1.3335	1.4483	1.3169	2.4077
11	1.3748	1.7778	1.4480	1.6909	1.4754	1.8011	1.6800	0.7770
	1.6481	1.3159	1.5675	1.3890	1.5476	1.3085	1.4005	2.6846
12	1.7170	1.5782	1.7600	1.4754	1.3378	1.6294	1.0559	
	1.3591	1.4315	1.3334	1.5476	1.7232	1.4498	2.0087	
13	1.5097	1.5485	1.5725	1.8012	1.6295	0.9648	0.5520	
	1.4907	1.4645	1.4482	1.3084	1.4497	2.1787	3.7407	
14	1.7438	1.7852	1.7819	1.6800	1.0561	0.5519		
	1.3401	1.3106	1.3168	1.4004	2.0084	3.7362		
15	0.8842	0.9106	0.8677	0.7770	F-SUB-Q			
	2.3558	2.3446	2.4070	2.6844	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1374	1.2752	1.6668	1.3803	1.7304	1.5174	1.7602	0.8847
	1.9373	1.7133	1.3487	1.5823	1.3024	1.4330	1.2839	2.2680
9	1.2752	1.6971	1.4416	1.7937	1.5870	1.5570	1.8025	0.9122
	1.7133	1.3255	1.5119	1.2601	1.3749	1.4075	1.2556	2.2544
10	1.6668	1.4418	1.3728	1.4542	1.7758	1.5839	1.7999	0.8661
	1.3487	1.5118	1.5931	1.5059	1.2780	1.3905	1.2612	2.3229
11	1.3803	1.7938	1.4545	1.7051	1.4837	1.8192	1.6972	0.7769
	1.5823	1.2601	1.5057	1.3310	1.4869	1.2539	1.3405	2.5838
12	1.7304	1.5870	1.7759	1.4836	1.3433	1.6440	1.0579	
	1.3024	1.3749	1.2780	1.4869	1.6586	1.3895	1.9327	
13	1.5174	1.5577	1.5840	1.8193	1.6441	0.9644	0.5496	
	1.4330	1.4069	1.3904	1.2539	1.3894	2.1005	3.6080	
14	1.7602	1.8027	1.8001	1.6973	1.0581	0.5496		
	1.2839	1.2555	1.2612	1.3404	1.9325	3.6036		
15	0.8847	0.9125	0.8661	0.7769	F-SUB-Q			
	2.2680	2.2539	2.3223	2.5837	M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1388	1.2786	1.6742	1.3840	1.7377	1.5225	1.7696	0.8879
	1.8703	1.6516	1.2975	1.5254	1.2530	1.3795	1.2332	2.1833
9	1.2786	1.7052	1.4450	1.8023	1.5927	1.5630	1.8127	0.9163
	1.6516	1.2748	1.4580	1.2117	1.3236	1.3541	1.2056	2.1679
10	1.6742	1.4451	1.3749	1.4579	1.7854	1.5913	1.8108	0.8725
	1.2975	1.4579	1.5374	1.4514	1.2275	1.3355	1.2099	2.2270
11	1.3840	1.8023	1.4581	1.7133	1.4882	1.8299	1.7072	0.7807
	1.5254	1.2117	1.4512	1.2790	1.4308	1.2025	1.2852	2.4820
12	1.7377	1.5927	1.7854	1.4881	1.3464	1.6525	1.0647	
	1.2530	1.3236	1.2274	1.4308	1.5969	1.3327	1.8521	
13	1.5225	1.5638	1.5915	1.8300	1.6526	0.9693	0.5510	
	1.3795	1.3536	1.3354	1.2025	1.3326	2.0149	3.4707	
14	1.7696	1.8129	1.8109	1.7073	1.0649	0.5510		
	1.2332	1.2054	1.2098	1.2852	1.8518	3.4664		
15	0.8879	0.9166	0.8725	0.7807	F-SUB-Q			
	2.1833	2.1675	2.2264	2.4819	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1462	* 1.2793	* 1.6713	* 1.3846	* 1.7341	* 1.5226	* 1.7672	* 0.8960
	* 1.9460	* 1.7299	* 1.3620	* 1.5981	* 1.3154	* 1.4447	* 1.2929	* 2.2687
9	* 1.2793	* 1.7018	* 1.4430	* 1.7974	* 1.5925	* 1.5628	* 1.8102	* 0.9232
	* 1.7299	* 1.3381	* 1.5304	* 1.2727	* 1.3868	* 1.4183	* 1.2638	* 2.2539
10	* 1.6713	* 1.4432	* 1.3720	* 1.4569	* 1.7818	* 1.5925	* 1.8091	* 0.8814
	* 1.3620	* 1.5302	* 1.6147	* 1.5215	* 1.2875	* 1.3963	* 1.2671	* 2.3084
11	* 1.3846	* 1.7975	* 1.4572	* 1.7087	* 1.4871	* 1.8282	* 1.7061	* 0.7904
	* 1.5981	* 1.2726	* 1.5214	* 1.3423	* 1.4981	* 1.2586	* 1.3446	* 2.5658
12	* 1.7341	* 1.5924	* 1.7819	* 1.4870	* 1.3446	* 1.6504	* 1.0788	
	* 1.3154	* 1.3868	* 1.2875	* 1.4981	* 1.6718	* 1.3940	* 1.9110	
13	* 1.5226	* 1.5636	* 1.5926	* 1.8283	* 1.6504	* 0.9804	* 0.5567	
	* 1.4447	* 1.4178	* 1.3962	* 1.2586	* 1.3939	* 2.0813	* 3.5921	
14	* 1.7672	* 1.8104	* 1.8092	* 1.7062	* 1.0790	* 0.5568		
	* 1.2929	* 1.2636	* 1.2670	* 1.3445	* 1.9107	* 3.5869		
15	* 0.8960	* 0.9235	* 0.8815	* 0.7904	* F-SUB-Q			
	* 2.2687	* 2.2535	* 2.3079	* 2.5657	* M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1479	* 1.2924	* 1.7041	* 1.3981	* 1.7683	* 1.5427	* 1.8057	* 0.8920
	* 1.8809	* 1.6608	* 1.2960	* 1.5367	* 1.2526	* 1.3854	* 1.2293	* 2.2146
9	* 1.2924	* 1.7369	* 1.4611	* 1.8348	* 1.6133	* 1.5861	* 1.8506	* 0.9224
	* 1.6608	* 1.2712	* 1.4668	* 1.2098	* 1.3287	* 1.3576	* 1.2008	* 2.1937
10	* 1.7041	* 1.4613	* 1.3863	* 1.4730	* 1.8170	* 1.6177	* 1.8500	* 0.8741
	* 1.2960	* 1.4667	* 1.5511	* 1.4606	* 1.2247	* 1.3334	* 1.2028	* 2.2628
11	* 1.3981	* 1.8349	* 1.4732	* 1.7407	* 1.5065	* 1.8683	* 1.7442	* 0.7835
	* 1.5367	* 1.2098	* 1.4604	* 1.2774	* 1.4338	* 1.1938	* 1.2756	* 2.5148
12	* 1.7683	* 1.6133	* 1.8171	* 1.5065	* 1.3603	* 1.6849	* 1.0730	
	* 1.2526	* 1.3287	* 1.2247	* 1.4338	* 1.5981	* 1.3219	* 1.8626	
13	* 1.5427	* 1.5869	* 1.6178	* 1.8683	* 1.6850	* 0.9736	* 0.5496	
	* 1.3854	* 1.3571	* 1.3333	* 1.1938	* 1.3219	* 2.0290	* 3.5322	
14	* 1.8057	* 1.8508	* 1.8501	* 1.7442	* 1.0732	* 0.5496		
	* 1.2293	* 1.2007	* 1.2028	* 1.2755	* 1.8623	* 3.5277		
15	* 0.8920	* 0.9228	* 0.8742	* 0.7835	* F-SUB-Q			
	* 2.2146	* 2.1932	* 2.2622	* 2.5147	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1483	* 1.2939	* 1.7090	* 1.3987	* 1.7730	* 1.5467	* 1.8135	* 0.8908
	* 1.8138	* 1.6035	* 1.2492	* 1.4855	* 1.2076	* 1.3357	* 1.1828	* 2.1448
9	* 1.2939	* 1.7426	* 1.4624	* 1.8383	* 1.6157	* 1.5910	* 1.8584	* 0.9220
	* 1.6035	* 1.2242	* 1.4171	* 1.1671	* 1.2825	* 1.3081	* 1.1552	* 2.1224
10	* 1.7090	* 1.4626	* 1.3859	* 1.4731	* 1.8200	* 1.6231	* 1.8585	* 0.8731
	* 1.2492	* 1.4170	* 1.5004	* 1.4117	* 1.1811	* 1.2831	* 1.1562	* 2.1904
11	* 1.3987	* 1.8384	* 1.4734	* 1.7412	* 1.5080	* 1.8755	* 1.7521	* 0.7827
	* 1.4855	* 1.1670	* 1.4116	* 1.2332	* 1.3828	* 1.1476	* 1.2254	* 2.4332
12	* 1.7730	* 1.6156	* 1.8201	* 1.5079	* 1.3611	* 1.6913	* 1.0739	
	* 1.2076	* 1.2824	* 1.1811	* 1.3829	* 1.5383	* 1.2691	* 1.7958	
13	* 1.5467	* 1.5918	* 1.6232	* 1.8755	* 1.6913	* 0.9738	* 0.5479	
	* 1.3357	* 1.3076	* 1.2831	* 1.1475	* 1.2690	* 1.9551	* 3.4211	
14	* 1.8135	* 1.8587	* 1.8586	* 1.7521	* 1.0741	* 0.5478		
	* 1.1828	* 1.1551	* 1.1562	* 1.2254	* 1.7955	* 3.4167		
15	* 0.8908	* 0.9223	* 0.8731	* 0.7826	* F-SUB-Q			
	* 2.1448	* 2.1220	* 2.1899	* 2.4331	* M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1429	* 1.2768	* 1.6716	* 1.3778	* 1.7335	* 1.5251	* 1.7740	* 0.8885
	* 1.7732	* 1.5800	* 1.2406	* 1.4658	* 1.1998	* 1.3160	* 1.1741	* 2.0917
9	* 1.2768	* 1.7046	* 1.4384	* 1.7922	* 1.5893	* 1.5675	* 1.8175	* 0.9173
	* 1.5800	* 1.2155	* 1.4002	* 1.1626	* 1.2666	* 1.2898	* 1.1467	* 2.0734
10	* 1.6716	* 1.4386	* 1.3631	* 1.4487	* 1.7754	* 1.5972	* 1.8186	* 0.8744
	* 1.2406	* 1.4001	* 1.4826	* 1.3948	* 1.1754	* 1.2655	* 1.1466	* 2.1255
11	* 1.3778	* 1.7923	* 1.4490	* 1.6942	* 1.4818	* 1.8326	* 1.7144	* 0.7844
	* 1.4658	* 1.1625	* 1.3946	* 1.2300	* 1.3658	* 1.1389	* 1.2145	* 2.3587
12	* 1.7335	* 1.5893	* 1.7754	* 1.4817	* 1.3388	* 1.6554	* 1.0769	
	* 1.1998	* 1.2666	* 1.1754	* 1.3659	* 1.5171	* 1.2566	* 1.7378	
13	* 1.5251	* 1.5683	* 1.5974	* 1.8327	* 1.6555	* 0.9774	* 0.5505	
	* 1.3160	* 1.2893	* 1.2654	* 1.1388	* 1.2565	* 1.8893	* 3.3068	
14	* 1.7740	* 1.8177	* 1.8187	* 1.7145	* 1.0771	* 0.5505		
	* 1.1741	* 1.1466	* 1.1465	* 1.2145	* 1.7375	* 3.3023		
15	* 0.8885	* 0.9177	* 0.8744	* 0.7844	* F-SUB-Q			
	* 2.0917	* 2.0730	* 2.1250	* 2.3586	* M-SUB-Q			

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 4 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1128	1.2511	1.6400	1.3475	1.7004	1.5002	1.7429	0.8582
	1.7766	1.5737	1.2344	1.4635	1.1940	1.3059	1.1660	2.1140
9	1.2511	1.6741	1.4128	1.7539	1.5589	1.5441	1.7851	0.8880
	1.5737	1.2080	1.3922	1.1594	1.2603	1.2780	1.1390	2.0919
10	1.6400	1.4130	1.3395	1.4192	1.7335	1.5698	1.7858	0.8422
	1.2344	1.3921	1.4737	1.3899	1.1745	1.2558	1.1388	2.1549
11	1.3475	1.7540	1.4195	1.6495	1.4529	1.7972	1.6823	0.7540
	1.4635	1.1593	1.3897	1.2324	1.3588	1.1323	1.2067	2.3958
12	1.7004	1.5589	1.7336	1.4529	1.3150	1.6252	1.0378	
	1.1940	1.2603	1.1744	1.3588	1.5069	1.2476	1.7588	
13	1.5002	1.5449	1.5700	1.7972	1.6253	0.9447	0.5287	
	1.3059	1.2774	1.2557	1.1322	1.2475	1.9066	3.3618	
14	1.7429	1.7853	1.7860	1.6824	1.0380	0.5287		
	1.1660	1.1389	1.1387	1.2066	1.7585	3.3576		
15	0.8582	0.8883	0.8422	0.7540	F-SUB-Q			
	2.1140	2.0915	2.1544	2.3957	M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 3 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0414	1.1668	1.5034	1.2535	1.5581	1.3998	1.5995	0.7986
	1.8638	1.6558	1.3202	1.5437	1.2775	1.3725	1.2453	2.2296
9	1.1668	1.5365	1.3167	1.6043	1.4530	1.4417	1.6380	0.8255
	1.6558	1.2904	1.4654	1.2422	1.3261	1.3424	1.2163	2.2085
10	1.5034	1.3168	1.2507	1.3244	1.5853	1.4603	1.6370	0.7809
	1.3202	1.4653	1.5483	1.4607	1.2584	1.3228	1.2170	2.2807
11	1.2535	1.6044	1.3246	1.5080	1.3513	1.6473	1.5412	0.7000
	1.5437	1.2422	1.4605	1.3209	1.4322	1.2099	1.2904	2.5331
12	1.5581	1.4530	1.5854	1.3513	1.2255	1.4913	0.9644	
	1.2775	1.3260	1.2583	1.4322	1.5852	1.3319	1.8557	
13	1.3998	1.4423	1.4605	1.6474	1.4914	0.8799	0.4920	
	1.3725	1.3419	1.3227	1.2099	1.3318	2.0076	3.5477	
14	1.5995	1.6383	1.6371	1.5413	0.9646	0.4920		
	1.2453	1.2161	1.2169	1.2903	1.8554	3.5433		
15	0.7986	0.8259	0.7809	0.7000	F-SUB-Q			
	2.2296	2.2080	2.2802	2.5330	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 300 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8605	* 0.9622	* 1.2224	* 1.0325	* 1.2685	* 1.1502	* 1.2993	* 0.6607
	* 2.2242	* 1.9788	* 1.5994	* 1.8462	* 1.5449	* 1.6453	* 1.5081	* 2.6579
9	* 0.9622	* 1.2648	* 1.0699	* 1.3371	* 1.1986	* 1.1867	* 1.3377	* 0.6842
	* 1.9789	* 1.5434	* 1.7757	* 1.4666	* 1.5826	* 1.6054	* 1.4654	* 2.6273
10	* 1.2224	* 1.0701	* 1.0150	* 1.0986	* 1.3229	* 1.1966	* 1.3313	* 0.6431
	* 1.5994	* 1.7756	* 1.8788	* 1.7338	* 1.4831	* 1.5894	* 1.4723	* 2.7299
11	* 1.0325	* 1.3371	* 1.0987	* 1.2682	* 1.0936	* 1.3435	* 1.2378	* 0.5723
	* 1.8462	* 1.4665	* 1.7336	* 1.5455	* 1.7422	* 1.4590	* 1.5810	* 3.0558
12	* 1.2685	* 1.1986	* 1.3230	* 1.0935	* 0.9937	* 1.2036	* 0.7914	*
	* 1.5449	* 1.5825	* 1.4831	* 1.7422	* 1.9252	* 1.6243	* 2.2279	*
13	* 1.1502	* 1.1872	* 1.1967	* 1.3436	* 1.2036	* 0.7187	* 0.4047	*
	* 1.6453	* 1.6048	* 1.5893	* 1.4589	* 1.6242	* 2.4223	* 4.2579	*
14	* 1.2993	* 1.3378	* 1.3314	* 1.2379	* 0.7915	* 0.4046	*	*
	* 1.5081	* 1.4653	* 1.4722	* 1.5809	* 2.2276	* 4.2533	*	*
15	* 0.6607	* 0.6844	* 0.6431	* 0.5723	* F-SUB-Q			
	* 2.6579	* 2.6268	* 2.7293	* 3.0556	* M-SUB-Q			

AT 100% POWER, 300 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4085	* 0.4516	* 0.5495	* 0.4867	* 0.5712	* 0.4887	* 0.5320	* 0.2894
	* 4.6417	* 4.1758	* 3.5218	* 3.8764	* 3.3951	* 3.8293	* 3.6464	* 6.0186
9	* 0.4516	* 0.5286	* 0.4695	* 0.5708	* 0.5144	* 0.5000	* 0.5326	* 0.2972
	* 4.1758	* 3.6555	* 4.0054	* 3.3980	* 3.6454	* 3.7681	* 3.6423	* 5.9959
10	* 0.5495	* 0.4695	* 0.4477	* 0.4930	* 0.5718	* 0.5028	* 0.5279	* 0.2821
	* 3.5218	* 4.0052	* 4.2151	* 3.8220	* 3.3940	* 3.7399	* 3.6745	* 6.1717
11	* 0.4867	* 0.5708	* 0.4931	* 0.5507	* 0.4788	* 0.5560	* 0.4988	* 0.2488
	* 3.8764	* 3.3979	* 3.8217	* 3.5219	* 3.9370	* 3.4884	* 3.8859	* 6.9748
12	* 0.5712	* 0.5144	* 0.5718	* 0.4788	* 0.4343	* 0.4897	* 0.3415	*
	* 3.3951	* 3.6453	* 3.3939	* 3.9369	* 4.3598	* 3.9539	* 5.1185	*
13	* 0.4887	* 0.5002	* 0.5029	* 0.5560	* 0.4898	* 0.3151	* 0.1815	*
	* 3.8293	* 3.7673	* 3.7397	* 3.4882	* 3.9536	* 5.4799	* 9.4278	*
14	* 0.5320	* 0.5327	* 0.5279	* 0.4988	* 0.3416	* 0.1816	*	*
	* 3.6464	* 3.6419	* 3.6743	* 3.8857	* 5.1178	* 9.4122	*	*
15	* 0.2894	* 0.2973	* 0.2821	* 0.2488	* F-SUB-Q			
	* 6.0186	* 5.9951	* 6.1702	* 6.9743	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.4479	0.5188	0.6137	0.5574	0.6314	0.5548	0.5750	0.3384
	3.5879	3.6386	3.1970	3.3109	3.0449	3.2621	3.3088	4.8635
9	0.5188	0.5893	0.5423	0.6254	0.5759	0.5617	0.5725	0.3429
	3.6386	3.3706	3.4522	3.0963	3.1852	3.2557	3.3373	5.0194
10	0.6137	0.5423	0.5297	0.5642	0.6243	0.5559	0.5642	0.3287
	3.1970	3.4522	3.5737	3.3318	3.1585	3.3699	3.4545	5.1342
11	0.5574	0.6254	0.5642	0.6047	0.5339	0.5889	0.5324	0.2910
	3.3109	3.0962	3.3316	3.2503	3.4785	3.3094	3.6950	5.9519
12	0.6314	0.5760	0.6244	0.5339	0.4558	0.5112	0.3797	
	3.0449	3.1850	3.1583	3.4783	3.6102	3.5654	4.5389	
13	0.5548	0.5618	0.5560	0.5890	0.5113	0.3467	0.2243	
	3.2621	3.2551	3.3695	3.3091	3.5650	4.4415	7.2441	
14	0.5750	0.5726	0.5642	0.5325	0.3798	0.2244		
	3.3088	3.3369	3.4542	3.6947	4.5379	7.2321		
15	0.3384	0.3429	0.3288	0.2910	F-SUB-Q			
	4.8635	5.0187	5.1330	5.9511	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.8914	0.9832	1.1683	1.0455	1.2009	1.1296	1.1998	0.6996
	2.0598	1.9596	1.7140	1.8025	1.6345	1.6384	1.6197	2.4057
9	0.9832	1.2030	1.0813	1.2510	1.1690	1.1440	1.2255	0.7092
	1.9596	1.6747	1.7684	1.5810	1.6022	1.6304	1.5922	2.4869
10	1.1683	1.0813	1.0511	1.1018	1.2356	1.1391	1.2126	0.6765
	1.7140	1.7683	1.8371	1.7421	1.6333	1.6754	1.6396	2.5496
11	1.0455	1.2510	1.1019	1.1993	1.0727	1.2242	1.1319	0.6089
	1.8025	1.5809	1.7420	1.6632	1.7629	1.6190	1.7597	2.9041
12	1.2009	1.1690	1.2357	1.0727	0.9698	1.1104	0.7960	
	1.6345	1.6022	1.6332	1.7628	1.8481	1.7192	2.2066	
13	1.1296	1.1444	1.1392	1.2243	1.1105	0.7409	0.4658	
	1.6384	1.6299	1.6752	1.6189	1.7190	2.2042	3.5701	
14	1.1998	1.2257	1.2127	1.1320	0.7962	0.4658		
	1.6197	1.5920	1.6394	1.7596	2.2062	3.5657		
15	0.6996	0.7093	0.6765	0.6089	F-SUB-Q			
	2.4057	2.4865	2.5490	2.9037	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.0696	* 1.1558	* 1.3912	* 1.2308	* 1.4315	* 1.3270	* 1.4278	* 0.8330
	* 1.8231	* 1.6980	* 1.4584	* 1.5509	* 1.3880	* 1.4072	* 1.3773	* 2.0461
9	* 1.1558	* 1.4199	* 1.2864	* 1.4622	* 1.3758	* 1.3457	* 1.4547	* 0.8433
	* 1.6980	* 1.4393	* 1.5065	* 1.3700	* 1.3786	* 1.4024	* 1.3569	* 2.1172
10	* 1.3912	* 1.2865	* 1.2510	* 1.2920	* 1.4379	* 1.3425	* 1.4442	* 0.8139
	* 1.4584	* 1.5065	* 1.5637	* 1.5049	* 1.4190	* 1.4384	* 1.3926	* 2.1458
11	* 1.2308	* 1.4623	* 1.2922	* 1.3976	* 1.2920	* 1.4590	* 1.3639	* 0.7363
	* 1.5509	* 1.3700	* 1.5048	* 1.4466	* 1.4880	* 1.3787	* 1.4777	* 2.4314
12	* 1.4315	* 1.3759	* 1.4380	* 1.2920	* 1.2004	* 1.3474	* 0.9642	
	* 1.3880	* 1.3786	* 1.4189	* 1.4879	* 1.5815	* 1.4611	* 1.8519	
13	* 1.3270	* 1.3463	* 1.3426	* 1.4591	* 1.3475	* 0.9119	* 0.5624	
	* 1.4072	* 1.4019	* 1.4383	* 1.3786	* 1.4610	* 1.8610	* 3.0175	
14	* 1.4278	* 1.4549	* 1.4444	* 1.3640	* 0.9644	* 0.5624		
	* 1.3773	* 1.3568	* 1.3925	* 1.4776	* 1.8517	* 3.0138		
15	* 0.8330	* 0.8435	* 0.8140	* 0.7363	* F-SUB-Q			
	* 2.0461	* 2.1169	* 2.1453	* 2.4311	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 1.1446	* 1.2419	* 1.5335	* 1.3292	* 1.5842	* 1.4374	* 1.5871	* 0.8873
	* 1.7397	* 1.6042	* 1.3393	* 1.4527	* 1.2684	* 1.3124	* 1.2514	* 1.9412
9	* 1.2419	* 1.5652	* 1.3891	* 1.6253	* 1.4935	* 1.4586	* 1.6193	* 0.9024
	* 1.6042	* 1.3243	* 1.4115	* 1.2466	* 1.2847	* 1.3067	* 1.2312	* 1.9993
10	* 1.5335	* 1.3892	* 1.3471	* 1.3960	* 1.6026	* 1.4633	* 1.6090	* 0.8663
	* 1.3393	* 1.4115	* 1.4705	* 1.4085	* 1.2891	* 1.3363	* 1.2624	* 2.0371
11	* 1.3292	* 1.6254	* 1.3962	* 1.5577	* 1.4072	* 1.6293	* 1.5205	* 0.7825
	* 1.4527	* 1.2466	* 1.4083	* 1.3169	* 1.3866	* 1.2520	* 1.3422	* 2.3110
12	* 1.5842	* 1.4935	* 1.6027	* 1.4072	* 1.3045	* 1.5002	* 1.0297	
	* 1.2684	* 1.2846	* 1.2890	* 1.3865	* 1.4848	* 1.3362	* 1.7612	
13	* 1.4374	* 1.4593	* 1.4635	* 1.6294	* 1.5003	* 0.9701	* 0.5924	
	* 1.3124	* 1.3062	* 1.3361	* 1.2520	* 1.3361	* 1.7870	* 2.9174	
14	* 1.5871	* 1.6195	* 1.6091	* 1.5206	* 1.0298	* 0.5922		
	* 1.2514	* 1.2311	* 1.2622	* 1.3421	* 1.7610	* 2.9142		
15	* 0.8873	* 0.9027	* 0.8664	* 0.7825	* F-SUB-Q			
	* 1.9412	* 1.9990	* 2.0365	* 2.3108	* M-SUB-Q			

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1581	1.2635	1.5761	1.3569	1.6332	1.4673	1.6398	0.9064
	1.7516	1.6038	1.3193	1.4410	1.2452	1.2998	1.2242	1.9225
9	1.2635	1.6087	1.4155	1.6827	1.5287	1.4915	1.6760	0.9242
	1.6038	1.3085	1.4024	1.2188	1.2711	1.2921	1.2021	1.9744
10	1.5761	1.4156	1.3696	1.4259	1.6642	1.5040	1.6659	0.8884
	1.3193	1.4023	1.4652	1.3951	1.2573	1.3182	1.2314	2.0084
11	1.3569	1.6828	1.4261	1.6189	1.4426	1.6898	1.5752	0.8006
	1.4410	1.2188	1.3949	1.2863	1.3737	1.2254	1.3142	2.2822
12	1.6332	1.5288	1.6643	1.4426	1.3319	1.5505	1.0576	
	1.2452	1.2711	1.2572	1.3736	1.4802	1.3153	1.7429	
13	1.4673	1.4921	1.5041	1.6899	1.5505	0.9901	0.6014	
	1.2998	1.2916	1.3180	1.2253	1.3152	1.7838	2.9277	
14	1.6398	1.6762	1.6660	1.5753	1.0577	0.6012		
	1.2242	1.2020	1.2313	1.3141	1.7427	2.9244		
15	0.9064	0.9245	0.8884	0.8006	F-SUB-Q			
	1.9225	1.9741	2.0079	2.2820	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1499	1.2599	1.5790	1.3560	1.6392	1.4660	1.6484	0.9094
	1.7882	1.6279	1.3346	1.4620	1.2579	1.3180	1.2333	1.9424
9	1.2599	1.6110	1.4124	1.6938	1.5316	1.4926	1.6865	0.9290
	1.6279	1.3211	1.4242	1.2277	1.2880	1.3076	1.2093	1.9902
10	1.5790	1.4125	1.3659	1.4260	1.6795	1.5094	1.6772	0.8939
	1.3346	1.4242	1.4882	1.4113	1.2580	1.3268	1.2365	2.0209
11	1.3560	1.6939	1.4262	1.6340	1.4455	1.7030	1.5861	0.8055
	1.4620	1.2276	1.4111	1.2915	1.3897	1.2319	1.3209	2.2923
12	1.6392	1.5316	1.6796	1.4455	1.3314	1.5585	1.0661	
	1.2579	1.2880	1.2580	1.3897	1.5059	1.3315	1.7565	
13	1.4660	1.4932	1.5095	1.7031	1.5585	0.9939	0.6013	
	1.3180	1.3072	1.3267	1.2318	1.3315	1.8129	2.9860	
14	1.6484	1.6867	1.6773	1.5861	1.0663	0.6012		
	1.2333	1.2092	1.2364	1.3208	1.7563	2.9826		
15	0.9094	0.9292	0.8939	0.8055	F-SUB-Q			
	1.9424	1.9899	2.0205	2.2921	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1421	1.2540	1.5836	1.3531	1.6465	1.4649	1.6592	0.9024
	1.8211	1.6484	1.3505	1.4901	1.2731	1.3401	1.2444	1.9895
9	1.2540	1.6166	1.4090	1.7066	1.5328	1.4934	1.6989	0.9233
	1.6484	1.3276	1.4488	1.2382	1.3086	1.3270	1.2186	2.0337
10	1.5836	1.4091	1.3620	1.4252	1.6945	1.5134	1.6907	0.8865
	1.3505	1.4487	1.5083	1.4318	1.2578	1.3330	1.2422	2.0674
11	1.3531	1.7066	1.4254	1.6489	1.4469	1.7171	1.5980	0.7973
	1.4901	1.2382	1.4317	1.2935	1.4043	1.2349	1.3221	2.3387
12	1.6465	1.5328	1.6946	1.4469	1.3302	1.5678	1.0580	
	1.2731	1.3086	1.2577	1.4043	1.5319	1.3444	1.7950	
13	1.4649	1.4940	1.5136	1.7172	1.5678	0.9830	0.5921	
	1.3401	1.3265	1.3329	1.2349	1.3444	1.8629	3.0820	
14	1.6592	1.6991	1.6908	1.5981	1.0582	0.5920		
	1.2444	1.2184	1.2421	1.3221	1.7948	3.0784		
15	0.9024	0.9236	0.8865	0.7973	F-SUB-Q			
	1.9895	2.0334	2.0670	2.3385	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1304	1.2437	1.5773	1.3436	1.6408	1.4555	1.6560	0.8948
	1.8685	1.6902	1.3769	1.5306	1.3032	1.3750	1.2708	2.0460
9	1.2437	1.6107	1.3987	1.7049	1.5254	1.4856	1.6967	0.9168
	1.6902	1.3549	1.4825	1.2634	1.3409	1.3591	1.2428	2.0870
10	1.5773	1.3988	1.3515	1.4168	1.6941	1.5079	1.6894	0.8794
	1.3769	1.4824	1.5413	1.4600	1.2782	1.3581	1.2621	2.1202
11	1.3436	1.7049	1.4170	1.6490	1.4400	1.7162	1.5962	0.7901
	1.5306	1.2634	1.4599	1.3121	1.4307	1.2524	1.3421	2.3860
12	1.6408	1.5254	1.6941	1.4400	1.3217	1.5643	1.0507	
	1.3032	1.3408	1.2782	1.4307	1.5609	1.3646	1.8296	
13	1.4555	1.4862	1.5080	1.7163	1.5644	0.9737	0.5844	
	1.3750	1.3586	1.3580	1.2524	1.3646	1.9082	3.1614	
14	1.6560	1.6968	1.6895	1.5963	1.0509	0.5843		
	1.2708	1.2426	1.2621	1.3421	1.8294	3.1576		
15	0.8948	0.9171	0.8795	0.7901	F-SUB-Q			
	2.0460	2.0867	2.1197	2.3858	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1226	1.2363	1.5760	1.3367	1.6398	1.4492	1.6570	0.8862
	1.9328	1.7353	1.4066	1.5761	1.3358	1.4136	1.2999	2.1149
9	1.2363	1.6105	1.3919	1.7077	1.5205	1.4808	1.6986	0.9095
	1.7353	1.3803	1.5204	1.2900	1.3742	1.3949	1.2695	2.1523
10	1.5760	1.3920	1.3446	1.4113	1.6971	1.5047	1.6921	0.8695
	1.4066	1.5203	1.5784	1.4940	1.2978	1.3836	1.2838	2.1898
11	1.3367	1.7078	1.4115	1.6535	1.4354	1.7193	1.5975	0.7815
	1.5761	1.2899	1.4939	1.3388	1.4682	1.2781	1.3668	2.4527
12	1.6398	1.5205	1.6971	1.4353	1.3160	1.5647	1.0402	
	1.3358	1.3742	1.2978	1.4682	1.6061	1.3949	1.8882	
13	1.4492	1.4814	1.5048	1.7193	1.5648	0.9630	0.5760	
	1.4136	1.3944	1.3835	1.2781	1.3948	1.9735	3.2756	
14	1.6570	1.6988	1.6921	1.5976	1.0404	0.5759		
	1.2999	1.2694	1.2838	1.3668	1.8880	3.2716		
15	0.8862	0.9097	0.8696	0.7815	F-SUB-Q			
	2.1149	2.1519	2.1893	2.4526	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1088	1.2209	1.5514	1.3202	1.6138	1.4293	1.6308	0.8853
	2.0057	1.8002	1.4683	1.6424	1.3969	1.4740	1.3582	2.1795
9	1.2209	1.5854	1.3718	1.6823	1.5019	1.4605	1.6723	0.9075
	1.8002	1.4379	1.5849	1.3445	1.4284	1.4537	1.3250	2.2168
10	1.5514	1.3719	1.3248	1.3933	1.6748	1.4856	1.6665	0.8714
	1.4683	1.5848	1.6435	1.5525	1.3470	1.4339	1.3357	2.2421
11	1.3202	1.6824	1.3935	1.6306	1.4160	1.6939	1.5736	0.7830
	1.6424	1.3444	1.5524	1.3875	1.5217	1.3253	1.4173	2.5062
12	1.6138	1.5019	1.6748	1.4159	1.2970	1.5405	1.0440	
	1.3969	1.4284	1.3470	1.5217	1.6762	1.4571	1.9262	
13	1.4293	1.4611	1.4857	1.6940	1.5405	0.9650	0.5775	
	1.4740	1.4532	1.4338	1.3252	1.4570	2.0299	3.3568	
14	1.6308	1.6724	1.6665	1.5736	1.0442	0.5774		
	1.3582	1.3249	1.3357	1.4173	1.9260	3.3523		
15	0.8853	0.9077	0.8715	0.7829	F-SUB-Q			
	2.1795	2.2165	2.2417	2.5061	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from approximately 0.7715 to 2.3418. Includes labels F-SUB-Q and M-SUB-Q at the bottom of the table.

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from approximately 0.7692 to 2.4326. Includes labels F-SUB-Q and M-SUB-Q at the bottom of the table.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.1000	* 1.2134	* 1.5558	* 1.3124	* 1.6167	* 1.4214	* 1.6370	* 0.8755 *
	* 2.0671	* 1.8545	* 1.5084	* 1.7087	* 1.4527	* 1.5643	* 1.4364	* 2.3357 *
9	* 1.2134	* 1.5931	* 1.3642	* 1.6942	* 1.4990	* 1.4553	* 1.6808	* 0.9003 *
	* 1.8545	* 1.4747	* 1.6404	* 1.3909	* 1.4902	* 1.5398	* 1.4010	* 2.3702 *
10	* 1.5558	* 1.3644	* 1.3148	* 1.3874	* 1.6873	* 1.4851	* 1.6769	* 0.8625 *
	* 1.5084	* 1.6403	* 1.7113	* 1.6196	* 1.4025	* 1.5171	* 1.4093	* 2.4002 *
11	* 1.3124	* 1.6942	* 1.3875	* 1.6438	* 1.4115	* 1.7057	* 1.5820	* 0.7737 *
	* 1.7087	* 1.3909	* 1.6194	* 1.4416	* 1.6030	* 1.3936	* 1.4994	* 2.6857 *
12	* 1.6167	* 1.4990	* 1.6873	* 1.4115	* 1.2892	* 1.5462	* 1.0372	* 0.8625 *
	* 1.4527	* 1.4901	* 1.4025	* 1.6030	* 1.7764	* 1.5422	* 2.0543	* 0.9005 *
13	* 1.4214	* 1.4559	* 1.4852	* 1.7057	* 1.5462	* 0.9542	* 0.5654	* 0.8625 *
	* 1.5643	* 1.5393	* 1.5170	* 1.3936	* 1.5422	* 2.1742	* 3.6305	* 0.7737 *
14	* 1.6370	* 1.6809	* 1.6769	* 1.5820	* 1.0373	* 0.5655		
	* 1.4364	* 1.4009	* 1.4092	* 1.4994	* 2.0540	* 3.6253		
15	* 0.8755	* 0.9005	* 0.8625	* 0.7737	* F-SUB-Q			
	* 2.3357	* 2.3699	* 2.3998	* 2.6857	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 1.1020	* 1.2215	* 1.5789	* 1.3212	* 1.6403	* 1.4330	* 1.6637	* 0.8694 *
	* 2.0247	* 1.8068	* 1.4576	* 1.6644	* 1.4037	* 1.5207	* 1.3849	* 2.3029 *
9	* 1.2215	* 1.6190	* 1.3761	* 1.7236	* 1.5129	* 1.4694	* 1.7093	* 0.8977 *
	* 1.8068	* 1.4231	* 1.5949	* 1.3402	* 1.4472	* 1.4944	* 1.3497	* 2.3291 *
10	* 1.5789	* 1.3762	* 1.3249	* 1.3981	* 1.7150	* 1.5012	* 1.7060	* 0.8560 *
	* 1.4576	* 1.5948	* 1.6647	* 1.5747	* 1.3515	* 1.4689	* 1.3562	* 2.3686 *
11	* 1.3212	* 1.7236	* 1.3983	* 1.6718	* 1.4253	* 1.7352	* 1.6084	* 0.7668 *
	* 1.6644	* 1.3401	* 1.5746	* 1.3880	* 1.5538	* 1.3404	* 1.4426	* 2.6521 *
12	* 1.6403	* 1.5129	* 1.7151	* 1.4252	* 1.3002	* 1.5716	* 1.0297	* 0.8560 *
	* 1.4037	* 1.4472	* 1.3515	* 1.5538	* 1.7230	* 1.4836	* 2.0228	* 0.7668 *
13	* 1.4330	* 1.4700	* 1.5013	* 1.7352	* 1.5716	* 0.9456	* 0.5569	* 0.8560 *
	* 1.5207	* 1.4939	* 1.4688	* 1.3404	* 1.4835	* 2.1436	* 3.6001	* 0.7668 *
14	* 1.6637	* 1.7094	* 1.7061	* 1.6084	* 1.0298	* 0.5569		
	* 1.3849	* 1.3496	* 1.3562	* 1.4426	* 2.0226	* 3.5955		
15	* 0.8694	* 0.8980	* 0.8560	* 0.7668	* F-SUB-Q			
	* 2.3029	* 2.3287	* 2.3682	* 2.6521	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1064	1.2281	1.5932	1.3283	1.6544	1.4407	1.6792	0.8705
	1.9474	1.7363	1.3993	1.6035	1.3505	1.4679	1.3330	2.2231
9	1.2281	1.6348	1.3840	1.7413	1.5229	1.4784	1.7260	0.9001
	1.7363	1.3648	1.5347	1.2884	1.3954	1.4418	1.2991	2.2464
10	1.5932	1.3842	1.3310	1.4064	1.7324	1.5123	1.7233	0.8548
	1.3993	1.5346	1.6037	1.5181	1.3005	1.4168	1.3051	2.2936
11	1.3283	1.7414	1.4066	1.6897	1.4346	1.7531	1.6246	0.7672
	1.6035	1.2884	1.5179	1.3342	1.4987	1.2904	1.3875	2.5605
12	1.6544	1.5228	1.7324	1.4346	1.3071	1.5866	1.0323	
	1.3505	1.3954	1.3005	1.4987	1.6640	1.4277	1.9541	
13	1.4407	1.4791	1.5124	1.7531	1.5866	0.9461	0.5553	
	1.4679	1.4412	1.4168	1.2904	1.4277	2.0738	3.4771	
14	1.6792	1.7261	1.7233	1.6246	1.0324	0.5552		
	1.3330	1.2990	1.3051	1.3875	1.9539	3.4726		
15	0.8705	0.9004	0.8548	0.7672	F-SUB-Q			
	2.2231	2.2460	2.2932	2.5605	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1113	1.2351	1.6047	1.3355	1.6655	1.4481	1.6907	0.8756
	1.8783	1.6723	1.3453	1.5444	1.2986	1.4132	1.2807	2.1390
9	1.2352	1.6476	1.3913	1.7549	1.5324	1.4866	1.7383	0.9061
	1.6723	1.3113	1.4787	1.2375	1.3422	1.3874	1.2476	2.1591
10	1.6047	1.3914	1.3371	1.4140	1.7468	1.5218	1.7361	0.8629
	1.3453	1.4786	1.5458	1.4616	1.2478	1.3610	1.2524	2.1978
11	1.3355	1.7549	1.4142	1.7029	1.4424	1.7665	1.6366	0.7726
	1.5444	1.2374	1.4614	1.2807	1.4414	1.2376	1.3307	2.4583
12	1.6655	1.5324	1.7468	1.4423	1.3133	1.5977	1.0412	
	1.2986	1.3422	1.2478	1.4414	1.6011	1.3693	1.8716	
13	1.4481	1.4872	1.5219	1.7665	1.5977	0.9534	0.5581	
	1.4132	1.3869	1.3610	1.2376	1.3692	1.9876	3.3415	
14	1.6907	1.7384	1.7362	1.6366	1.0414	0.5581		
	1.2807	1.2475	1.2524	1.3307	1.8714	3.3370		
15	0.8756	0.9064	0.8629	0.7726	F-SUB-Q			
	2.1390	2.1588	2.1974	2.4583	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.1229	* 1.2434	* 1.6100	* 1.3425	* 1.6699	* 1.4535	* 1.6943	* 0.8880
	* 1.9523	* 1.7479	* 1.4090	* 1.6145	* 1.3603	* 1.4782	* 1.3412	* 2.2168
9	* 1.2434	* 1.6528	* 1.3964	* 1.7597	* 1.5398	* 1.4919	* 1.7422	* 0.9169
	* 1.7479	* 1.3732	* 1.5485	* 1.2960	* 1.4029	* 1.4512	* 1.3062	* 2.2400
10	* 1.6100	* 1.3965	* 1.3409	* 1.4205	* 1.7531	* 1.5286	* 1.7406	* 0.8758
	* 1.4090	* 1.5484	* 1.6197	* 1.5283	* 1.3046	* 1.4208	* 1.3101	* 2.2728
11	* 1.3425	* 1.7598	* 1.4207	* 1.7081	* 1.4476	* 1.7718	* 1.6414	* 0.7847
	* 1.6145	* 1.2960	* 1.5282	* 1.3395	* 1.5062	* 1.2933	* 1.3904	* 2.5390
12	* 1.6699	* 1.5398	* 1.7531	* 1.4475	* 1.3172	* 1.6012	* 1.0595	
	* 1.3603	* 1.4029	* 1.3046	* 1.5063	* 1.6730	* 1.4305	* 1.9274	
13	* 1.4535	* 1.4926	* 1.5287	* 1.7718	* 1.6013	* 0.9690	* 0.5668	
	* 1.4782	* 1.4507	* 1.4208	* 1.2933	* 1.4304	* 2.0480	* 3.4479	
14	* 1.6943	* 1.7423	* 1.7406	* 1.6414	* 1.0596	* 0.5669		
	* 1.3412	* 1.3061	* 1.3101	* 1.3905	* 1.9272	* 3.4427		
15	* 0.8880	* 0.9171	* 0.8758	* 0.7846	* F-SUB-Q			
	* 2.2168	* 2.2396	* 2.2724	* 2.5390	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 1.1330	* 1.2620	* 1.6508	* 1.3640	* 1.7121	* 1.4798	* 1.7394	* 0.8883
	* 1.8803	* 1.6742	* 1.3379	* 1.5480	* 1.2925	* 1.4156	* 1.2738	* 2.1610
9	* 1.2620	* 1.6968	* 1.4222	* 1.8076	* 1.5689	* 1.5213	* 1.7898	* 0.9213
	* 1.6742	* 1.3017	* 1.4805	* 1.2285	* 1.3410	* 1.3874	* 1.2397	* 2.1759
10	* 1.6508	* 1.4224	* 1.3637	* 1.4449	* 1.7985	* 1.5601	* 1.7883	* 0.8733
	* 1.3379	* 1.4804	* 1.5511	* 1.4630	* 1.2381	* 1.3560	* 1.2427	* 2.2239
11	* 1.3640	* 1.8077	* 1.4451	* 1.7525	* 1.4754	* 1.8202	* 1.6857	* 0.7830
	* 1.5480	* 1.2285	* 1.4629	* 1.2703	* 1.4387	* 1.2254	* 1.3187	* 2.4812
12	* 1.7121	* 1.5688	* 1.7985	* 1.4753	* 1.3409	* 1.6441	* 1.0593	
	* 1.2925	* 1.3410	* 1.2381	* 1.4388	* 1.5965	* 1.3554	* 1.8773	
13	* 1.4798	* 1.5220	* 1.5602	* 1.8202	* 1.6442	* 0.9672	* 0.5625	
	* 1.4156	* 1.3869	* 1.3560	* 1.2255	* 1.3553	* 1.9952	* 3.3819	
14	* 1.7394	* 1.7899	* 1.7883	* 1.6857	* 1.0595	* 0.5625		
	* 1.2738	* 1.2396	* 1.2427	* 1.3188	* 1.8771	* 3.3775		
15	* 0.8883	* 0.9216	* 0.8733	* 0.7829	* F-SUB-Q			
	* 2.1610	* 2.1755	* 2.2235	* 2.4812	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1435	1.2750	1.6711	1.3773	1.7328	1.4957	1.7613	0.8953
	1.8000	1.6049	1.2800	1.4852	1.2366	1.3562	1.2177	2.0776
9	1.2750	1.7186	1.4368	1.8299	1.5862	1.5385	1.8128	0.9293
	1.6049	1.2441	1.4197	1.1750	1.2843	1.3282	1.1847	2.0898
10	1.6711	1.4370	1.3763	1.4592	1.8204	1.5786	1.8118	0.8803
	1.2800	1.4196	1.4889	1.4028	1.1834	1.2960	1.1865	2.1371
11	1.3773	1.8300	1.4594	1.7720	1.4906	1.8438	1.7078	0.7891
	1.4852	1.1750	1.4027	1.2150	1.3768	1.1691	1.2582	2.3847
12	1.7328	1.5862	1.8204	1.4904	1.3539	1.6648	1.0698	
	1.2366	1.2843	1.1834	1.3769	1.5249	1.2916	1.7967	
13	1.4957	1.5392	1.5787	1.8437	1.6648	0.9759	0.5658	
	1.3562	1.3277	1.2960	1.1691	1.2916	1.9093	3.2573	
14	1.7613	1.8129	1.8118	1.7077	1.0700	0.5658		
	1.2177	1.1846	1.1865	1.2582	1.7964	3.2530		
15	0.8953	0.9296	0.8803	0.7890	F-SUB-Q			
	2.0776	2.0894	2.1367	2.3847	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1516	1.2772	1.6579	1.3743	1.7183	1.4925	1.7459	0.9052
	1.7422	1.5620	1.2558	1.4494	1.2138	1.3226	1.1950	2.0025
9	1.2772	1.7047	1.4318	1.8114	1.5824	1.5344	1.7965	0.9368
	1.5620	1.2204	1.3874	1.1549	1.2530	1.2960	1.1626	2.0184
10	1.6579	1.4320	1.3707	1.4547	1.8038	1.5741	1.7960	0.8930
	1.2558	1.3873	1.4556	1.3695	1.1612	1.2633	1.1636	2.0506
11	1.3743	1.8114	1.4549	1.7521	1.4839	1.8274	1.6936	0.8002
	1.4494	1.1548	1.3694	1.1948	1.3445	1.1457	1.2324	2.2879
12	1.7183	1.5823	1.8038	1.4838	1.3482	1.6499	1.0867	
	1.2138	1.2530	1.1612	1.3445	1.4876	1.2649	1.7188	
13	1.4925	1.5351	1.5742	1.8274	1.6500	0.9920	0.5760	
	1.3226	1.2955	1.2633	1.1457	1.2648	1.8244	3.1114	
14	1.7459	1.7966	1.7960	1.6936	1.0869	0.5761		
	1.1950	1.1625	1.1636	1.2324	1.7186	3.1070		
15	0.9052	0.9371	0.8930	0.8002	F-SUB-Q			
	2.0025	2.0180	2.0503	2.2880	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1381	1.2670	1.6531	1.3639	1.7124	1.4889	1.7427	0.8856
	1.7221	1.5382	1.2317	1.4286	1.1909	1.2963	1.1700	2.0006
9	1.2670	1.7015	1.4273	1.8040	1.5761	1.5330	1.7930	0.9202
	1.5382	1.1954	1.3615	1.1336	1.2300	1.2681	1.1382	2.0095
10	1.6531	1.4274	1.3665	1.4472	1.7917	1.5706	1.7925	0.8725
	1.2317	1.3614	1.4283	1.3460	1.1422	1.2367	1.1388	2.0520
11	1.3639	1.8041	1.4474	1.7375	1.4776	1.8223	1.6888	0.7813
	1.4286	1.1336	1.3459	1.1772	1.3188	1.1218	1.2067	2.2909
12	1.7124	1.5760	1.7917	1.4775	1.3435	1.6463	1.0631	
	1.1909	1.2300	1.1422	1.3189	1.4583	1.2373	1.7157	
13	1.4889	1.5338	1.5707	1.8223	1.6464	0.9723	0.5610	
	1.2963	1.2676	1.2367	1.1218	1.2373	1.8172	3.1222	
14	1.7427	1.7931	1.7925	1.6888	1.0633	0.5610		
	1.1700	1.1382	1.1388	1.2067	1.7155	3.1181		
15	0.8856	0.9205	0.8725	0.7813	F-SUB-Q			
	2.0006	2.0091	2.0517	2.2909	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.0841	1.2029	1.5495	1.2904	1.6023	1.4141	1.6311	0.8372
	1.7770	1.5916	1.2900	1.4828	1.2496	1.3401	1.2266	2.0790
9	1.2029	1.5939	1.3543	1.6834	1.4925	1.4571	1.6769	0.8686
	1.5916	1.2528	1.4095	1.1921	1.2752	1.3100	1.1940	2.0911
10	1.5495	1.3545	1.2997	1.3732	1.6712	1.4879	1.6767	0.8215
	1.2900	1.4094	1.4752	1.3927	1.2014	1.2809	1.1941	2.1405
11	1.2904	1.6834	1.3734	1.6175	1.3990	1.7035	1.5771	0.7373
	1.4828	1.1920	1.3926	1.2404	1.3668	1.1768	1.2671	2.3842
12	1.6023	1.4925	1.6712	1.3989	1.2755	1.5400	1.0051	
	1.2496	1.2752	1.2014	1.3669	1.5076	1.2969	1.7807	
13	1.4141	1.4578	1.4879	1.7035	1.5401	0.9217	0.5312	
	1.3401	1.3095	1.2809	1.1768	1.2968	1.8815	3.2396	
14	1.6311	1.6770	1.6768	1.5771	1.0053	0.5312		
	1.2266	1.1939	1.1941	1.2671	1.7805	3.2355		
15	0.8372	0.8689	0.8215	0.7373	F-SUB-Q			
	2.0790	2.0907	2.1402	2.3842	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.9177	* 1.0153	* 1.2774	* 1.0846	* 1.3176	* 1.1903	* 1.3421	* 0.7036
	* 2.0705	* 1.8590	* 1.5413	* 1.7390	* 1.4969	* 1.5687	* 1.4670	* 2.4395
9	* 1.0153	* 1.3243	* 1.1261	* 1.4079	* 1.2569	* 1.2279	* 1.3840	* 0.7291
	* 1.8590	* 1.4849	* 1.6697	* 1.4024	* 1.4915	* 1.5313	* 1.4232	* 2.4559
10	* 1.2774	* 1.1262	* 1.0794	* 1.1623	* 1.3996	* 1.2463	* 1.3814	* 0.6856
	* 1.5413	* 1.6696	* 1.7496	* 1.6210	* 1.4114	* 1.5060	* 1.4258	* 2.5276
11	* 1.0846	* 1.4080	* 1.1624	* 1.3608	* 1.1561	* 1.4029	* 1.2939	* 0.6140
	* 1.7390	* 1.4024	* 1.6209	* 1.4506	* 1.6287	* 1.4054	* 1.5201	* 2.8230
12	* 1.3176	* 1.2569	* 1.3996	* 1.1560	* 1.0593	* 1.2692	* 0.8401	
	* 1.4968	* 1.4915	* 1.4114	* 1.6288	* 1.7876	* 1.5487	* 2.0986	
13	* 1.1903	* 1.2284	* 1.2463	* 1.4029	* 1.2692	* 0.7700	* 0.4463	
	* 1.5687	* 1.5308	* 1.5060	* 1.4055	* 1.5486	* 2.2191	* 3.8056	
14	* 1.3421	* 1.3841	* 1.3815	* 1.2939	* 0.8402	* 0.4462		
	* 1.4670	* 1.4231	* 1.4258	* 1.5201	* 2.0983	* 3.8013		
15	* 0.7036	* 0.7293	* 0.6856	* 0.6140	* F-SUB-Q			
	* 2.4395	* 2.4555	* 2.5273	* 2.8229	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 0.4528	* 0.4956	* 0.5999	* 0.5308	* 0.6188	* 0.5281	* 0.5754	* 0.3195
	* 4.1537	* 3.7670	* 3.2447	* 3.5130	* 3.1496	* 3.4931	* 3.3825	* 5.3216
9	* 0.4956	* 0.5788	* 0.5147	* 0.6233	* 0.5611	* 0.5411	* 0.5765	* 0.3280
	* 3.7670	* 3.3587	* 3.6109	* 3.1292	* 3.2989	* 3.4326	* 3.3767	* 5.4065
10	* 0.5999	* 0.5147	* 0.4958	* 0.5420	* 0.6255	* 0.5482	* 0.5734	* 0.3119
	* 3.2447	* 3.6107	* 3.7655	* 3.4349	* 3.1188	* 3.3830	* 3.3946	* 5.5050
11	* 0.5308	* 0.6233	* 0.5421	* 0.6092	* 0.5264	* 0.6069	* 0.5463	* 0.2771
	* 3.5130	* 3.1291	* 3.4347	* 3.2012	* 3.5352	* 3.2097	* 3.5602	* 6.2007
12	* 0.6188	* 0.5611	* 0.6255	* 0.5264	* 0.4824	* 0.5411	* 0.3771	
	* 3.1496	* 3.2988	* 3.1188	* 3.5353	* 3.8810	* 3.5922	* 4.6287	
13	* 0.5281	* 0.5412	* 0.5482	* 0.6069	* 0.5411	* 0.3516	* 0.2075	
	* 3.4931	* 3.4319	* 3.3828	* 3.2097	* 3.5920	* 4.8132	* 8.1202	
14	* 0.5754	* 0.5765	* 0.5734	* 0.5463	* 0.3772	* 0.2076		
	* 3.3825	* 3.3765	* 3.3945	* 3.5601	* 4.6281	* 8.1067		
15	* 0.3195	* 0.3281	* 0.3119	* 0.2771	* F-SUB-Q			
	* 5.3216	* 5.4059	* 5.5040	* 6.2005	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.5151	* 0.5989	* 0.7041	* 0.6402	* 0.7218	* 0.6376	* 0.6650	* 0.4034
	* 2.9862	* 3.1066	* 2.8092	* 2.8333	* 2.6869	* 2.7893	* 2.8886	* 3.9310
9	* 0.5989	* 0.6781	* 0.6249	* 0.7172	* 0.6622	* 0.6469	* 0.6626	* 0.4077
	* 3.1066	* 2.9603	* 2.9432	* 2.7262	* 2.7253	* 2.7775	* 2.9112	* 4.1941
10	* 0.7041	* 0.6250	* 0.6154	* 0.6506	* 0.7178	* 0.6421	* 0.6558	* 0.3923
	* 2.8092	* 2.9432	* 3.0260	* 2.8372	* 2.7703	* 2.8630	* 2.9986	* 4.1589
11	* 0.6402	* 0.7172	* 0.6506	* 0.6995	* 0.6198	* 0.6828	* 0.6238	* 0.3514
	* 2.8333	* 2.7261	* 2.8370	* 2.8415	* 2.9477	* 2.8876	* 3.1973	* 4.8382
12	* 0.7218	* 0.6622	* 0.7178	* 0.6199	* 0.5270	* 0.5999	* 0.4489	
	* 2.6869	* 2.7251	* 2.7702	* 2.9475	* 2.9978	* 3.0558	* 3.7767	
13	* 0.6376	* 0.6471	* 0.6421	* 0.6828	* 0.6000	* 0.4128	* 0.2802	
	* 2.7893	* 2.7771	* 2.8628	* 2.8875	* 3.0555	* 3.5825	* 5.6953	
14	* 0.6650	* 0.6626	* 0.6558	* 0.6238	* 0.4490	* 0.2803		
	* 2.8886	* 2.9110	* 2.9983	* 3.1971	* 3.7765	* 5.6854		
15	* 0.4034	* 0.4078	* 0.3923	* 0.3514	* F-SUB-Q			
	* 3.9310	* 4.1945	* 4.1580	* 4.8377	* M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9564	* 1.0477	* 1.2356	* 1.1100	* 1.2672	* 1.1968	* 1.2747	* 0.7701
	* 1.8851	* 1.8132	* 1.6372	* 1.6733	* 1.5656	* 1.5222	* 1.5422	* 2.1101
9	* 1.0477	* 1.2709	* 1.1493	* 1.3293	* 1.2420	* 1.2148	* 1.3040	* 0.7816
	* 1.8132	* 1.6005	* 1.6381	* 1.5058	* 1.4861	* 1.5118	* 1.5140	* 2.2462
10	* 1.2356	* 1.1494	* 1.1252	* 1.1752	* 1.3204	* 1.2181	* 1.2951	* 0.7449
	* 1.6372	* 1.6381	* 1.6945	* 1.6074	* 1.5430	* 1.5437	* 1.5524	* 2.2429
11	* 1.1100	* 1.3294	* 1.1753	* 1.2911	* 1.1532	* 1.3061	* 1.2193	* 0.6773
	* 1.6733	* 1.5057	* 1.6073	* 1.5614	* 1.6170	* 1.5358	* 1.6549	* 2.5687
12	* 1.2672	* 1.2420	* 1.3205	* 1.1532	* 1.0475	* 1.1982	* 0.8678	
	* 1.5656	* 1.4860	* 1.5429	* 1.6169	* 1.6793	* 1.6070	* 1.9913	
13	* 1.1968	* 1.2153	* 1.2182	* 1.3062	* 1.1983	* 0.8122	* 0.5351	
	* 1.5222	* 1.5113	* 1.5435	* 1.5357	* 1.6069	* 1.9395	* 3.0530	
14	* 1.2747	* 1.3041	* 1.2951	* 1.2193	* 0.8680	* 0.5351		
	* 1.5422	* 1.5138	* 1.5523	* 1.6548	* 1.9913	* 3.0487		
15	* 0.7701	* 0.7818	* 0.7449	* 0.6773	* F-SUB-Q			
	* 2.1101	* 2.2464	* 2.2424	* 2.5685	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1078	1.1861	1.4234	1.2603	1.4696	1.3562	1.4782	0.8886
	1.7371	1.6295	1.4400	1.4918	1.3659	1.3550	1.3448	1.8507
9	1.1861	1.4604	1.3157	1.5204	1.4099	1.3764	1.5116	0.9044
	1.6295	1.4110	1.4496	1.3330	1.3255	1.3493	1.3203	1.9648
10	1.4234	1.3158	1.2886	1.3301	1.5057	1.3856	1.5016	0.8731
	1.4400	1.4495	1.4992	1.4381	1.3697	1.3716	1.3538	1.9371
11	1.2603	1.5205	1.3302	1.4746	1.3378	1.5230	1.4199	0.7926
	1.4918	1.3330	1.4380	1.3853	1.4146	1.3359	1.4363	2.2221
12	1.4696	1.4099	1.5058	1.3378	1.2508	1.4072	1.0192	
	1.3659	1.3255	1.3696	1.4146	1.4970	1.4123	1.7234	
13	1.3562	1.3769	1.3858	1.5231	1.4073	0.9667	0.6243	
	1.3550	1.3489	1.3715	1.3359	1.4123	1.6978	2.6712	
14	1.4782	1.5118	1.5017	1.4200	1.0194	0.6242		
	1.3448	1.3202	1.3538	1.4362	1.7234	2.6675		
15	0.8886	0.9046	0.8731	0.7926	F-SUB-Q			
	1.8507	1.9649	1.9366	2.2219	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1601	1.2460	1.5251	1.3292	1.5778	1.4315	1.5963	0.9251
	1.6937	1.5739	1.3584	1.4292	1.2846	1.2946	1.2558	1.7939
9	1.2460	1.5675	1.3858	1.6404	1.4906	1.4549	1.6350	0.9459
	1.5739	1.3324	1.3907	1.2475	1.2664	1.2874	1.2308	1.8953
10	1.5251	1.3858	1.3534	1.4013	1.6298	1.4711	1.6260	0.9086
	1.3584	1.3907	1.4424	1.3791	1.2798	1.3064	1.2608	1.8783
11	1.3292	1.6405	1.4015	1.6004	1.4200	1.6509	1.5374	0.8225
	1.4292	1.2475	1.3790	1.2932	1.3513	1.2478	1.3412	2.1608
12	1.5778	1.4906	1.6298	1.4200	1.3257	1.5263	1.0625	
	1.2846	1.2664	1.2798	1.3513	1.4405	1.3261	1.6771	
13	1.4315	1.4555	1.4713	1.6509	1.5263	1.0043	0.6416	
	1.2946	1.2869	1.3063	1.2478	1.3260	1.6692	2.6455	
14	1.5963	1.6351	1.6260	1.5375	1.0626	0.6415		
	1.2558	1.2307	1.2607	1.3411	1.6771	2.6421		
15	0.9251	0.9461	0.9087	0.8225	F-SUB-Q			
	1.7939	1.8954	1.8779	2.1607	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1569	1.2458	1.5377	1.3328	1.5921	1.4354	1.6158	0.9295
	1.7276	1.5977	1.3615	1.4405	1.2859	1.3028	1.2514	1.8030
9	1.2458	1.5808	1.3870	1.6613	1.4963	1.4607	1.6568	0.9512
	1.5977	1.3394	1.4041	1.2443	1.2751	1.2938	1.2249	1.9023
10	1.5377	1.3871	1.3522	1.4053	1.6544	1.4817	1.6488	0.9147
	1.3615	1.4041	1.4584	1.3885	1.2729	1.3124	1.2534	1.8831
11	1.3328	1.6613	1.4054	1.6264	1.4281	1.6750	1.5601	0.8274
	1.4405	1.2443	1.3884	1.2896	1.3620	1.2459	1.3381	2.1668
12	1.5921	1.4963	1.6544	1.4281	1.3298	1.5465	1.0720	
	1.2859	1.2750	1.2729	1.3619	1.4596	1.3292	1.6865	
13	1.4354	1.4613	1.4818	1.6750	1.5466	1.0087	0.6405	
	1.3028	1.2934	1.3123	1.2459	1.3292	1.6911	2.6960	
14	1.6158	1.6569	1.6489	1.5601	1.0722	0.6404		
	1.2514	1.2248	1.2534	1.3380	1.6866	2.6925		
15	0.9295	0.9515	0.9147	0.8274	F-SUB-Q			
	1.8030	1.9024	1.8827	2.1666	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1380	1.2292	1.5214	1.3153	1.5755	1.4169	1.6017	0.9216
	1.7746	1.6338	1.3916	1.4774	1.3146	1.3339	1.2757	1.8390
9	1.2292	1.5645	1.3676	1.6478	1.4792	1.4432	1.6434	0.9439
	1.6338	1.3649	1.4400	1.2689	1.3062	1.3234	1.2474	1.9379
10	1.5214	1.3677	1.3325	1.3875	1.6442	1.4667	1.6364	0.9092
	1.3916	1.4400	1.4935	1.4201	1.2909	1.3357	1.2743	1.9140
11	1.3153	1.6479	1.3877	1.6172	1.4115	1.6626	1.5487	0.8218
	1.4774	1.2689	1.4200	1.3103	1.3926	1.2679	1.3598	2.2007
12	1.5755	1.4792	1.6442	1.4115	1.3125	1.5336	1.0673	
	1.3146	1.3062	1.2908	1.3926	1.4998	1.3606	1.7165	
13	1.4169	1.4438	1.4668	1.6626	1.5336	1.0020	0.6333	
	1.3339	1.3230	1.3356	1.2679	1.3606	1.7330	2.7745	
14	1.6017	1.6435	1.6364	1.5488	1.0674	0.6332		
	1.2757	1.2473	1.2742	1.3598	1.7166	2.7708		
15	0.9216	0.9441	0.9092	0.8218	F-SUB-Q			
	1.8390	1.9381	1.9136	2.2006	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1241	1.2154	1.5135	1.3018	1.5673	1.4038	1.5969	0.9065
	1.8118	1.6603	1.4149	1.5140	1.3401	1.3644	1.2963	1.8952
9	1.2154	1.5583	1.3539	1.6438	1.4669	1.4315	1.6399	0.9300
	1.6603	1.3765	1.4717	1.2893	1.3357	1.3516	1.2658	1.9929
10	1.5135	1.3540	1.3184	1.3742	1.6407	1.4567	1.6335	0.8938
	1.4149	1.4716	1.5202	1.4475	1.3000	1.3503	1.2897	1.9704
11	1.3018	1.6438	1.3744	1.6163	1.3998	1.6591	1.5456	0.8071
	1.5140	1.2893	1.4474	1.3211	1.4161	1.2805	1.3698	2.2556
12	1.5673	1.4669	1.6407	1.3998	1.3004	1.5295	1.0505	
	1.3401	1.3357	1.3000	1.4161	1.5336	1.3813	1.7634	
13	1.4038	1.4320	1.4568	1.6591	1.5295	0.9835	0.6187	
	1.3644	1.3512	1.3502	1.2805	1.3813	1.7883	2.8767	
14	1.5969	1.6400	1.6336	1.5456	1.0506	0.6187		
	1.2963	1.2657	1.2897	1.3698	1.7634	2.8729		
15	0.9065	0.9302	0.8938	0.8071	F-SUB-Q			
	1.8952	1.9930	1.9700	2.2555	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1103	1.2020	1.5015	1.2872	1.5543	1.3888	1.5854	0.8949
	1.8563	1.7017	1.4425	1.5575	1.3749	1.4027	1.3274	1.9528
9	1.2020	1.5473	1.3391	1.6332	1.4528	1.4172	1.6290	0.9191
	1.7017	1.4050	1.5052	1.3181	1.3692	1.3875	1.2946	2.0495
10	1.5015	1.3392	1.3030	1.3599	1.6304	1.4437	1.6231	0.8827
	1.4425	1.5052	1.5568	1.4794	1.3249	1.3786	1.3129	2.0248
11	1.2872	1.6333	1.3600	1.6073	1.3861	1.6486	1.5358	0.7964
	1.5575	1.3181	1.4793	1.3434	1.4453	1.3019	1.3934	2.3056
12	1.5543	1.4527	1.6304	1.3860	1.2863	1.5188	1.0388	
	1.3749	1.3692	1.3248	1.4453	1.5646	1.4045	1.7986	
13	1.3888	1.4177	1.4438	1.6486	1.5188	0.9707	0.6083	
	1.4027	1.3871	1.3785	1.3019	1.4045	1.8325	2.9525	
14	1.5854	1.6291	1.6232	1.5358	1.0389	0.6082		
	1.3274	1.2945	1.3129	1.3934	1.7986	2.9485		
15	0.8949	0.9194	0.8827	0.7964	F-SUB-Q			
	1.9528	2.0496	2.0244	2.3055	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1023	1.1937	1.4975	1.2780	1.5491	1.3793	1.5816	0.8842
	1.9150	1.7463	1.4719	1.6019	1.4091	1.4421	1.3585	2.0183
9	1.1937	1.5449	1.3305	1.6310	1.4446	1.4089	1.6260	0.9096
	1.7463	1.4328	1.5415	1.3436	1.4017	1.4240	1.3231	2.1131
10	1.4975	1.3306	1.2938	1.3509	1.6279	1.4365	1.6205	0.8715
	1.4719	1.5415	1.5926	1.5130	1.3472	1.4058	1.3359	2.0890
11	1.2780	1.6310	1.3510	1.6062	1.3777	1.6459	1.5331	0.7848
	1.6019	1.3436	1.5129	1.3714	1.4828	1.3293	1.4194	2.3720
12	1.5491	1.4446	1.6279	1.3777	1.2778	1.5156	1.0271	
	1.4091	1.4017	1.3472	1.4829	1.6084	1.4350	1.8531	
13	1.3793	1.4095	1.4366	1.6459	1.5156	0.9582	0.5985	
	1.4421	1.4236	1.4058	1.3293	1.4350	1.8927	3.0553	
14	1.5816	1.6261	1.6205	1.5331	1.0272	0.5984		
	1.3585	1.3230	1.3359	1.4194	1.8531	3.0511		
15	0.8842	0.9098	0.8715	0.7847	F-SUB-Q			
	2.0183	2.1133	2.0886	2.3720	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0873	1.1830	1.4754	1.2626	1.5251	1.3609	1.5563	0.8844
	1.9856	1.8004	1.5308	1.6641	1.4690	1.4994	1.4159	2.0723
9	1.1830	1.5228	1.3123	1.6069	1.4268	1.3893	1.6002	0.9079
	1.8004	1.4851	1.6015	1.3971	1.4538	1.4800	1.3778	2.1703
10	1.4754	1.3124	1.2753	1.3346	1.6067	1.4178	1.5952	0.8735
	1.5308	1.6014	1.6532	1.5668	1.3943	1.4534	1.3874	2.1332
11	1.2626	1.6069	1.3348	1.5822	1.3589	1.6211	1.5094	0.7876
	1.6641	1.3971	1.5667	1.4203	1.5346	1.3765	1.4690	2.4134
12	1.5251	1.4268	1.6067	1.3588	1.2593	1.4916	1.0309	
	1.4690	1.4538	1.3944	1.5346	1.6759	1.4969	1.8872	
13	1.3609	1.3898	1.4179	1.6210	1.4916	0.9621	0.6013	
	1.4994	1.4796	1.4533	1.3765	1.4969	1.9377	3.1196	
14	1.5563	1.6003	1.5953	1.5094	1.0311	0.6013		
	1.4159	1.3777	1.3874	1.4690	1.8873	3.1151		
15	0.8844	0.9081	0.8735	0.7876	F-SUB-Q			
	2.0723	2.1705	2.1328	2.4134	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0904	1.1830	1.4899	1.2645	1.5391	1.3647	1.5727	0.8732
	2.0376	1.8555	1.5643	1.7143	1.5022	1.5416	1.4444	2.1609
9	1.1830	1.5404	1.3176	1.6257	1.4329	1.3955	1.6181	0.9004
	1.8555	1.5130	1.6453	1.4240	1.4924	1.5188	1.4038	2.2539
10	1.4899	1.3177	1.2795	1.3380	1.6233	1.4252	1.6135	0.8619
	1.5643	1.6452	1.6979	1.6102	1.4205	1.4863	1.4112	2.2234
11	1.2645	1.6257	1.3381	1.6022	1.3649	1.6392	1.5264	0.7758
	1.7143	1.4239	1.6101	1.4422	1.5695	1.3981	1.4914	2.5180
12	1.5391	1.4328	1.6233	1.3648	1.2642	1.5081	1.0182	
	1.5022	1.4924	1.4205	1.5695	1.7111	1.5161	1.9582	
13	1.3647	1.3960	1.4253	1.6392	1.5081	0.9479	0.5883	
	1.5416	1.5183	1.4863	1.3981	1.5161	2.0139	3.2579	
14	1.5727	1.6182	1.6135	1.5264	1.0184	0.5883		
	1.4444	1.4037	1.4112	1.4915	1.9582	3.2534		
15	0.8732	0.9006	0.8619	0.7758	F-SUB-Q			
	2.1609	2.2541	2.2231	2.5179	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0889	1.1823	1.4917	1.2627	1.5398	1.3621	1.5733	0.8713
	2.1159	1.9262	1.6206	1.7804	1.5574	1.6002	1.4955	2.2425
9	1.1823	1.5437	1.3161	1.6285	1.4320	1.3935	1.6193	0.8991
	1.9262	1.5660	1.7079	1.4728	1.5467	1.5750	1.4523	2.3361
10	1.4917	1.3162	1.2771	1.3363	1.6259	1.4243	1.6150	0.8604
	1.6206	1.7078	1.7631	1.6708	1.4687	1.5386	1.4571	2.3028
11	1.2627	1.6285	1.3365	1.6056	1.3633	1.6413	1.5280	0.7744
	1.7804	1.4728	1.6707	1.4898	1.6257	1.4442	1.5402	2.6047
12	1.5398	1.4319	1.6258	1.3632	1.2621	1.5094	1.0179	
	1.5574	1.5467	1.4687	1.6257	1.7715	1.5644	2.0233	
13	1.3621	1.3940	1.4244	1.6413	1.5095	0.9467	0.5858	
	1.6002	1.5745	1.5385	1.4442	1.5643	2.0809	3.3740	
14	1.5733	1.6193	1.6150	1.5280	1.0180	0.5858		
	1.4955	1.4522	1.4571	1.5403	2.0234	3.3693		
15	0.8713	0.8993	0.8604	0.7743	F-SUB-Q			
	2.2425	2.3363	2.3024	2.6046	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0836	1.1819	1.4823	1.2573	1.5286	1.3540	1.5612	0.8766
	2.0505	1.8583	1.5814	1.7369	1.5360	1.5979	1.5067	2.2188
9	1.1819	1.5347	1.3084	1.6181	1.4251	1.3853	1.6072	0.9022
	1.8583	1.5298	1.6641	1.4581	1.5269	1.5755	1.4664	2.3205
10	1.4823	1.3085	1.2688	1.3302	1.6179	1.4166	1.6034	0.8664
	1.5814	1.6640	1.7288	1.6469	1.4672	1.5512	1.4765	2.2830
11	1.2573	1.6181	1.3303	1.5952	1.3552	1.6302	1.5171	0.7802
	1.7369	1.4581	1.6468	1.4901	1.6304	1.4630	1.5668	2.5868
12	1.5286	1.4251	1.6179	1.3551	1.2538	1.4984	1.0266	
	1.5360	1.5269	1.4672	1.6305	1.7896	1.5967	2.0200	
13	1.3540	1.3859	1.4166	1.6302	1.4984	0.9549	0.5911	
	1.5979	1.5750	1.5512	1.4630	1.5967	2.0820	3.3626	
14	1.5612	1.6073	1.6034	1.5171	1.0267	0.5912		
	1.5067	1.4663	1.4765	1.5669	2.0200	3.3574		
15	0.8766	0.9024	0.8664	0.7801	F-SUB-Q			
	2.2188	2.3207	2.2826	2.5868	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0912	1.1865	1.5035	1.2653	1.5495	1.3638	1.5845	0.8696
	1.9667	1.7840	1.5046	1.6657	1.4620	1.5305	1.4319	2.1549
9	1.1865	1.5595	1.3199	1.6443	1.4377	1.3970	1.6323	0.8993
	1.7840	1.4530	1.5921	1.3844	1.4602	1.5065	1.3925	2.2454
10	1.5035	1.3200	1.2789	1.3397	1.6421	1.4305	1.6290	0.8593
	1.5046	1.5920	1.6547	1.5769	1.3928	1.4800	1.4007	2.2194
11	1.2653	1.6443	1.3399	1.6225	1.3675	1.6557	1.5415	0.7727
	1.6657	1.3844	1.5768	1.4122	1.5568	1.3881	1.4851	2.5165
12	1.5495	1.4376	1.6421	1.3675	1.2647	1.5220	1.0194	
	1.4620	1.4602	1.3928	1.5568	1.7094	1.5147	1.9584	
13	1.3638	1.3975	1.4305	1.6557	1.5220	0.9460	0.5819	
	1.5305	1.5060	1.4800	1.3881	1.5146	2.0235	3.2854	
14	1.5845	1.6324	1.6290	1.5415	1.0196	0.5819		
	1.4319	1.3925	1.4007	1.4851	1.9585	3.2806		
15	0.8696	0.8996	0.8592	0.7727	F-SUB-Q			
	2.1549	2.2455	2.2191	2.5165	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0972	1.1939	1.5173	1.2723	1.5625	1.3709	1.5981	0.8713
	1.8967	1.7188	1.4462	1.6065	1.4065	1.4766	1.3770	2.0843
9	1.1939	1.5754	1.3283	1.6607	1.4472	1.4055	1.6474	0.9021
	1.7188	1.3953	1.5344	1.3300	1.4073	1.4525	1.3385	2.1690
10	1.5173	1.3284	1.2858	1.3477	1.6590	1.4403	1.6443	0.8589
	1.4462	1.5343	1.5957	1.5202	1.3376	1.4249	1.3454	2.1509
11	1.2723	1.6607	1.3478	1.6397	1.3764	1.6715	1.5565	0.7729
	1.6065	1.3300	1.5201	1.3552	1.4991	1.3328	1.4251	2.4347
12	1.5625	1.4471	1.6589	1.3763	1.2721	1.5363	1.0217	
	1.4065	1.4073	1.3376	1.4992	1.6468	1.4534	1.8916	
13	1.3709	1.4060	1.4404	1.6714	1.5363	0.9473	0.5810	
	1.4766	1.4520	1.4248	1.3329	1.4534	1.9552	3.1795	
14	1.5981	1.6474	1.6443	1.5564	1.0219	0.5810		
	1.3770	1.3385	1.3454	1.4252	1.8916	3.1749		
15	0.8713	0.9023	0.8589	0.7729	F-SUB-Q			
	2.0843	2.1692	2.1505	2.4348	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1036	1.2020	1.5289	1.2802	1.5733	1.3783	1.6089	0.8773
	1.8345	1.6608	1.3955	1.5523	1.3573	1.4265	1.3278	2.0104
9	1.2020	1.5890	1.3362	1.6743	1.4569	1.4139	1.6591	0.9090
	1.6608	1.3452	1.4833	1.2817	1.3582	1.4023	1.2901	2.0902
10	1.5289	1.3363	1.2929	1.3560	1.6726	1.4493	1.6562	0.8676
	1.3955	1.4832	1.5426	1.4681	1.2884	1.3738	1.2959	2.0670
11	1.2802	1.6743	1.3562	1.6535	1.3845	1.6841	1.5677	0.7800
	1.5523	1.2817	1.4680	1.3047	1.4463	1.2829	1.3718	2.3411
12	1.5733	1.4568	1.6726	1.3844	1.2790	1.5474	1.0322	
	1.3573	1.3583	1.2884	1.4464	1.5890	1.3984	1.8150	
13	1.3783	1.4144	1.4493	1.6840	1.5474	0.9561	0.5849	
	1.4265	1.4019	1.3738	1.2830	1.3984	1.8776	3.0608	
14	1.6089	1.6591	1.6562	1.5676	1.0324	0.5849		
	1.3278	1.2901	1.2959	1.3719	1.8150	3.0562		
15	0.8773	0.9092	0.8675	0.7799	F-SUB-Q			
	2.0104	2.0903	2.0667	2.3411	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1129	1.2176	1.5369	1.2897	1.5805	1.3859	1.6147	0.8928
	1.9202	1.7347	1.4664	1.6275	1.4264	1.4965	1.3950	2.0859
9	1.2176	1.5975	1.3439	1.6826	1.4666	1.4222	1.6654	0.9220
	1.7347	1.4131	1.5581	1.3461	1.4241	1.4704	1.3551	2.1729
10	1.5369	1.3440	1.2996	1.3656	1.6827	1.4578	1.6625	0.8833
	1.4664	1.5581	1.6205	1.5391	1.3504	1.4389	1.3601	2.1406
11	1.2897	1.6826	1.3657	1.6616	1.3923	1.6918	1.5736	0.7944
	1.6275	1.3461	1.5390	1.3688	1.5153	1.3448	1.4388	2.4220
12	1.5805	1.4665	1.6826	1.3922	1.2855	1.5535	1.0523	
	1.4264	1.4241	1.3504	1.5153	1.6643	1.4650	1.8740	
13	1.3859	1.4228	1.4578	1.6918	1.5535	0.9750	0.5964	
	1.4965	1.4699	1.4389	1.3448	1.4650	1.9366	3.1588	
14	1.6147	1.6654	1.6625	1.5736	1.0525	0.5965		
	1.3950	1.3550	1.3602	1.4389	1.8740	3.1535		
15	0.8928	0.9223	0.8832	0.7944	F-SUB-Q			
	2.0859	2.1731	2.1403	2.4220	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1319	1.2343	1.5788	1.3135	1.6232	1.4136	1.6597	0.8950
	1.8490	1.6765	1.4010	1.5691	1.3639	1.4402	1.3316	2.0397
9	1.2343	1.6437	1.3725	1.7317	1.4980	1.4522	1.7133	0.9292
	1.6765	1.3474	1.4976	1.2837	1.3687	1.4132	1.2923	2.1155
10	1.5788	1.3726	1.3263	1.3922	1.7307	1.4906	1.7109	0.8836
	1.4010	1.4975	1.5588	1.4814	1.2887	1.3793	1.2958	2.0984
11	1.3135	1.7317	1.3923	1.7118	1.4225	1.7406	1.6199	0.7941
	1.5691	1.2837	1.4813	1.3032	1.4539	1.2805	1.3691	2.3743
12	1.6232	1.4979	1.7307	1.4224	1.3129	1.5985	1.0549	
	1.3639	1.3687	1.2887	1.4540	1.5920	1.3923	1.8300	
13	1.4136	1.4528	1.4906	1.7405	1.5986	0.9757	0.5936	
	1.4402	1.4127	1.3793	1.2806	1.3923	1.8912	3.1047	
14	1.6597	1.7133	1.7108	1.6198	1.0550	0.5936		
	1.3316	1.2922	1.2958	1.3692	1.8300	3.1000		
15	0.8950	0.9294	0.8836	0.7940	F-SUB-Q			
	2.0397	2.1156	2.0981	2.3744	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1500	1.2547	1.6078	1.3349	1.6528	1.4369	1.6902	0.9081
	1.7641	1.6028	1.3372	1.5012	1.3017	1.3782	1.2722	1.9591
9	1.2547	1.6752	1.3953	1.7650	1.5242	1.4770	1.7455	0.9438
	1.6028	1.2844	1.4322	1.2238	1.3070	1.3514	1.2341	2.0294
10	1.6078	1.3954	1.3478	1.4154	1.7641	1.5170	1.7432	0.8970
	1.3372	1.4321	1.4909	1.4157	1.2272	1.3171	1.2367	2.0142
11	1.3349	1.7649	1.4155	1.7447	1.4467	1.7741	1.6507	0.8059
	1.5012	1.2238	1.4156	1.2406	1.3878	1.2197	1.3061	2.2794
12	1.6528	1.5241	1.7640	1.4466	1.3347	1.6288	1.0725	
	1.3017	1.3070	1.2272	1.3879	1.5172	1.3260	1.7498	
13	1.4369	1.4776	1.5170	1.7741	1.6288	0.9913	0.6016	
	1.3782	1.3510	1.3171	1.2198	1.3260	1.8073	2.9843	
14	1.6902	1.7455	1.7432	1.6506	1.0726	0.6017		
	1.2721	1.2340	1.2367	1.3062	1.7498	2.9798		
15	0.9081	0.9441	0.8969	0.8058	F-SUB-Q			
	1.9591	2.0295	2.0138	2.2795	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1660	1.2769	1.6145	1.3511	1.6597	1.4508	1.6960	0.9308
	1.7018	1.5409	1.3008	1.4515	1.2660	1.3327	1.2372	1.8681
9	1.2769	1.6820	1.4065	1.7713	1.5387	1.4905	1.7514	0.9635
	1.5409	1.2491	1.3883	1.1903	1.2641	1.3072	1.1998	1.9411
10	1.6145	1.4066	1.3586	1.4296	1.7724	1.5305	1.7489	0.9213
	1.3008	1.3882	1.4448	1.3687	1.1911	1.2728	1.2019	1.9143
11	1.3511	1.7713	1.4297	1.7498	1.4592	1.7818	1.6556	0.8285
	1.4515	1.1903	1.3686	1.2069	1.3414	1.1832	1.2688	2.1636
12	1.6597	1.5387	1.7723	1.4591	1.3452	1.6343	1.1032	
	1.2660	1.2642	1.1911	1.3415	1.4664	1.2862	1.6575	
13	1.4508	1.4911	1.5306	1.7817	1.6343	1.0207	0.6210	
	1.3327	1.3068	1.2728	1.1833	1.2862	1.7092	2.8185	
14	1.6960	1.7514	1.7489	1.6555	1.1034	0.6210		
	1.2372	1.1998	1.2019	1.2688	1.6576	2.8141		
15	0.9308	0.9637	0.9212	0.8284	F-SUB-Q			
	1.8681	1.9412	1.9140	2.1636	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1743	1.2812	1.6373	1.3610	1.6835	1.4704	1.7215	0.9251
	1.6552	1.5045	1.2583	1.4113	1.2240	1.2891	1.1943	1.8413
9	1.2812	1.7083	1.4251	1.7975	1.5587	1.5104	1.7786	0.9624
	1.5045	1.2061	1.3442	1.1499	1.2235	1.2642	1.1572	1.9050
10	1.6373	1.4252	1.3769	1.4456	1.7953	1.5525	1.7760	0.9142
	1.2583	1.3441	1.3984	1.3268	1.1519	1.2287	1.1590	1.8903
11	1.3610	1.7975	1.4458	1.7723	1.4771	1.8094	1.6808	0.8222
	1.4113	1.1499	1.3267	1.1669	1.2979	1.1404	1.2232	2.1359
12	1.6835	1.5586	1.7952	1.4770	1.3633	1.6600	1.0977	
	1.2240	1.2235	1.1520	1.2979	1.4168	1.2389	1.6303	
13	1.4704	1.5110	1.5525	1.8093	1.6600	1.0155	0.6146	
	1.2891	1.2638	1.2287	1.1405	1.2389	1.6809	2.7882	
14	1.7215	1.7786	1.7760	1.6807	1.0979	0.6146		
	1.1943	1.1572	1.1590	1.2233	1.6304	2.7841		
15	0.9251	0.9627	0.9142	0.8221	F-SUB-Q			
	1.8413	1.9051	1.8900	2.1360	M-SUB-Q			

AT 100% POWER, 485 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1439	1.2449	1.5758	1.3181	1.6190	1.4293	1.6548	0.8931
	1.6732	1.5244	1.2864	1.4343	1.2522	1.3045	1.2215	1.8762
9	1.2449	1.6446	1.3856	1.7274	1.5138	1.4710	1.7082	0.9292
	1.5244	1.2324	1.3609	1.1768	1.2393	1.2766	1.1842	1.9407
10	1.5758	1.3857	1.3414	1.4060	1.7221	1.5083	1.7065	0.8802
	1.2864	1.3608	1.4128	1.3420	1.1804	1.2428	1.1853	1.9312
11	1.3181	1.7274	1.4061	1.6986	1.4334	1.7392	1.6126	0.7937
	1.4343	1.1768	1.3419	1.1967	1.3149	1.1656	1.2523	2.1755
12	1.6190	1.5137	1.7221	1.4333	1.3263	1.5956	1.0613	
	1.2522	1.2394	1.1805	1.3149	1.4318	1.2658	1.6570	
13	1.4293	1.4716	1.5083	1.7391	1.5957	0.9851	0.5959	
	1.3045	1.2762	1.2428	1.1657	1.2657	1.7027	2.8286	
14	1.6548	1.7082	1.7065	1.6125	1.0615	0.5959		
	1.2215	1.1842	1.1853	1.2524	1.6570	2.8244		
15	0.8931	0.9295	0.8801	0.7936	F-SUB-Q			
	1.8762	1.9407	1.9309	2.1756	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 100% POWER, 485 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from approximately 0.5 to 3.5. Includes labels F-SUB-Q and M-SUB-Q at the bottom of the table.

AT 100% POWER, 485 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from approximately 0.3 to 6.5. Includes labels F-SUB-Q and M-SUB-Q at the bottom of the table.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.4251	* 0.5490	* 0.6655	* 0.6041	* 0.7040	* 0.6126	* 0.6179	* 0.3382
	* 4.0193	* 3.7668	* 3.0931	* 3.3767	* 2.9026	* 3.3440	* 3.3649	* 5.5705
9	* 0.5490	* 0.6320	* 0.5857	* 0.6768	* 0.6218	* 0.6053	* 0.6119	* 0.3416
	* 3.7668	* 3.2992	* 3.5123	* 3.0311	* 3.2829	* 3.3876	* 3.3977	* 5.6472
10	* 0.6655	* 0.5857	* 0.5478	* 0.5890	* 0.6430	* 0.5696	* 0.5742	* 0.3187
	* 3.0931	* 3.5120	* 3.8219	* 3.4827	* 3.1839	* 3.5727	* 3.5455	* 5.8120
11	* 0.6041	* 0.6769	* 0.5891	* 0.5917	* 0.5101	* 0.5588	* 0.5103	* 0.2643
	* 3.3767	* 3.0309	* 3.4821	* 3.5141	* 4.0219	* 3.6407	* 3.9709	* 6.9157
12	* 0.7040	* 0.6219	* 0.6431	* 0.5101	* 0.3804	* 0.4232	* 0.3353	*
	* 2.9026	* 3.2827	* 3.1834	* 4.0215	* 4.4118	* 4.1270	* 5.2507	*
13	* 0.6126	* 0.6055	* 0.5697	* 0.5589	* 0.4233	* 0.2580	* 0.1620	*
	* 3.3440	* 3.3865	* 3.5718	* 3.6399	* 4.1262	* 5.4261	* 9.7359	*
14	* 0.6179	* 0.6120	* 0.5744	* 0.5105	* 0.3355	* 0.1621	*	*
	* 3.3649	* 3.3970	* 3.5445	* 3.9698	* 5.2488	* 9.7306	*	*
15	* 0.3382	* 0.3417	* 0.3188	* 0.2643	* F-SUB-Q			
	* 5.5705	* 5.6461	* 5.8101	* 6.9138	* 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	* 0.8701	* 1.1313	* 1.4122	* 1.2179	* 1.4695	* 1.3810	* 1.4563	* 0.7548
	* 2.0308	* 1.8745	* 1.4950	* 1.7222	* 1.4287	* 1.5218	* 1.4657	* 2.5666
9	* 1.1313	* 1.4600	* 1.2779	* 1.4565	* 1.3782	* 1.3805	* 1.4812	* 0.7534
	* 1.8745	* 1.4597	* 1.6561	* 1.4476	* 1.5228	* 1.5246	* 1.4274	* 2.6074
10	* 1.4122	* 1.2780	* 1.2264	* 1.2452	* 1.3564	* 1.2952	* 1.4042	* 0.7093
	* 1.4950	* 1.6560	* 1.7489	* 1.6940	* 1.5490	* 1.6137	* 1.4881	* 2.6774
11	* 1.2179	* 1.4566	* 1.2455	* 1.2453	* 1.0831	* 1.2928	* 1.1990	* 0.6081
	* 1.7222	* 1.4475	* 1.6936	* 1.7037	* 1.8901	* 1.5982	* 1.7352	* 3.0934
12	* 1.4695	* 1.3783	* 1.3567	* 1.0833	* 0.8033	* 1.0039	* 0.7753	*
	* 1.4287	* 1.5227	* 1.5487	* 1.8898	* 1.9853	* 1.7344	* 2.3075	*
13	* 1.3810	* 1.3813	* 1.2956	* 1.2931	* 1.0042	* 0.6037	* 0.3730	*
	* 1.5218	* 1.5240	* 1.6132	* 1.5979	* 1.7342	* 2.3505	* 4.3048	*
14	* 1.4563	* 1.4816	* 1.4045	* 1.1993	* 0.7756	* 0.3729	*	*
	* 1.4657	* 1.4271	* 1.4877	* 1.7347	* 2.3068	* 4.3053	*	*
15	* 0.7548	* 0.7537	* 0.7095	* 0.6083	* F-SUB-Q			
	* 2.5666	* 2.6067	* 2.6766	* 3.0926	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.9919	* 1.2688	* 1.3865	* 1.3479	* 1.3489	* 1.5603	* 1.5135	* 0.8354
	* 1.7963	* 1.7088	* 1.5546	* 1.5961	* 1.5878	* 1.3731	* 1.4162	* 2.3290
9	* 1.2688	* 1.4305	* 1.4668	* 1.4573	* 1.5267	* 1.5864	* 1.5200	* 0.8142
	* 1.7088	* 1.5166	* 1.4718	* 1.4801	* 1.4033	* 1.3500	* 1.4095	* 2.4434
10	* 1.3865	* 1.4670	* 1.4698	* 1.4127	* 1.4577	* 1.4920	* 1.4835	* 0.7879
	* 1.5546	* 1.4717	* 1.4743	* 1.5275	* 1.4718	* 1.4312	* 1.4394	* 2.4557
11	* 1.3479	* 1.4573	* 1.4130	* 1.3454	* 1.2275	* 1.2618	* 1.3413	* 0.7159
	* 1.5961	* 1.4801	* 1.5272	* 1.6084	* 1.6828	* 1.6953	* 1.5881	* 2.6903
12	* 1.3489	* 1.5269	* 1.4580	* 1.2277	* 0.9286	* 1.1221	* 0.8946	
	* 1.5878	* 1.4031	* 1.4715	* 1.6826	* 1.6824	* 1.5478	* 2.0323	
13	* 1.5603	* 1.5871	* 1.4925	* 1.2621	* 1.1223	* 0.7522	* 0.4581	
	* 1.3731	* 1.3495	* 1.4307	* 1.6949	* 1.5476	* 1.9296	* 3.5807	
14	* 1.5135	* 1.5203	* 1.4839	* 1.3416	* 0.8950	* 0.4579		
	* 1.4162	* 1.4092	* 1.4390	* 1.5877	* 2.0317	* 3.5817		
15	* 0.8354	* 0.8146	* 0.7881	* 0.7160	* F-SUB-Q			
	* 2.3290	* 2.4428	* 2.4549	* 2.6896	* 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	* 1.0428	* 1.3220	* 1.4677	* 1.3998	* 1.4170	* 1.6593	* 1.6194	* 0.8451
	* 1.7438	* 1.6943	* 1.4950	* 1.5788	* 1.4287	* 1.3186	* 1.3509	* 2.3290
9	* 1.3220	* 1.5371	* 1.5518	* 1.5448	* 1.6070	* 1.6881	* 1.6187	* 0.8207
	* 1.6943	* 1.4507	* 1.4298	* 1.4376	* 1.3676	* 1.2983	* 1.3518	* 2.4434
10	* 1.4677	* 1.5520	* 1.5717	* 1.4977	* 1.5645	* 1.5942	* 1.5946	* 0.8020
	* 1.4950	* 1.4296	* 1.4138	* 1.4795	* 1.4091	* 1.3751	* 1.3745	* 2.4557
11	* 1.3998	* 1.5450	* 1.4980	* 1.4434	* 1.2945	* 1.3489	* 1.4538	* 0.7432
	* 1.5788	* 1.4374	* 1.4792	* 1.5427	* 1.6136	* 1.5982	* 1.5101	* 2.6702
12	* 1.4170	* 1.6073	* 1.5649	* 1.2947	* 0.9876	* 1.2338	* 0.9400	
	* 1.4287	* 1.3674	* 1.4087	* 1.6134	* 1.5887	* 1.4379	* 1.9920	
13	* 1.6593	* 1.6889	* 1.5948	* 1.3493	* 1.2340	* 0.8170	* 0.4905	
	* 1.3186	* 1.2977	* 1.3746	* 1.5979	* 1.4377	* 1.8449	* 3.4671	
14	* 1.6194	* 1.6191	* 1.5951	* 1.4541	* 0.9404	* 0.4903		
	* 1.3509	* 1.3515	* 1.3741	* 1.5097	* 1.9914	* 3.4682		
15	* 0.8451	* 0.8211	* 0.8022	* 0.7434	* F-SUB-Q			
	* 2.3290	* 2.4428	* 2.4549	* 2.6695	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0733	1.3457	1.4964	1.4123	1.4439	1.6868	1.6588	0.8483
	1.7900	1.7359	1.5344	1.6194	1.5678	1.3369	1.3590	2.4115
9	1.3457	1.5736	1.5736	1.5781	1.6298	1.7152	1.6593	0.8248
	1.7359	1.4734	1.4646	1.4589	1.3917	1.3157	1.3598	2.5405
10	1.4964	1.5737	1.5934	1.5190	1.6045	1.6311	1.6439	0.8125
	1.5344	1.4645	1.4472	1.5126	1.4187	1.3869	1.3762	2.5224
11	1.4123	1.5782	1.5194	1.4808	1.3350	1.4025	1.5176	0.7598
	1.6194	1.4587	1.5123	1.5636	1.6274	1.6257	1.4981	2.6967
12	1.4439	1.6301	1.6049	1.3352	1.0362	1.3177	0.9832	
	1.5678	1.3914	1.4184	1.6273	1.5948	1.4254	1.9988	
13	1.6868	1.7162	1.6316	1.4028	1.3179	0.8737	0.5155	
	1.3369	1.3149	1.3864	1.6254	1.4253	1.8487	3.5018	
14	1.6588	1.6597	1.6444	1.5180	0.9836	0.5153		
	1.3590	1.3595	1.3757	1.4977	1.9982	3.5029		
15	0.8483	0.8252	0.8127	0.7599	F-SUB-Q			
	2.4115	2.5396	2.5216	2.6960	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	1.1414	1.3689	1.5103	1.4212	1.4521	1.6958	1.6741	0.8504
	1.8602	1.7936	1.5823	1.6750	1.6081	1.3681	1.3861	2.4780
9	1.3689	1.5891	1.5807	1.5894	1.6386	1.7285	1.6763	0.8289
	1.7936	1.5194	1.5152	1.5021	1.4336	1.3440	1.3859	2.6044
10	1.5103	1.5809	1.5984	1.5264	1.6241	1.6533	1.6712	0.8212
	1.5823	1.5150	1.4977	1.5626	1.4550	1.4198	1.4028	2.5862
11	1.4212	1.5896	1.5267	1.5001	1.3793	1.4436	1.5637	0.7760
	1.6750	1.5019	1.5622	1.6098	1.6705	1.6549	1.5260	2.7586
12	1.4521	1.6389	1.6246	1.3795	1.1357	1.4154	1.0319	
	1.6081	1.4333	1.4547	1.6704	1.6357	1.4526	2.0312	
13	1.6958	1.7295	1.6539	1.4440	1.4156	0.9638	0.5454	
	1.3681	1.3432	1.4192	1.6547	1.4525	1.8905	3.5982	
14	1.6741	1.6767	1.6718	1.5641	1.0323	0.5452		
	1.3861	1.3856	1.4023	1.5255	2.0306	3.5993		
15	0.8504	0.8293	0.8214	0.7762	F-SUB-Q			
	2.4780	2.6036	2.5854	2.7578	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2558	1.4039	1.5391	1.4306	1.4717	1.7183	1.7038	0.8500
	1.9205	1.8430	1.6356	1.7449	1.6547	1.4045	1.4158	2.5753
9	1.4039	1.6207	1.6013	1.6155	1.6619	1.7557	1.7063	0.8308
	1.8430	1.5710	1.5743	1.5515	1.4797	1.3780	1.4165	2.7050
10	1.5390	1.6015	1.6170	1.5460	1.6595	1.6895	1.7145	0.8271
	1.6356	1.5741	1.5564	1.6216	1.4944	1.4575	1.4335	2.6896
11	1.4306	1.6157	1.5463	1.5344	1.4422	1.4990	1.6229	0.7840
	1.7449	1.5513	1.6212	1.6624	1.7098	1.6818	1.5593	2.8808
12	1.4717	1.6622	1.6599	1.4424	1.3514	1.5681	1.0751	
	1.6547	1.4794	1.4940	1.7097	1.6711	1.4745	2.0929	
13	1.7183	1.7567	1.6901	1.4994	1.5683	1.0704	0.5746	
	1.4045	1.3772	1.4569	1.6815	1.4743	1.9516	3.7348	
14	1.7038	1.7068	1.7151	1.6234	1.0755	0.5744		
	1.4158	1.4161	1.4331	1.5589	2.0922	3.7356		
15	0.8500	0.8312	0.8273	0.7842	F-SUB-Q			
	2.5753	2.7041	2.6887	2.8800	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	1.3392	1.4269	1.5554	1.4360	1.4812	1.7316	1.7207	0.8502
	2.0022	1.9201	1.7197	1.8410	1.7308	1.4642	1.4724	2.7027
9	1.4269	1.6380	1.6119	1.6288	1.6757	1.7728	1.7242	0.8329
	1.9201	1.6531	1.6605	1.6304	1.5499	1.4354	1.4734	2.8354
10	1.5554	1.6121	1.6261	1.5569	1.6823	1.7149	1.7437	0.8327
	1.7197	1.6602	1.6420	1.7079	1.5607	1.5193	1.4907	2.8225
11	1.4360	1.6290	1.5573	1.5557	1.4888	1.5395	1.6668	0.7937
	1.8410	1.6302	1.7075	1.7461	1.7557	1.7197	1.6001	3.0250
12	1.4812	1.6760	1.6828	1.4890	1.4792	1.6886	1.1138	
	1.7308	1.5496	1.5603	1.7556	1.7180	1.5099	2.1506	
13	1.7316	1.7738	1.7156	1.5399	1.6889	1.1515	0.5998	
	1.4642	1.4345	1.5187	1.7194	1.5097	2.0174	3.8686	
14	1.7207	1.7248	1.7443	1.6673	1.1143	0.5996		
	1.4724	1.4731	1.4902	1.5997	2.1499	3.8691		
15	0.8502	0.8333	0.8329	0.7939	F-SUB-Q			
	2.7027	2.8345	2.8216	3.0242	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3649	1.4410	1.5721	1.4396	1.4941	1.7475	1.7412	0.8497
	2.1116	2.0103	1.8168	1.9541	1.8193	1.5360	1.5402	2.8608
9	1.4410	1.6559	1.6224	1.6448	1.6913	1.7923	1.7455	0.8344
	2.0103	1.7425	1.7608	1.7211	1.6324	1.5045	1.5418	2.9965
10	1.5721	1.6225	1.6362	1.5687	1.7072	1.7405	1.7741	0.8365
	1.8168	1.7605	1.7415	1.8083	1.6380	1.5934	1.5590	2.9866
11	1.4396	1.6450	1.5691	1.5770	1.5234	1.5759	1.7072	0.7998
	1.9541	1.7209	1.8078	1.8147	1.8245	1.7780	1.6465	3.1922
12	1.4941	1.6916	1.7077	1.5235	1.5396	1.7623	1.1387	
	1.8193	1.6321	1.6375	1.8244	1.7861	1.5608	2.2444	
13	1.7475	1.7934	1.7411	1.5764	1.7626	1.1924	0.6154	
	1.5360	1.5036	1.5928	1.7777	1.5606	2.1097	4.0524	
14	1.7412	1.7460	1.7747	1.7077	1.1391	0.6152		
	1.5402	1.5414	1.5584	1.6461	2.2436	4.0527		
15	0.8497	0.8348	0.8367	0.8000	F-SUB-Q			
	2.8608	2.9955	2.9856	3.1914	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	1.3535	1.4274	1.5495	1.4317	1.4761	1.7330	1.7229	0.8509
	2.2561	2.1362	1.9647	2.1124	1.9630	1.6493	1.6571	3.0409
9	1.4274	1.6322	1.6025	1.6223	1.6760	1.7795	1.7287	0.8363
	2.1362	1.8612	1.8909	1.8615	1.7590	1.6148	1.6572	3.1790
10	1.5495	1.6027	1.6161	1.5521	1.6921	1.7326	1.7628	0.8405
	1.9647	1.8907	1.8718	1.9404	1.7636	1.7103	1.6759	3.1718
11	1.4317	1.6225	1.5525	1.5594	1.5278	1.5719	1.7041	0.8115
	2.1124	1.8612	1.9399	1.9303	1.9438	1.8877	1.7350	3.3103
12	1.4761	1.6763	1.6926	1.5279	1.5505	1.7725	1.1616	
	1.9630	1.7586	1.7631	1.9436	1.9032	1.6637	2.3432	
13	1.7330	1.7806	1.7333	1.5724	1.7728	1.2214	0.6285	
	1.6493	1.6138	1.7096	1.8872	1.6635	2.2138	4.2535	
14	1.7229	1.7292	1.7634	1.7046	1.1622	0.6284		
	1.6571	1.6568	1.6754	1.7345	2.3424	4.2542		
15	0.8509	0.8367	0.8407	0.8117	F-SUB-Q			
	3.0409	3.1779	3.1708	3.3094	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3597	1.4332	1.5688	1.4290	1.4956	1.7558	1.7539	0.8455
	2.3752	2.2513	2.0534	2.2457	2.0716	1.7399	1.7395	3.2649
9	1.4332	1.6533	1.6131	1.6436	1.6953	1.8057	1.7594	0.8334
	2.2513	1.9436	1.9870	1.9413	1.8585	1.7014	1.7410	3.4079
10	1.5688	1.6133	1.6273	1.5647	1.7222	1.7607	1.7994	0.8378
	2.0534	1.9868	1.9663	2.0355	1.8317	1.7787	1.7408	3.3983
11	1.4290	1.6438	1.5651	1.5822	1.5554	1.6063	1.7438	0.8051
	2.2457	1.9410	2.0350	2.0108	2.0180	1.9522	1.7922	3.5256
12	1.4956	1.6957	1.7227	1.5556	1.5820	1.8196	1.1612	
	2.0716	1.8581	1.8312	2.0178	1.9788	1.7198	2.4765	
13	1.7558	1.8068	1.7614	1.6067	1.8199	1.2242	0.6270	
	1.7399	1.7004	1.7780	1.9516	1.7195	2.3497	4.5192	
14	1.7539	1.7600	1.8001	1.7443	1.1618	0.6269		
	1.7395	1.7406	1.7402	1.7917	2.4755	4.5193		
15	0.8455	0.8339	0.8380	0.8053	F-SUB-Q			
	3.2649	3.4067	3.3972	3.5247	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	1.3480	1.4225	1.5612	1.4193	1.4927	1.7555	1.7562	0.8418
	2.4456	2.3091	2.1076	2.3114	2.2050	1.8628	1.8593	3.5054
9	1.4225	1.6452	1.6022	1.6369	1.6916	1.8076	1.7619	0.8312
	2.3091	2.0005	2.0502	2.0121	1.9483	1.8197	1.8606	3.6516
10	1.5612	1.6024	1.6167	1.5567	1.7231	1.7646	1.8054	0.8357
	2.1076	2.0500	2.0321	2.1138	1.9197	1.8764	1.8372	3.6078
11	1.4193	1.6372	1.5571	1.5775	1.5587	1.6126	1.7532	0.8043
	2.3114	2.0119	2.1133	2.0937	2.1372	2.0632	1.8919	3.7424
12	1.4927	1.6919	1.7236	1.5588	1.5879	1.8312	1.1638	
	2.2050	1.9479	1.9192	2.1370	2.0929	1.8143	2.6224	
13	1.7555	1.8087	1.7653	1.6131	1.8315	1.2277	0.6267	
	1.8628	1.8186	1.8757	2.0626	1.8140	2.4874	4.7948	
14	1.7562	1.7625	1.8060	1.7537	1.1643	0.6266		
	1.8593	1.8601	1.8366	1.8914	2.6214	4.7948		
15	0.8418	0.8316	0.8359	0.8045	F-SUB-Q			
	3.5054	3.6502	3.6067	3.7415	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3215	1.3973	1.5299	1.4019	1.4698	1.7353	1.7332	0.8383
	2.4496	2.3081	2.1118	2.2972	2.1988	1.8653	1.8705	3.5225
9	1.3973	1.6124	1.5730	1.6068	1.6684	1.7882	1.7398	0.8283
	2.3081	2.0048	2.0509	2.0142	1.9414	1.8124	1.8651	3.6558
10	1.5299	1.5732	1.5878	1.5310	1.6991	1.7471	1.7850	0.8332
	2.1118	2.0507	2.0324	2.1119	1.9139	1.8642	1.8274	3.5669
11	1.4019	1.6071	1.5314	1.5496	1.5420	1.5951	1.7358	0.8075
	2.2972	2.0139	2.1114	2.0955	2.1343	2.0544	1.8917	3.6832
12	1.4698	1.6687	1.6996	1.5421	1.5729	1.8129	1.1678	
	2.1988	1.9410	1.9134	2.1341	2.1048	1.8301	2.5949	
13	1.7353	1.7894	1.7478	1.5955	1.8132	1.2311	0.6272	
	1.8653	1.8113	1.8635	2.0538	1.8298	2.4771	4.7982	
14	1.7332	1.7403	1.7856	1.7363	1.1683	0.6271		
	1.8705	1.8645	1.8267	1.8911	2.5937	4.7985		
15	0.8383	0.8287	0.8334	0.8078	F-SUB-Q			
	3.5225	3.6545	3.5656	3.6822	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	1.3143	1.3907	1.5360	1.3887	1.4789	1.7474	1.7534	0.8280
	2.3882	2.2443	2.0381	2.2416	2.1160	1.7959	1.7898	3.4238
9	1.3907	1.6197	1.5708	1.6176	1.6748	1.8029	1.7594	0.8204
	2.2443	1.9360	1.9921	1.9451	1.8825	1.7495	1.7895	3.5532
10	1.5360	1.5710	1.5860	1.5306	1.7156	1.7625	1.8081	0.8244
	2.0381	1.9919	1.9742	2.0518	1.8474	1.8042	1.7601	3.4830
11	1.3887	1.6179	1.5310	1.5580	1.5511	1.6142	1.7594	0.7944
	2.2416	1.9448	2.0513	2.0270	2.0798	1.9868	1.8273	3.6229
12	1.4789	1.6751	1.7161	1.5513	1.5842	1.8365	1.1540	
	2.1160	1.8821	1.8469	2.0797	2.0518	1.7739	2.5565	
13	1.7474	1.8041	1.7632	1.6147	1.8368	1.2171	0.6173	
	1.7959	1.7484	1.8035	1.9862	1.7736	2.4489	4.7030	
14	1.7534	1.7600	1.8088	1.7600	1.1546	0.6172		
	1.7898	1.7890	1.7594	1.8267	2.5554	4.7027		
15	0.8280	0.8208	0.8246	0.7946	F-SUB-Q			
	3.4238	3.5519	3.4819	3.6219	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2973	1.3748	1.5246	1.3744	1.4723	1.7435	1.7529	0.8195
	2.2088	2.0754	1.8811	2.0778	1.9625	1.6698	1.6598	3.1867
9	1.3748	1.6077	1.5550	1.6098	1.6658	1.8004	1.7588	0.8133
	2.0754	1.7875	1.8452	1.7975	1.7472	1.6239	1.6579	3.2977
10	1.5246	1.5552	1.5704	1.5173	1.7118	1.7610	1.8097	0.8169
	1.8811	1.8449	1.8292	1.9000	1.7068	1.6685	1.6238	3.2279
11	1.3744	1.6100	1.5177	1.5482	1.5456	1.6145	1.7626	0.7872
	2.0778	1.7972	1.8995	1.8692	1.9119	1.8232	1.6755	3.3518
12	1.4723	1.6662	1.7123	1.5457	1.5804	1.8379	1.1455	
	1.9625	1.7469	1.7063	1.9117	1.8886	1.6276	2.3600	
13	1.7435	1.8017	1.7617	1.6150	1.8382	1.2075	0.6101	
	1.6698	1.6229	1.6678	1.8226	1.6273	2.2597	4.3620	
14	1.7529	1.7594	1.8104	1.7632	1.1461	0.6101		
	1.6598	1.6574	1.6232	1.6750	2.3589	4.3614		
15	0.8195	0.8137	0.8171	0.7874	F-SUB-Q			
	3.1867	3.2964	3.2269	3.3509	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	1.2774	1.3554	1.5053	1.3561	1.4590	1.7311	1.7416	0.8130
	2.0671	1.9415	1.7585	1.9434	1.8257	1.5509	1.5411	2.9673
9	1.3554	1.5877	1.5341	1.5938	1.6500	1.7891	1.7478	0.8076
	1.9415	1.6707	1.7264	1.6797	1.6305	1.5057	1.5383	3.0653
10	1.5053	1.5343	1.5497	1.4987	1.6984	1.7500	1.7996	0.8108
	1.7585	1.7261	1.7113	1.7764	1.5901	1.5512	1.5091	3.0097
11	1.3561	1.5940	1.4991	1.5309	1.5326	1.6047	1.7535	0.7822
	1.9434	1.6795	1.7760	1.7459	1.7756	1.6931	1.5538	3.1173
12	1.4590	1.6503	1.6990	1.5327	1.5684	1.8269	1.1393	
	1.8257	1.6302	1.5896	1.7755	1.7511	1.5063	2.1858	
13	1.7311	1.7903	1.7508	1.6052	1.8273	1.2005	0.6052	
	1.5509	1.5048	1.5506	1.6925	1.5060	2.0921	4.0531	
14	1.7416	1.7483	1.8003	1.7541	1.1399	0.6052		
	1.5411	1.5378	1.5085	1.5533	2.1848	4.0526		
15	0.8130	0.8080	0.8111	0.7824	F-SUB-Q			
	2.9673	3.0641	3.0086	3.1164	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2528	1.3318	1.4755	1.3397	1.4356	1.7088	1.7166	0.8090
	2.1100	1.9793	1.7949	1.9655	1.8613	1.5759	1.5688	2.9967
9	1.3318	1.5558	1.5059	1.5658	1.6249	1.7670	1.7230	0.8035
	1.9793	1.7071	1.7600	1.7126	1.6562	1.5281	1.5649	3.0939
10	1.4755	1.5062	1.5216	1.4730	1.6714	1.7282	1.7746	0.8068
	1.7949	1.7597	1.7443	1.8104	1.6189	1.5736	1.5325	3.0277
11	1.3397	1.5661	1.4735	1.5037	1.5105	1.5818	1.7302	0.7834
	1.9655	1.7123	1.8099	1.7868	1.8059	1.7252	1.5808	3.1267
12	1.4356	1.6253	1.6719	1.5106	1.5468	1.8007	1.1385	
	1.8613	1.6559	1.6184	1.8057	1.7771	1.5290	2.1940	
13	1.7088	1.7682	1.7289	1.5824	1.8011	1.1984	0.6030	
	1.5759	1.5271	1.5730	1.7247	1.5287	2.0972	4.0794	
14	1.7166	1.7236	1.7753	1.7308	1.1391	0.6030		
	1.5688	1.5644	1.5320	1.5803	2.1930	4.0792		
15	0.8090	0.8040	0.8071	0.7836	F-SUB-Q			
	2.9967	3.0927	3.0267	3.1258	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	1.2507	1.3298	1.4867	1.3326	1.4477	1.7227	1.7391	0.7988
	1.9607	1.8453	1.6618	1.8481	1.7288	1.4634	1.4503	2.8459
9	1.3298	1.5684	1.5085	1.5798	1.6334	1.7829	1.7445	0.7955
	1.8453	1.5795	1.6390	1.5859	1.5399	1.4170	1.4472	2.9298
10	1.4867	1.5088	1.5244	1.4760	1.6895	1.7429	1.7976	0.7970
	1.6618	1.6387	1.6246	1.6861	1.4958	1.4560	1.4125	2.8659
11	1.3326	1.5801	1.4765	1.5172	1.5174	1.5993	1.7512	0.7680
	1.8481	1.5856	1.6856	1.6536	1.6773	1.5913	1.4554	2.9733
12	1.4477	1.6338	1.6900	1.5175	1.5547	1.8203	1.1202	
	1.7288	1.5396	1.4954	1.6771	1.6450	1.4099	2.0826	
13	1.7227	1.7842	1.7437	1.5998	1.8207	1.1796	0.5909	
	1.4634	1.4160	1.4554	1.5908	1.4096	1.9864	3.8900	
14	1.7391	1.7451	1.7983	1.7518	1.1208	0.5910		
	1.4503	1.4467	1.4119	1.4549	2.0815	3.8892		
15	0.7988	0.7959	0.7972	0.7682	F-SUB-Q			
	2.8459	2.9285	2.8650	2.9724	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2407	1.3194	1.4774	1.3228	1.4419	1.7192	1.7358	0.7938
	1.8563	1.7523	1.5771	1.7576	1.6407	1.3852	1.3729	2.7103
9	1.3194	1.5593	1.4986	1.5720	1.6268	1.7801	1.7408	0.7912
	1.7523	1.4981	1.5558	1.5041	1.4592	1.3400	1.3701	2.7869
10	1.4774	1.4989	1.5149	1.4671	1.6835	1.7380	1.7926	0.7912
	1.5771	1.5555	1.5418	1.5999	1.4161	1.3763	1.3354	2.7265
11	1.3228	1.5724	1.4676	1.5079	1.5075	1.5917	1.7433	0.7616
	1.7576	1.5038	1.5995	1.5682	1.5833	1.5045	1.3749	2.8266
12	1.4419	1.6272	1.6841	1.5076	1.5446	1.8096	1.1100	
	1.6407	1.4589	1.4156	1.5832	1.5495	1.3283	1.9727	
13	1.7192	1.7814	1.7388	1.5922	1.8100	1.1688	0.5841	
	1.3852	1.3391	1.3757	1.5040	1.3280	1.8782	3.6940	
14	1.7358	1.7414	1.7934	1.7440	1.1107	0.5841		
	1.3729	1.3696	1.3349	1.3744	1.9717	3.6933		
15	0.7938	0.7916	0.7914	0.7619	F-SUB-Q			
	2.7103	2.7857	2.7256	2.8257	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	1.2209	1.2984	1.4421	1.3081	1.4140	1.6947	1.7002	0.7947
	1.7958	1.6964	1.5395	1.6930	1.5960	1.3393	1.3361	2.5859
9	1.2984	1.5229	1.4735	1.5375	1.6027	1.7543	1.7055	0.7911
	1.6964	1.4615	1.5077	1.4656	1.4113	1.2955	1.3329	2.6614
10	1.4421	1.4738	1.4902	1.4437	1.6480	1.7093	1.7531	0.7898
	1.5395	1.5075	1.4936	1.5493	1.3779	1.3319	1.2998	2.6053
11	1.3081	1.5378	1.4441	1.4704	1.4771	1.5528	1.6986	0.7641
	1.6930	1.4654	1.5489	1.5293	1.5339	1.4665	1.3410	2.6845
12	1.4140	1.6031	1.6485	1.4772	1.5118	1.7594	1.1066	
	1.5960	1.4110	1.3775	1.5338	1.5009	1.2944	1.8797	
13	1.6947	1.7556	1.7101	1.5534	1.7598	1.1643	0.5829	
	1.3393	1.2946	1.3313	1.4660	1.2941	1.7876	3.5164	
14	1.7002	1.7061	1.7538	1.6992	1.1073	0.5829		
	1.3361	1.3324	1.2993	1.3406	1.8788	3.5160		
15	0.7947	0.7916	0.7900	0.7643	F-SUB-Q			
	2.5859	2.6603	2.6044	2.6837	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2231	1.2994	1.4448	1.3076	1.4190	1.7058	1.7072	0.7906
	1.7247	1.6308	1.4782	1.6315	1.5305	1.2792	1.2796	2.5039
9	1.2994	1.5248	1.4774	1.5419	1.6138	1.7650	1.7114	0.7887
	1.6308	1.4043	1.4465	1.4057	1.3477	1.2376	1.2773	2.5717
10	1.4448	1.4777	1.4934	1.4479	1.6530	1.7165	1.7558	0.7823
	1.4782	1.4462	1.4337	1.4858	1.3208	1.2741	1.2468	2.5319
11	1.3076	1.5422	1.4484	1.4698	1.4728	1.5497	1.6901	0.7475
	1.6315	1.4054	1.4854	1.4712	1.4764	1.4113	1.2937	2.6397
12	1.4190	1.6141	1.6535	1.4729	1.5015	1.7404	1.0791	
	1.5305	1.3474	1.3204	1.4763	1.4493	1.2543	1.8508	
13	1.7058	1.7662	1.7172	1.5503	1.7408	1.1312	0.5646	
	1.2792	1.2368	1.2735	1.4108	1.2541	1.7649	3.4887	
14	1.7072	1.7120	1.7565	1.6907	1.0797	0.5645		
	1.2796	1.2769	1.2463	1.2933	1.8499	3.4884		
15	0.7906	0.7891	0.7825	0.7477	F-SUB-Q			
	2.5039	2.5706	2.5311	2.6389	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	1.1840	1.2774	1.4068	1.2943	1.3965	1.6629	1.6585	0.7921
	1.7307	1.6104	1.4218	1.6000	1.3602	1.2725	1.2771	2.4289
9	1.2774	1.4689	1.4370	1.5071	1.5741	1.7157	1.6653	0.7921
	1.6104	1.3448	1.4393	1.3785	1.3396	1.2339	1.2691	2.4883
10	1.4068	1.4372	1.4362	1.4060	1.5967	1.6698	1.7014	0.7761
	1.4218	1.4391	1.4470	1.4849	1.3257	1.2692	1.2468	2.4792
11	1.2943	1.5074	1.4064	1.4171	1.4337	1.5143	1.6308	0.7275
	1.6000	1.3783	1.4845	1.4808	1.4695	1.3113	1.2988	2.6351
12	1.3965	1.5744	1.5972	1.4339	1.4299	1.6428	1.0490	
	1.3602	1.3393	1.3254	1.4694	1.4748	1.2869	1.8466	
13	1.6629	1.7169	1.6705	1.5148	1.6432	1.0676	0.5338	
	1.2725	1.2331	1.2687	1.3110	1.2866	1.8138	3.5851	
14	1.6585	1.6659	1.7021	1.6313	1.0495	0.5337		
	1.2771	1.2687	1.2463	1.2983	1.8458	3.5851		
15	0.7921	0.7925	0.7763	0.7277	F-SUB-Q			
	2.4289	2.4873	2.4783	2.6343	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.0068	* 1.1279	* 1.4242	* 1.1665	* 1.5086	* 1.4363	* 1.5900	* 0.7269
	* 1.9922	* 1.7847	* 1.4218	* 1.7443	* 1.3602	* 1.4375	* 1.3001	* 2.5929
9	* 1.1279	* 1.5068	* 1.2389	* 1.4847	* 1.3838	* 1.4848	* 1.6295	* 0.7463
	* 1.7847	* 1.3448	* 1.6328	* 1.3785	* 1.4823	* 1.3911	* 1.2691	* 2.5862
10	* 1.4242	* 1.2391	* 1.1830	* 1.2415	* 1.4741	* 1.4414	* 1.6118	* 0.7036
	* 1.4218	* 1.6326	* 1.7167	* 1.6473	* 1.3993	* 1.4337	* 1.2842	* 2.6784
11	* 1.1665	* 1.4849	* 1.2418	* 1.3538	* 1.2497	* 1.5753	* 1.4621	* 0.6298
	* 1.7443	* 1.3783	* 1.6468	* 1.5178	* 1.6473	* 1.3113	* 1.4138	* 2.9819
12	* 1.5086	* 1.3840	* 1.4745	* 1.2498	* 1.1729	* 1.4412	* 0.9290	
	* 1.3602	* 1.4822	* 1.3990	* 1.6471	* 1.7569	* 1.4332	* 2.0401	
13	* 1.4363	* 1.4857	* 1.4420	* 1.5757	* 1.4415	* 0.8720	* 0.4432	
	* 1.4375	* 1.3903	* 1.4332	* 1.3110	* 1.4329	* 2.1722	* 4.2327	
14	* 1.5900	* 1.6300	* 1.6124	* 1.4626	* 0.9294	* 0.4431		
	* 1.3001	* 1.2687	* 1.2837	* 1.4133	* 2.0393	* 4.2330		
15	* 0.7269	* 0.7467	* 0.7038	* 0.6300	F-SUB-Q			
	* 2.5929	* 2.5853	* 2.6775	* 2.9810	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	* 0.4600	* 0.5159	* 0.6176	* 0.5480	* 0.6587	* 0.5818	* 0.6166	* 0.3173
	* 4.2867	* 3.8344	* 3.2152	* 3.6470	* 3.0504	* 3.4754	* 3.2861	* 5.8444
9	* 0.5159	* 0.6033	* 0.5291	* 0.6302	* 0.5811	* 0.5954	* 0.6155	* 0.3253
	* 3.8344	* 3.2864	* 3.7571	* 3.1786	* 3.4536	* 3.3991	* 3.2936	* 5.8341
10	* 0.6176	* 0.5291	* 0.4952	* 0.5485	* 0.6343	* 0.5810	* 0.6027	* 0.3084
	* 3.2152	* 3.7567	* 4.0307	* 3.6622	* 3.1827	* 3.4858	* 3.3665	* 6.0088
11	* 0.5480	* 0.6303	* 0.5486	* 0.5876	* 0.5402	* 0.6257	* 0.5573	* 0.2681
	* 3.6470	* 3.1783	* 3.6615	* 3.4265	* 3.7400	* 3.2361	* 3.6407	* 6.8919
12	* 0.6587	* 0.5811	* 0.6345	* 0.5403	* 0.4854	* 0.5474	* 0.3892	
	* 3.0504	* 3.4533	* 3.1820	* 3.7392	* 4.1649	* 3.7014	* 4.7851	
13	* 0.5818	* 0.5957	* 0.5812	* 0.6258	* 0.5475	* 0.3594	* 0.1912	
	* 3.4754	* 3.3975	* 3.4845	* 3.2353	* 3.7005	* 5.1785	* 9.6594	
14	* 0.6166	* 0.6157	* 0.6029	* 0.5574	* 0.3893	* 0.1913		
	* 3.2861	* 3.2927	* 3.3654	* 3.6395	* 4.7833	* 9.6526		
15	* 0.3173	* 0.3255	* 0.3085	* 0.2682	F-SUB-Q			
	* 5.8444	* 5.8325	* 6.0065	* 6.8897	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.3392	* 0.4326	* 0.5341	* 0.4870	* 0.5674	* 0.4927	* 0.5056	* 0.2779
	* 4.8907	* 4.7019	* 3.7896	* 4.1251	* 3.5467	* 4.0988	* 4.0452	* 6.6500
9	* 0.4326	* 0.5045	* 0.4670	* 0.5491	* 0.5026	* 0.4919	* 0.5007	* 0.2814
	* 4.7019	* 4.0654	* 4.3464	* 3.6751	* 4.0001	* 4.1024	* 4.0857	* 6.7280
10	* 0.5341	* 0.4670	* 0.4392	* 0.4728	* 0.5247	* 0.4637	* 0.4720	* 0.2627
	* 3.7896	* 4.3461	* 4.6810	* 4.2811	* 3.8416	* 4.3233	* 4.2505	* 6.9264
11	* 0.4870	* 0.5491	* 0.4729	* 0.4811	* 0.4107	* 0.4574	* 0.4214	* 0.2185
	* 4.1251	* 3.6749	* 4.2803	* 4.2504	* 4.8662	* 4.3260	* 4.7439	* 8.2229
12	* 0.5674	* 0.5026	* 0.5248	* 0.4108	* 0.3102	* 0.3485	* 0.2735	
	* 3.5467	* 3.9998	* 3.8411	* 4.8656	* 5.2362	* 4.8710	* 6.2383	
13	* 0.4927	* 0.4921	* 0.4638	* 0.4575	* 0.3485	* 0.2098	* 0.1327	
	* 4.0988	* 4.1010	* 4.3222	* 4.3252	* 4.8700	* 6.4669	* 11.5330	
14	* 0.5056	* 0.5008	* 0.4721	* 0.4215	* 0.2736	* 0.1328		
	* 4.0452	* 4.0849	* 4.2493	* 4.7426	* 6.2362	* 11.5260		
15	* 0.2779	* 0.2815	* 0.2627	* 0.2186				F-SUB-Q
	* 6.6500	* 6.7268	* 6.9242	* 8.2208				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	* 0.7187	* 0.9265	* 1.1732	* 1.0249	* 1.2296	* 1.1485	* 1.2263	* 0.6449
	* 2.4166	* 2.2526	* 1.7722	* 2.0172	* 1.6845	* 1.8061	* 1.7132	* 2.9497
9	* 0.9265	* 1.2008	* 1.0625	* 1.2295	* 1.1571	* 1.1582	* 1.2457	* 0.6460
	* 2.2526	* 1.7452	* 1.9597	* 1.6903	* 1.7897	* 1.7933	* 1.6730	* 2.9864
10	* 1.1732	* 1.0626	* 1.0099	* 1.0425	* 1.1537	* 1.0895	* 1.1844	* 0.6074
	* 1.7722	* 1.9595	* 2.0844	* 1.9931	* 1.7958	* 1.8921	* 1.7405	* 3.0730
11	* 1.0249	* 1.2296	* 1.0428	* 1.0546	* 0.9167	* 1.0916	* 1.0194	* 0.5192
	* 2.0172	* 1.6901	* 1.9927	* 1.9809	* 2.1830	* 1.8476	* 2.0131	* 3.5624
12	* 1.2296	* 1.1571	* 1.1539	* 0.9168	* 0.6806	* 0.8504	* 0.6517	
	* 1.6845	* 1.7896	* 1.7955	* 2.1828	* 2.3092	* 2.0120	* 2.6735	
13	* 1.1485	* 1.1589	* 1.0898	* 1.0918	* 0.8506	* 0.5007	* 0.3134	
	* 1.8061	* 1.7924	* 1.8916	* 1.8473	* 2.0117	* 2.7617	* 4.9926	
14	* 1.2263	* 1.2460	* 1.1847	* 1.0197	* 0.6519	* 0.3134		
	* 1.7132	* 1.6726	* 1.7401	* 2.0126	* 2.6728	* 4.9926		
15	* 0.6449	* 0.6462	* 0.6076	* 0.5194				F-SUB-Q
	* 2.9497	* 2.9858	* 3.0721	* 3.5616				M-SUB-Q

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.8676	1.1108	1.2909	1.2029	1.2887	1.3835	1.3765	0.7629
	2.0551	1.9242	1.6478	1.7636	1.6417	1.5297	1.5387	2.5110
9	1.1108	1.2928	1.2929	1.3350	1.3575	1.3974	1.3847	0.7508
	1.9242	1.6538	1.6463	1.5904	1.5611	1.5130	1.5294	2.6100
10	1.2909	1.2930	1.2589	1.2356	1.3075	1.3210	1.3381	0.7205
	1.6478	1.6461	1.6950	1.7215	1.6206	1.5963	1.5764	2.6445
11	1.2029	1.3351	1.2358	1.1998	1.1014	1.1799	1.2202	0.6417
	1.7636	1.5903	1.7211	1.7778	1.8438	1.7876	1.7220	2.9532
12	1.2887	1.3576	1.3078	1.1015	0.8251	1.0153	0.7944	
	1.6417	1.5609	1.6203	1.8436	1.8979	1.7118	2.2389	
13	1.3835	1.3982	1.3214	1.1802	1.0155	0.6394	0.3958	
	1.5297	1.5122	1.5958	1.7873	1.7115	2.2188	4.0492	
14	1.3766	1.3850	1.3385	1.2205	0.7946	0.3957		
	1.5387	1.5291	1.5759	1.7216	2.2383	4.0500		
15	0.7629	0.7511	0.7207	0.6419	F-SUB-Q			
	2.5110	2.6094	2.6437	2.9525	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	0.9523	1.2220	1.4522	1.3183	1.4391	1.5369	1.5523	0.8167
	1.9245	1.8045	1.5090	1.6568	1.5106	1.4100	1.3967	2.3990
9	1.2220	1.4575	1.4266	1.4882	1.4924	1.5552	1.5563	0.8023
	1.8045	1.5104	1.5357	1.4722	1.4573	1.3936	1.3937	2.4998
10	1.4522	1.4267	1.3958	1.3603	1.4679	1.4724	1.5124	0.7715
	1.5090	1.5355	1.5710	1.6082	1.4854	1.4722	1.4337	2.5375
11	1.3183	1.4882	1.3607	1.3423	1.2153	1.3327	1.3911	0.6958
	1.6568	1.4721	1.6078	1.6363	1.7179	1.6338	1.5552	2.8071
12	1.4391	1.4926	1.4683	1.2154	0.9080	1.1599	0.8696	
	1.5106	1.4571	1.4851	1.7177	1.7434	1.5392	2.1101	
13	1.5369	1.5561	1.4729	1.3331	1.1601	0.7096	0.4343	
	1.4100	1.3928	1.4717	1.6334	1.5391	2.0741	3.8239	
14	1.5523	1.5566	1.5129	1.3915	0.8699	0.4341		
	1.3967	1.3934	1.4333	1.5548	2.1096	3.8248		
15	0.8167	0.8027	0.7717	0.6959	F-SUB-Q			
	2.3990	2.4991	2.5367	2.8064	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0067	1.2861	1.5434	1.3810	1.5260	1.6168	1.6500	0.8537
	1.9180	1.7858	1.4731	1.6393	1.4724	1.3852	1.3579	2.3730
9	1.2861	1.5499	1.4958	1.5756	1.5654	1.6387	1.6554	0.8405
	1.7858	1.4778	1.5196	1.4391	1.4392	1.3679	1.3545	2.4693
10	1.5434	1.4959	1.4583	1.4231	1.5564	1.5562	1.6151	0.8114
	1.4731	1.5195	1.5624	1.5950	1.4487	1.4393	1.3878	2.4971
11	1.3810	1.5756	1.4234	1.4199	1.2889	1.4335	1.4998	0.7353
	1.6393	1.4390	1.5946	1.6079	1.6883	1.5734	1.4930	2.7446
12	1.5260	1.5655	1.5568	1.2891	0.9694	1.2610	0.9323	
	1.4724	1.4390	1.4483	1.6881	1.7110	1.4899	2.0607	
13	1.6168	1.6397	1.5568	1.4339	1.2612	0.7648	0.4637	
	1.3852	1.3670	1.4388	1.5730	1.4897	2.0371	3.7787	
14	1.6500	1.6558	1.6156	1.5002	0.9327	0.4636		
	1.3579	1.3542	1.3874	1.4926	2.0601	3.7796		
15	0.8537	0.8409	0.8116	0.7354	F-SUB-Q			
	2.3730	2.4685	2.4963	2.7440	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	1.0600	1.3352	1.6016	1.4232	1.5798	1.6689	1.7121	0.8817
	1.9500	1.8064	1.4814	1.6575	1.4745	1.3874	1.3532	2.3771
9	1.3352	1.6101	1.5414	1.6306	1.6141	1.6941	1.7198	0.8702
	1.8064	1.4873	1.5376	1.4461	1.4507	1.3683	1.3484	2.4680
10	1.6016	1.5416	1.4981	1.4649	1.6156	1.6172	1.6861	0.8430
	1.4814	1.5375	1.5844	1.6142	1.4535	1.4416	1.3824	2.4938
11	1.4232	1.6307	1.4653	1.4721	1.3523	1.5110	1.5809	0.7701
	1.6575	1.4460	1.6138	1.6208	1.6960	1.5677	1.4853	2.7414
12	1.5798	1.6142	1.6160	1.3524	1.0436	1.3544	0.9931	
	1.4745	1.4506	1.4532	1.6958	1.7251	1.4894	2.0541	
13	1.6689	1.6951	1.6178	1.5114	1.3547	0.8301	0.4949	
	1.3874	1.3675	1.4411	1.5673	1.4892	2.0500	3.8166	
14	1.7121	1.7202	1.6866	1.5813	0.9935	0.4947		
	1.3532	1.3481	1.3820	1.4849	2.0535	3.8174		
15	0.8817	0.8706	0.8432	0.7702	F-SUB-Q			
	2.3771	2.4672	2.4930	2.7407	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.1545	* 1.3926	* 1.6649	* 1.4647	* 1.6375	* 1.7245	* 1.7794	* 0.9012
	* 1.9866	* 1.8342	* 1.5066	* 1.6978	* 1.4915	* 1.4036	* 1.3605	* 2.4286
9	* 1.3926	* 1.6789	* 1.5906	* 1.6911	* 1.6659	* 1.7535	* 1.7878	* 0.8922
	* 1.8342	* 1.5135	* 1.5738	* 1.4669	* 1.4769	* 1.3836	* 1.3560	* 2.5168
10	* 1.6649	* 1.5908	* 1.5430	* 1.5108	* 1.6821	* 1.6842	* 1.7652	* 0.8648
	* 1.5066	* 1.5736	* 1.6248	* 1.6518	* 1.4709	* 1.4579	* 1.3901	* 2.5515
11	* 1.4647	* 1.6911	* 1.5112	* 1.5334	* 1.4311	* 1.6010	* 1.6709	* 0.7931
	* 1.6978	* 1.4668	* 1.6514	* 1.6493	* 1.7061	* 1.5562	* 1.4918	* 2.8145
12	* 1.6375	* 1.6660	* 1.6825	* 1.4312	* 1.1634	* 1.4913	* 1.0492	
	* 1.4915	* 1.4768	* 1.4705	* 1.7059	* 1.7444	* 1.4934	* 2.0865	
13	* 1.7245	* 1.7545	* 1.6848	* 1.6015	* 1.4916	* 0.9241	* 0.5268	
	* 1.4036	* 1.3828	* 1.4574	* 1.5558	* 1.4932	* 2.0958	* 3.9185	
14	* 1.7794	* 1.7883	* 1.7657	* 1.6714	* 1.0496	* 0.5266		
	* 1.3605	* 1.3557	* 1.3897	* 1.4914	* 2.0859	* 3.9189		
15	* 0.9012	* 0.8926	* 0.8650	* 0.7933	* F-SUB-Q			
	* 2.4286	* 2.5160	* 2.5506	* 2.8138	* 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	* 1.2607	* 1.4419	* 1.7091	* 1.4942	* 1.6760	* 1.7638	* 1.8262	* 0.9173
	* 2.0567	* 1.8951	* 1.5676	* 1.7725	* 1.5427	* 1.4495	* 1.3997	* 2.5183
9	* 1.4419	* 1.7297	* 1.6257	* 1.7322	* 1.7030	* 1.7963	* 1.8358	* 0.9103
	* 1.8951	* 1.5760	* 1.6432	* 1.5214	* 1.5338	* 1.4279	* 1.3949	* 2.6055
10	* 1.7091	* 1.6259	* 1.5749	* 1.5440	* 1.7304	* 1.7360	* 1.8257	* 0.8839
	* 1.5676	* 1.6430	* 1.6992	* 1.7232	* 1.5210	* 1.5043	* 1.4296	* 2.6452
11	* 1.4942	* 1.7323	* 1.5444	* 1.5791	* 1.5039	* 1.6772	* 1.7462	* 0.8156
	* 1.7725	* 1.5213	* 1.7228	* 1.7138	* 1.7432	* 1.5777	* 1.5147	* 2.9205
12	* 1.6760	* 1.7032	* 1.7309	* 1.5041	* 1.3631	* 1.6426	* 1.1057	
	* 1.5427	* 1.5337	* 1.5206	* 1.7431	* 1.7823	* 1.5165	* 2.1286	
13	* 1.7638	* 1.7974	* 1.7366	* 1.6777	* 1.6428	* 1.0310	* 0.5602	
	* 1.4495	* 1.4270	* 1.5038	* 1.5773	* 1.5163	* 2.1529	* 4.0292	
14	* 1.8262	* 1.8362	* 1.8262	* 1.7467	* 1.1061	* 0.5601		
	* 1.3997	* 1.3946	* 1.4292	* 1.5143	* 2.1279	* 4.0294		
15	* 0.9173	* 0.9107	* 0.8841	* 0.8158	* F-SUB-Q			
	* 2.5183	* 2.6047	* 2.6443	* 2.9197	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3371	1.4803	1.7492	1.5187	1.7125	1.7995	1.8703	0.9287
	2.1612	1.9655	1.6474	1.8698	1.6110	1.5128	1.4548	2.6461
9	1.4803	1.7766	1.6561	1.7700	1.7384	1.8356	1.8806	0.9239
	1.9655	1.6365	1.7333	1.5932	1.6089	1.4891	1.4499	2.7325
10	1.7492	1.6563	1.6034	1.5737	1.7767	1.7831	1.8830	0.8987
	1.6474	1.7331	1.7938	1.8150	1.5875	1.5685	1.4853	2.7833
11	1.5187	1.7701	1.5741	1.6216	1.5645	1.7463	1.8158	0.8323
	1.8698	1.5931	1.8145	1.7660	1.8044	1.6136	1.5478	3.0658
12	1.7125	1.7386	1.7771	1.5647	1.4760	1.7563	1.1491	
	1.6110	1.6088	1.5871	1.8042	1.8491	1.5615	2.2116	
13	1.7995	1.8367	1.7837	1.7468	1.7566	1.1026	0.5859	
	1.5128	1.4881	1.5680	1.6132	1.5613	2.2459	4.2062	
14	1.8703	1.8811	1.8835	1.8163	1.1495	0.5858		
	1.4548	1.4496	1.4849	1.5474	2.2109	4.2062		
15	0.9287	0.9243	0.8989	0.8325	F-SUB-Q			
	2.6461	2.7316	2.7823	3.0650	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	1.3488	1.4853	1.7422	1.5168	1.7056	1.8002	1.8682	0.9397
	2.2948	2.0859	1.7768	2.0163	1.7356	1.6202	1.5598	2.7993
9	1.4853	1.7742	1.6539	1.7619	1.7382	1.8385	1.8812	0.9356
	2.0859	1.7427	1.8666	1.7199	1.7307	1.5938	1.5526	2.8886
10	1.7422	1.6541	1.5994	1.5727	1.7783	1.7929	1.8915	0.9132
	1.7768	1.8663	1.9234	1.9396	1.7034	1.6744	1.5871	2.9308
11	1.5168	1.7620	1.5731	1.6248	1.5827	1.7641	1.8338	0.8537
	2.0163	1.7198	1.9391	1.8668	1.8990	1.6960	1.6272	3.1697
12	1.7056	1.7384	1.7787	1.5829	1.5122	1.7930	1.1880	
	1.7356	1.7304	1.7029	1.8988	1.9664	1.6582	2.2939	
13	1.8002	1.8396	1.7935	1.7646	1.7933	1.1493	0.6078	
	1.6202	1.5928	1.6739	1.6955	1.6579	2.3522	4.4014	
14	1.8682	1.8817	1.8921	1.8343	1.1885	0.6077		
	1.5598	1.5522	1.5866	1.6267	2.2931	4.4015		
15	0.9397	0.9360	0.9134	0.8539	F-SUB-Q			
	2.7993	2.8877	2.9298	3.1689	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3658	1.5020	1.7755	1.5319	1.7408	1.8326	1.9132	0.9400
	2.4228	2.2031	1.8607	2.1458	1.8310	1.7116	1.6377	3.0039
9	1.5020	1.8084	1.6756	1.7955	1.7666	1.8740	1.9253	0.9390
	2.2031	1.8246	1.9658	1.8180	1.8340	1.6820	1.6311	3.0902
10	1.7755	1.6758	1.6188	1.5951	1.8198	1.8323	1.9446	0.9159
	1.8607	1.9655	2.0261	2.0370	1.7717	1.7439	1.6436	3.1517
11	1.5319	1.7956	1.5955	1.6643	1.6182	1.8201	1.8922	0.8526
	2.1458	1.8179	2.0365	1.9419	1.9803	1.7521	1.6809	3.3777
12	1.7408	1.7668	1.8203	1.6184	1.5550	1.8563	1.1975	
	1.8310	1.8338	1.7713	1.9801	2.0428	1.7107	2.4274	
13	1.8326	1.8752	1.8330	1.8207	1.8566	1.1618	0.6112	
	1.7116	1.6809	1.7432	1.7516	1.7104	2.4927	4.6725	
14	1.9132	1.9257	1.9452	1.8927	1.1980	0.6111		
	1.6377	1.6308	1.6431	1.6805	2.4266	4.6724		
15	0.9400	0.9394	0.9161	0.8528	F-SUB-Q			
	3.0039	3.0892	3.1506	3.3770	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	1.3602	1.4974	1.7744	1.5272	1.7434	1.8377	1.9230	0.9402
	2.4535	2.2216	1.8767	2.1735	1.9090	1.8137	1.7373	3.2283
9	1.4974	1.8068	1.6709	1.7946	1.7674	1.8811	1.9354	0.9407
	2.2216	1.8457	1.9907	1.8556	1.8861	1.7738	1.7275	3.3116
10	1.7744	1.6712	1.6133	1.5933	1.8269	1.8425	1.9600	0.9179
	1.8767	1.9904	2.0606	2.0912	1.8318	1.8179	1.7140	3.3252
11	1.5272	1.7947	1.5937	1.6697	1.6257	1.8379	1.9118	0.8557
	2.1735	1.8555	2.0907	2.0071	2.0645	1.8331	1.7645	3.5655
12	1.7434	1.7676	1.8274	1.6259	1.5673	1.8770	1.2063	
	1.9090	1.8859	1.8313	2.0643	2.1512	1.8030	2.5632	
13	1.8377	1.8823	1.8432	1.8384	1.8773	1.1704	0.6140	
	1.8137	1.7727	1.8173	1.8326	1.8027	2.6404	4.9694	
14	1.9230	1.9358	1.9606	1.9123	1.2068	0.6139		
	1.7373	1.7271	1.7134	1.7640	2.5623	4.9692		
15	0.9402	0.9412	0.9181	0.8559	F-SUB-Q			
	3.2283	3.3104	3.3241	3.5646	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3362	1.4739	1.7419	1.5040	1.7162	1.8183	1.9009	0.9384
	2.4614	2.2238	1.8841	2.1751	1.9080	1.8033	1.7286	3.1742
9	1.4739	1.7743	1.6430	1.7625	1.7436	1.8626	1.9151	0.9395
	2.2238	1.8525	1.9950	1.8624	1.8849	1.7640	1.7181	3.2593
10	1.7419	1.6433	1.5862	1.5698	1.8037	1.8270	1.9421	0.9174
	1.8841	1.9948	2.0656	2.0930	1.8301	1.8092	1.7072	3.2796
11	1.5040	1.7626	1.5703	1.6457	1.6093	1.8225	1.8969	0.8615
	2.1751	1.8623	2.0924	2.0110	2.0611	1.8271	1.7576	3.4956
12	1.7162	1.7438	1.8042	1.6095	1.5549	1.8619	1.2136	
	1.9080	1.8847	1.8296	2.0608	2.1547	1.8022	2.5208	
13	1.8183	1.8638	1.8277	1.8230	1.8622	1.1760	0.6160	
	1.8033	1.7629	1.8085	1.8266	1.8018	2.6100	4.9357	
14	1.9009	1.9156	1.9427	1.8974	1.2142	0.6159		
	1.7286	1.7177	1.7067	1.7571	2.5198	4.9353		
15	0.9384	0.9400	0.9176	0.8617	F-SUB-Q			
	3.1742	3.2582	3.2784	3.4947	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	1.3259	1.4642	1.7454	1.4954	1.7248	1.8256	1.9199	0.9263
	2.3829	2.1473	1.8070	2.0992	1.8347	1.7381	1.6554	3.0810
9	1.4642	1.7766	1.6368	1.7675	1.7445	1.8723	1.9329	0.9300
	2.1472	1.7793	1.9241	1.7839	1.8186	1.7029	1.6485	3.1536
10	1.7454	1.6370	1.5794	1.5662	1.8163	1.8382	1.9652	0.9072
	1.8070	1.9238	1.9920	2.0195	1.7581	1.7460	1.6377	3.1765
11	1.4954	1.7676	1.5666	1.6540	1.6136	1.8447	1.9220	0.8467
	2.0992	1.7838	2.0189	1.9292	1.9905	1.7531	1.6856	3.4077
12	1.7248	1.7447	1.8168	1.6138	1.5616	1.8835	1.1987	
	1.8347	1.8184	1.7576	1.9903	2.0879	1.7333	2.4654	
13	1.8256	1.8735	1.8389	1.8453	1.8839	1.1603	0.6051	
	1.7381	1.7018	1.7454	1.7526	1.7330	2.5582	4.8106	
14	1.9199	1.9333	1.9658	1.9226	1.1992	0.6051		
	1.6554	1.6481	1.6372	1.6852	2.4645	4.8101		
15	0.9263	0.9305	0.9074	0.8469	F-SUB-Q			
	3.0810	3.1525	3.1755	3.4069	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.3024	* 1.4410	* 1.7243	* 1.4730	* 1.7086	* 1.8119	* 1.9113	* 0.9136
	* 2.2379	* 2.0154	* 1.6888	* 1.9615	* 1.6990	* 1.6121	* 1.5307	* 2.8699
9	* 1.4410	* 1.7541	* 1.6126	* 1.7503	* 1.7252	* 1.8599	* 1.9241	* 0.9188
	* 2.0154	* 1.6657	* 1.8040	* 1.6625	* 1.6974	* 1.5764	* 1.5231	* 2.9306
10	* 1.7243	* 1.6129	* 1.5554	* 1.5454	* 1.8030	* 1.8295	* 1.9594	* 0.8959
	* 1.6888	* 1.8037	* 1.8699	* 1.8950	* 1.6407	* 1.6275	* 1.5220	* 2.9686
11	* 1.4730	* 1.7506	* 1.5458	* 1.6384	* 1.5993	* 1.8394	* 1.9186	* 0.8359
	* 1.9615	* 1.6624	* 1.8945	* 1.8020	* 1.8569	* 1.6262	* 1.5615	* 3.1985
12	* 1.7086	* 1.7254	* 1.8035	* 1.5995	* 1.5499	* 1.8770	* 1.1856	*
	* 1.6990	* 1.6973	* 1.6403	* 1.8567	* 1.9437	* 1.6071	* 2.3018	*
13	* 1.8119	* 1.8611	* 1.8301	* 1.8400	* 1.8774	* 1.1459	* 0.5955	*
	* 1.6121	* 1.5754	* 1.6269	* 1.6257	* 1.6068	* 2.3936	* 4.5173	*
14	* 1.9113	* 1.9245	* 1.9601	* 1.9192	* 1.1861	* 0.5955	*	*
	* 1.5307	* 1.5227	* 1.5215	* 1.5611	* 2.3009	* 4.5166	*	*
15	* 0.9136	* 0.9193	* 0.8961	* 0.8361	* F-SUB-Q			
	* 2.8699	* 2.9295	* 2.9676	* 3.1977	* 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	* 1.2721	* 1.4092	* 1.6882	* 1.4414	* 1.6775	* 1.7841	* 1.8844	* 0.8996
	* 2.1121	* 1.8931	* 1.5788	* 1.8397	* 1.5953	* 1.5105	* 1.4328	* 2.6932
9	* 1.4092	* 1.7178	* 1.5776	* 1.7183	* 1.6934	* 1.8328	* 1.8975	* 0.9056
	* 1.8931	* 1.5610	* 1.6885	* 1.5583	* 1.5890	* 1.4748	* 1.4247	* 2.7459
10	* 1.6882	* 1.5779	* 1.5219	* 1.5140	* 1.7741	* 1.8049	* 1.9341	* 0.8829
	* 1.5788	* 1.6883	* 1.7508	* 1.7744	* 1.5308	* 1.5155	* 1.4163	* 2.7717
11	* 1.4414	* 1.7186	* 1.5145	* 1.6086	* 1.5727	* 1.8151	* 1.8947	* 0.8248
	* 1.8397	* 1.5582	* 1.7739	* 1.6982	* 1.7498	* 1.5258	* 1.4632	* 2.9810
12	* 1.6775	* 1.6936	* 1.7746	* 1.5728	* 1.5257	* 1.8518	* 1.1709	*
	* 1.5953	* 1.5889	* 1.5304	* 1.7496	* 1.8341	* 1.5128	* 2.1625	*
13	* 1.7841	* 1.8340	* 1.8056	* 1.8157	* 1.8522	* 1.1307	* 0.5864	*
	* 1.5105	* 1.4738	* 1.5150	* 1.5253	* 1.5125	* 2.2522	* 4.2651	*
14	* 1.8844	* 1.8980	* 1.9348	* 1.8953	* 1.1715	* 0.5864	*	*
	* 1.4328	* 1.4243	* 1.4158	* 1.4628	* 2.1616	* 4.2645	*	*
15	* 0.8996	* 0.9061	* 0.8831	* 0.8250	* F-SUB-Q			
	* 2.6933	* 2.7448	* 2.7708	* 2.9802	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2327	1.3680	1.6340	1.4000	1.6275	1.7398	1.8355	0.8850
	2.1576	1.9360	1.6271	1.8933	1.6488	1.5536	1.4755	2.7513
9	1.3680	1.6631	1.5300	1.6676	1.6464	1.7882	1.8495	0.8907
	1.9360	1.6037	1.7366	1.6073	1.6348	1.5151	1.4657	2.8040
10	1.6340	1.5302	1.4761	1.4703	1.7250	1.7624	1.8855	0.8687
	1.6271	1.7363	1.8014	1.8245	1.5733	1.5508	1.4502	2.8207
11	1.4000	1.6679	1.4707	1.5607	1.5316	1.7684	1.8478	0.8170
	1.8933	1.6073	1.8240	1.7389	1.7852	1.5552	1.4893	3.0032
12	1.6275	1.6466	1.7255	1.5318	1.4875	1.8045	1.1574	
	1.6488	1.6346	1.5728	1.7850	1.8693	1.5420	2.1729	
13	1.7398	1.7894	1.7630	1.7690	1.8049	1.1164	0.5780	
	1.5536	1.5142	1.5502	1.5547	1.5417	2.2709	4.3059	
14	1.8355	1.8500	1.8861	1.8484	1.1580	0.5780		
	1.4755	1.4654	1.4497	1.4889	2.1720	4.3055		
15	0.8850	0.8912	0.8689	0.8172	F-SUB-Q			
	2.7512	2.8029	2.8198	3.0024	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	1.2076	1.3407	1.6155	1.3729	1.6125	1.7214	1.8267	0.8589
	2.0372	1.8382	1.5350	1.8029	1.5574	1.4693	1.3876	2.6573
9	1.3407	1.6435	1.5040	1.6515	1.6239	1.7710	1.8390	0.8667
	1.8382	1.5114	1.6460	1.5168	1.5482	1.4309	1.3796	2.7003
10	1.6155	1.5043	1.4510	1.4464	1.7116	1.7463	1.8775	0.8436
	1.5350	1.6457	1.7095	1.7309	1.4805	1.4612	1.3587	2.7158
11	1.3729	1.6518	1.4469	1.5456	1.5110	1.7589	1.8401	0.7876
	1.8029	1.5167	1.7304	1.6343	1.6803	1.4538	1.3902	2.9060
12	1.6125	1.6241	1.7121	1.5112	1.4689	1.7942	1.1207	
	1.5574	1.5480	1.4801	1.6801	1.7414	1.4311	2.0791	
13	1.7214	1.7722	1.7470	1.7595	1.7946	1.0807	0.5571	
	1.4693	1.4300	1.4606	1.4533	1.4308	2.1594	4.1275	
14	1.8267	1.8394	1.8782	1.8407	1.1213	0.5571		
	1.3876	1.3792	1.3583	1.3898	2.0781	4.1266		
15	0.8589	0.8672	0.8438	0.7878	F-SUB-Q			
	2.6573	2.6992	2.7149	2.9052	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.1687	* 1.2979	* 1.5649	* 1.3294	* 1.5655	* 1.6764	* 1.7799	* 0.8332
	* 1.9758	* 1.7875	* 1.4932	* 1.7560	* 1.5146	* 1.4241	* 1.3443	* 2.5908
9	* 1.2979	* 1.5926	* 1.4572	* 1.6037	* 1.5773	* 1.7256	* 1.7914	* 0.8415
	* 1.7875	* 1.4684	* 1.6003	* 1.4753	* 1.5032	* 1.3857	* 1.3368	* 2.6296
10	* 1.5649	* 1.4575	* 1.4070	* 1.4028	* 1.6648	* 1.7001	* 1.8287	* 0.8182
	* 1.4932	* 1.6000	* 1.6615	* 1.6825	* 1.4350	* 1.4130	* 1.3140	* 2.6439
11	* 1.3294	* 1.6040	* 1.4033	* 1.5001	* 1.4671	* 1.7098	* 1.7905	* 0.7636
	* 1.7560	* 1.4753	* 1.6820	* 1.5852	* 1.6265	* 1.4063	* 1.3430	* 2.8261
12	* 1.5655	* 1.5775	* 1.6653	* 1.4672	* 1.4273	* 1.7448	* 1.0868	
	* 1.5146	* 1.5030	* 1.4346	* 1.6264	* 1.6757	* 1.3778	* 2.0128	
13	* 1.6764	* 1.7268	* 1.7008	* 1.7104	* 1.7452	* 1.0486	* 0.5391	
	* 1.4241	* 1.3848	* 1.4125	* 1.4058	* 1.3774	* 2.0822	* 4.0003	
14	* 1.7799	* 1.7919	* 1.8293	* 1.7911	* 1.0874	* 0.5392		
	* 1.3443	* 1.3364	* 1.3136	* 1.3426	* 2.0119	* 3.9994		
15	* 0.8332	* 0.8420	* 0.8184	* 0.7638	* F-SUB-Q			
	* 2.5908	* 2.6285	* 2.6430	* 2.8253	* 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	* 1.1140	* 1.2366	* 1.4765	* 1.2669	* 1.4813	* 1.6005	* 1.6878	* 0.8068
	* 1.9715	* 1.7852	* 1.5062	* 1.7539	* 1.5251	* 1.4203	* 1.3499	* 2.5532
9	* 1.2366	* 1.5046	* 1.3865	* 1.5190	* 1.5031	* 1.6476	* 1.7000	* 0.8138
	* 1.7852	* 1.4788	* 1.6009	* 1.4864	* 1.5017	* 1.3816	* 1.3414	* 2.5944
10	* 1.4765	* 1.3868	* 1.3416	* 1.3371	* 1.5792	* 1.6180	* 1.7317	* 0.7911
	* 1.5062	* 1.6006	* 1.6588	* 1.6805	* 1.4398	* 1.4099	* 1.3195	* 2.6069
11	* 1.2669	* 1.5193	* 1.3375	* 1.4191	* 1.3963	* 1.6128	* 1.6905	* 0.7432
	* 1.7539	* 1.4862	* 1.6800	* 1.5939	* 1.6241	* 1.4164	* 1.3511	* 2.7660
12	* 1.4813	* 1.5033	* 1.5797	* 1.3965	* 1.3588	* 1.6484	* 1.0530	
	* 1.5251	* 1.5016	* 1.4394	* 1.6239	* 1.6693	* 1.3826	* 1.9737	
13	* 1.6005	* 1.6488	* 1.6186	* 1.6134	* 1.6488	* 1.0177	* 0.5242	
	* 1.4203	* 1.3806	* 1.4094	* 1.4160	* 1.3823	* 2.0351	* 3.9104	
14	* 1.6878	* 1.7004	* 1.7323	* 1.6911	* 1.0535	* 0.5242		
	* 1.3499	* 1.3411	* 1.3190	* 1.3506	* 1.9728	* 3.9097		
15	* 0.8068	* 0.8143	* 0.7913	* 0.7434	* F-SUB-Q			
	* 2.5532	* 2.5934	* 2.6060	* 2.7652	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0690	1.1831	1.4110	1.2138	1.4204	1.5418	1.6208	0.7657
	1.9745	1.7929	1.5144	1.7605	1.5288	1.4161	1.3504	2.5892
9	1.1831	1.4376	1.3314	1.4578	1.4471	1.5874	1.6303	0.7740
	1.7929	1.4871	1.6029	1.4882	1.4982	1.3770	1.3438	2.6255
10	1.4110	1.3316	1.2902	1.2869	1.5173	1.5559	1.6593	0.7492
	1.5144	1.6026	1.6574	1.6776	1.4393	1.4065	1.3218	2.6478
11	1.2138	1.4581	1.2873	1.3608	1.3395	1.5371	1.6118	0.6969
	1.7605	1.4879	1.6771	1.5967	1.6247	1.4261	1.3595	2.8362
12	1.4204	1.4473	1.5178	1.3397	1.3007	1.5707	0.9876	
	1.5288	1.4980	1.4389	1.6245	1.6724	1.3912	2.0200	
13	1.5418	1.5885	1.5565	1.5376	1.5711	0.9561	0.4907	
	1.4161	1.3760	1.4060	1.4257	1.3909	2.0782	4.0144	
14	1.6208	1.6307	1.6599	1.6123	0.9881	0.4906		
	1.3504	1.3435	1.3214	1.3591	2.0191	4.0140		
15	0.7657	0.7744	0.7494	0.6971	F-SUB-Q			
	2.5892	2.6244	2.6470	2.8355	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	0.9838	1.0934	1.2875	1.1276	1.3062	1.4214	1.4784	0.7169
	2.0823	1.8820	1.6091	1.8391	1.6113	1.4884	1.4344	2.6854
9	1.0934	1.3139	1.2309	1.3404	1.3435	1.4613	1.4906	0.7253
	1.8820	1.5776	1.6837	1.5682	1.5636	1.4491	1.4240	2.7200
10	1.2875	1.2311	1.1847	1.1984	1.3869	1.4328	1.5106	0.6977
	1.6091	1.6835	1.7508	1.7462	1.5258	1.4797	1.4063	2.7604
11	1.1276	1.3406	1.1988	1.2516	1.2401	1.4030	1.4610	0.6417
	1.8391	1.5682	1.7457	1.6826	1.6999	1.5129	1.4525	2.9909
12	1.3062	1.3436	1.3873	1.2403	1.1861	1.4171	0.9088	
	1.6113	1.5634	1.5254	1.6997	1.7771	1.4934	2.1286	
13	1.4214	1.4622	1.4334	1.4034	1.4174	0.8686	0.4464	
	1.4884	1.4482	1.4791	1.5124	1.4930	2.2186	4.2864	
14	1.4784	1.4910	1.5111	1.4615	0.9092	0.4464		
	1.4344	1.4237	1.4058	1.4521	2.1277	4.2862		
15	0.7169	0.7257	0.6978	0.6418	F-SUB-Q			
	2.6854	2.7189	2.7596	2.9901	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.7965	* 0.9019	* 1.1540	* 0.9520	* 1.2255	* 1.1557	* 1.3005	* 0.6088
	* 2.5179	* 2.2322	* 1.7567	* 2.1386	* 1.6761	* 1.7878	* 1.5923	* 3.0959
9	* 0.9019	* 1.2051	* 0.9968	* 1.2179	* 1.1209	* 1.1919	* 1.3339	* 0.6268
	* 2.2322	* 1.6791	* 2.0327	* 1.6793	* 1.8272	* 1.7343	* 1.5540	* 3.0805
10	* 1.1540	* 0.9970	* 0.9356	* 1.0017	* 1.2114	* 1.1706	* 1.3201	* 0.5900
	* 1.7567	* 2.0324	* 2.1697	* 2.0410	* 1.7035	* 1.7683	* 1.5718	* 3.1954
11	* 0.9520	* 1.2180	* 1.0020	* 1.1093	* 1.0134	* 1.2918	* 1.2014	* 0.5241
	* 2.1386	* 1.6792	* 2.0405	* 1.8531	* 2.0324	* 1.6035	* 1.7252	* 3.5866
12	* 1.2255	* 1.1210	* 1.2116	* 1.0135	* 0.9324	* 1.1570	* 0.7527	
	* 1.6761	* 1.8271	* 1.7031	* 2.0322	* 2.2095	* 1.7869	* 2.5147	
13	* 1.1557	* 1.1926	* 1.1710	* 1.2921	* 1.1573	* 0.6862	* 0.3578	
	* 1.7878	* 1.7333	* 1.7677	* 1.6031	* 1.7866	* 2.7488	* 5.2433	
14	* 1.3005	* 1.3343	* 1.3205	* 1.2018	* 0.7530	* 0.3577		
	* 1.5923	* 1.5536	* 1.5713	* 1.7247	* 2.5137	* 5.2434		
15	* 0.6088	* 0.6272	* 0.5902	* 0.5242	F-SUB-Q			
	* 3.0959	* 3.0794	* 3.1944	* 3.5856	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	* 0.3538	* 0.3979	* 0.4821	* 0.4283	* 0.5162	* 0.4536	* 0.4892	* 0.2547
	* 5.5797	* 4.9778	* 4.1284	* 4.6736	* 3.9022	* 4.4677	* 4.1549	* 7.2836
9	* 0.3979	* 0.4671	* 0.4104	* 0.4973	* 0.4533	* 0.4639	* 0.4886	* 0.2613
	* 4.9778	* 4.2514	* 4.8489	* 4.0362	* 4.4323	* 4.3714	* 4.1614	* 7.2697
10	* 0.4821	* 0.4105	* 0.3826	* 0.4257	* 0.5004	* 0.4556	* 0.4796	* 0.2476
	* 4.1284	* 4.8484	* 5.2205	* 4.7167	* 4.0430	* 4.4563	* 4.2442	* 7.4943
11	* 0.4283	* 0.4974	* 0.4258	* 0.4632	* 0.4195	* 0.4946	* 0.4443	* 0.2154
	* 4.6736	* 4.0359	* 4.7157	* 4.3547	* 4.8253	* 4.1034	* 4.5825	* 8.5926
12	* 0.5162	* 0.4533	* 0.5005	* 0.4196	* 0.3759	* 0.4299	* 0.3049	
	* 3.9022	* 4.4321	* 4.0422	* 4.8245	* 5.3889	* 4.7250	* 6.1077	
13	* 0.4536	* 0.4641	* 0.4558	* 0.4947	* 0.4300	* 0.2775	* 0.1505	
	* 4.4677	* 4.3695	* 4.4549	* 4.1024	* 4.7239	* 6.6881	* 12.2787	
14	* 0.4892	* 0.4888	* 0.4797	* 0.4444	* 0.3050	* 0.1506		
	* 4.1549	* 4.1603	* 4.2429	* 4.5812	* 6.1055	* 12.2702		
15	* 0.2547	* 0.2614	* 0.2476	* 0.2154	F-SUB-Q			
	* 7.2836	* 7.2678	* 7.4918	* 8.5902	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.3081	* 0.3965	* 0.4960	* 0.4548	* 0.5288	* 0.4618	* 0.4789	* 0.2648
	* 5.2823	* 5.1404	* 4.1003	* 4.4441	* 3.8327	* 4.4035	* 4.2934	* 6.9877
9	* 0.3965	* 0.4658	* 0.4335	* 0.5146	* 0.4713	* 0.4629	* 0.4742	* 0.2684
	* 5.1404	* 4.4241	* 4.7046	* 3.9448	* 4.2928	* 4.3872	* 4.3359	* 7.0634
10	* 0.4960	* 0.4335	* 0.4097	* 0.4435	* 0.4954	* 0.4378	* 0.4492	* 0.2508
	* 4.1003	* 4.7043	* 5.0320	* 4.5913	* 4.0916	* 4.6044	* 4.4939	* 7.2735
11	* 0.4548	* 0.5146	* 0.4436	* 0.4546	* 0.3853	* 0.4339	* 0.4018	* 0.2093
	* 4.4441	* 3.9446	* 4.5905	* 4.5160	* 5.1308	* 4.5526	* 4.9996	* 8.5997
12	* 0.5288	* 0.4713	* 0.4955	* 0.3853	* 0.2910	* 0.3311	* 0.2584	
	* 3.8327	* 4.2926	* 4.0911	* 5.1303	* 5.4877	* 5.0956	* 6.5689	
13	* 0.4618	* 0.4631	* 0.4379	* 0.4340	* 0.3312	* 0.1968	* 0.1270	
	* 4.4035	* 4.3858	* 4.6033	* 4.5519	* 5.0947	* 6.8034	* 11.9756	
14	* 0.4789	* 0.4743	* 0.4493	* 0.4019	* 0.2585	* 0.1271		
	* 4.2934	* 4.3351	* 4.4929	* 4.9985	* 6.5669	* 11.9649		
15	* 0.2648	* 0.2685	* 0.2508	* 0.2094	* F-SUB-Q			
	* 6.9877	* 7.0622	* 7.2714	* 8.5979	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 0.6583	* 0.8526	* 1.0841	* 0.9636	* 1.1474	* 1.0786	* 1.1548	* 0.6176
	* 2.6240	* 2.4549	* 1.9256	* 2.1577	* 1.8158	* 1.9346	* 1.8309	* 3.0824
9	* 0.8526	* 1.1019	* 0.9878	* 1.1595	* 1.0903	* 1.0894	* 1.1718	* 0.6203
	* 2.4549	* 1.9081	* 2.1168	* 1.8011	* 1.9106	* 1.9186	* 1.7887	* 3.1165
10	* 1.0841	* 0.9879	* 0.9388	* 0.9814	* 1.0947	* 1.0287	* 1.1179	* 0.5827
	* 1.9256	* 2.1166	* 2.2507	* 2.1269	* 1.9022	* 2.0153	* 1.8538	* 3.2097
11	* 0.9636	* 1.1596	* 0.9816	* 1.0015	* 0.8709	* 1.0326	* 0.9670	* 0.4976
	* 2.1577	* 1.8010	* 2.1265	* 2.0931	* 2.2941	* 1.9522	* 2.1316	* 3.7215
12	* 1.1474	* 1.0903	* 1.0949	* 0.8710	* 0.6468	* 0.8059	* 0.6157	
	* 1.8158	* 1.9106	* 1.9019	* 2.2939	* 2.4356	* 2.1280	* 2.8194	
13	* 1.0786	* 1.0899	* 1.0289	* 1.0328	* 0.8060	* 0.4680	* 0.2993	
	* 1.9346	* 1.9176	* 2.0147	* 1.9519	* 2.1277	* 2.9340	* 5.2077	
14	* 1.1548	* 1.1720	* 1.1181	* 0.9672	* 0.6159	* 0.2992		
	* 1.8309	* 1.7884	* 1.8534	* 2.1312	* 2.8187	* 5.2060		
15	* 0.6176	* 0.6205	* 0.5828	* 0.4977	* F-SUB-Q			
	* 3.0824	* 3.1158	* 3.2088	* 3.7207	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.8137	1.0458	1.2711	1.1681	1.3167	1.3271	1.3479	0.7523
	2.2063	2.0480	1.6794	1.8210	1.6156	1.6030	1.5789	2.5501
9	1.0458	1.2708	1.2268	1.3151	1.3197	1.3400	1.3551	0.7456
	2.0480	1.6861	1.7403	1.6226	1.6141	1.5864	1.5685	2.6309
10	1.2711	1.2269	1.1794	1.1869	1.2694	1.2697	1.3078	0.7120
	1.6794	1.7401	1.8125	1.7959	1.6784	1.6677	1.6180	2.6792
11	1.1681	1.3151	1.1872	1.1629	1.0747	1.1880	1.1931	0.6255
	1.8210	1.6226	1.7955	1.8395	1.8934	1.7526	1.7649	3.0289
12	1.3167	1.3197	1.2696	1.0748	0.8015	0.9905	0.7671	
	1.6156	1.6140	1.6781	1.8932	1.9866	1.7641	2.3113	
13	1.3271	1.3407	1.2701	1.1883	0.9907	0.6006	0.3797	
	1.6030	1.5855	1.6672	1.7524	1.7640	2.3529	4.2041	
14	1.3479	1.3554	1.3081	1.1934	0.7674	0.3796		
	1.5789	1.5681	1.6176	1.7646	2.3107	4.2036		
15	0.7523	0.7459	0.7122	0.6256	F-SUB-Q			
	2.5501	2.6303	2.6784	3.0283	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.9022	1.1664	1.4608	1.2998	1.5074	1.4934	1.5524	0.8222
	2.0466	1.8886	1.5015	1.6812	1.4476	1.4568	1.4007	2.3830
9	1.1664	1.4578	1.3727	1.4952	1.4773	1.5087	1.5585	0.8162
	1.8886	1.5098	1.5977	1.4661	1.4802	1.4423	1.3948	2.4571
10	1.4608	1.3728	1.3166	1.3212	1.4453	1.4303	1.5097	0.7776
	1.5015	1.5976	1.6655	1.6570	1.5119	1.5177	1.4369	2.5150
11	1.2998	1.4953	1.3215	1.3199	1.2040	1.3733	1.3807	0.6865
	1.6812	1.4661	1.6566	1.6646	1.7338	1.5626	1.5656	2.8358
12	1.5074	1.4774	1.4456	1.2041	0.8916	1.1447	0.8489	
	1.4476	1.4801	1.5116	1.7337	1.8140	1.5703	2.1499	
13	1.4934	1.5095	1.4307	1.3736	1.1449	0.6664	0.4175	
	1.4568	1.4414	1.5173	1.5623	1.5701	2.1922	3.9481	
14	1.5524	1.5589	1.5101	1.3809	0.8492	0.4173		
	1.4007	1.3944	1.4366	1.5653	2.1494	3.9478		
15	0.8222	0.8166	0.7778	0.6866	F-SUB-Q			
	2.3830	2.4564	2.5143	2.8352	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.9558	1.2329	1.5654	1.3730	1.6153	1.5814	1.6685	0.8677
	2.0261	1.8520	1.4486	1.6423	1.3932	1.4190	1.3436	2.3295
9	1.2329	1.5606	1.4493	1.5983	1.5640	1.5990	1.6766	0.8639
	1.8520	1.4614	1.5654	1.4151	1.4420	1.4043	1.3373	2.3965
10	1.5654	1.4494	1.3829	1.3959	1.5432	1.5210	1.6283	0.8250
	1.4486	1.5652	1.6419	1.6202	1.4603	1.4706	1.3729	2.4470
11	1.3730	1.5983	1.3962	1.4059	1.2825	1.4906	1.4926	0.7293
	1.6423	1.4150	1.6198	1.6176	1.6894	1.4948	1.4923	2.7492
12	1.6153	1.5640	1.5435	1.2826	0.9511	1.2424	0.9103	
	1.3932	1.4419	1.4600	1.6892	1.7733	1.5113	2.0867	
13	1.5814	1.5999	1.5215	1.4910	1.2426	0.7131	0.4438	
	1.4190	1.4035	1.4702	1.4945	1.5111	2.1472	3.8861	
14	1.6685	1.6770	1.6287	1.4929	0.9105	0.4437		
	1.3436	1.3370	1.3725	1.4920	2.0862	3.8857		
15	0.8677	0.8642	0.8252	0.7294	F-SUB-Q			
	2.3295	2.3958	2.4462	2.7486	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.9978	1.2804	1.6293	1.4192	1.6803	1.6357	1.7406	0.9002
	2.0514	1.8592	1.4472	1.6491	1.3863	1.4162	1.3298	2.3201
9	1.2804	1.6236	1.4971	1.6644	1.6187	1.6565	1.7511	0.8985
	1.8592	1.4620	1.5753	1.4104	1.4448	1.3996	1.3221	2.3805
10	1.6293	1.4972	1.4235	1.4447	1.6071	1.5825	1.7064	0.8603
	1.4472	1.5751	1.6563	1.6269	1.4572	1.4668	1.3581	2.4287
11	1.4191	1.6645	1.4450	1.4611	1.3419	1.5738	1.5711	0.7645
	1.6491	1.4103	1.6265	1.6200	1.6900	1.4790	1.4797	2.7321
12	1.6803	1.6188	1.6073	1.3420	1.0026	1.3181	0.9636	
	1.3863	1.4447	1.4570	1.6899	1.7846	1.5081	2.0749	
13	1.6357	1.6574	1.5830	1.5741	1.3183	0.7583	0.4685	
	1.4162	1.3988	1.4664	1.4787	1.5080	2.1584	3.9181	
14	1.7406	1.7515	1.7069	1.5714	0.9639	0.4683		
	1.3298	1.3218	1.3577	1.4794	2.0744	3.9177		
15	0.9002	0.8989	0.8605	0.7646	F-SUB-Q			
	2.3201	2.3798	2.4280	2.7315	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0453	1.3264	1.6947	1.4622	1.7459	1.6891	1.8132	0.9219
	2.0863	1.8882	1.4655	1.6798	1.3966	1.4314	1.3315	2.3629
9	1.3264	1.6930	1.5448	1.7318	1.6726	1.7135	1.8270	0.9228
	1.8882	1.4816	1.6075	1.4228	1.4662	1.4135	1.3230	2.4192
10	1.6947	1.5450	1.4653	1.4929	1.6719	1.6457	1.7880	0.8833
	1.4655	1.6073	1.6935	1.6568	1.4714	1.4813	1.3598	2.4770
11	1.4622	1.7319	1.4932	1.5213	1.4087	1.6653	1.6576	0.7860
	1.6798	1.4227	1.6564	1.6328	1.6977	1.4681	1.4808	2.7997
12	1.7459	1.6726	1.6721	1.4089	1.0702	1.4147	1.0091	
	1.3966	1.4662	1.4711	1.6976	1.8056	1.5125	2.1072	
13	1.6891	1.7145	1.6461	1.6656	1.4150	0.8121	0.4924	
	1.4314	1.4127	1.4808	1.4679	1.5124	2.2081	4.0232	
14	1.8132	1.8274	1.7884	1.6579	1.0094	0.4923		
	1.3315	1.3226	1.3595	1.4805	2.1067	4.0224		
15	0.9219	0.9232	0.8834	0.7861	F-SUB-Q			
	2.3629	2.4186	2.4763	2.7992	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1391	1.3721	1.7411	1.4915	1.7893	1.7254	1.8621	0.9390
	2.1582	1.9490	1.5203	1.7465	1.4413	1.4783	1.3670	2.4452
9	1.3721	1.7469	1.5795	1.7773	1.7096	1.7529	1.8792	0.9421
	1.9490	1.5383	1.6751	1.4704	1.5199	1.4588	1.3573	2.4995
10	1.7411	1.5797	1.4951	1.5289	1.7191	1.6935	1.8482	0.9029
	1.5203	1.6749	1.7673	1.7219	1.5198	1.5282	1.3954	2.5636
11	1.4915	1.7775	1.5292	1.5753	1.4739	1.7422	1.7293	0.8073
	1.7465	1.4703	1.7215	1.6674	1.7347	1.4883	1.5030	2.9026
12	1.7893	1.7097	1.7193	1.4740	1.1872	1.5332	1.0599	
	1.4413	1.5199	1.5195	1.7346	1.8472	1.5378	2.1518	
13	1.7254	1.7540	1.6940	1.7426	1.5334	0.9033	0.5217	
	1.4783	1.4579	1.5277	1.4880	1.5376	2.2715	4.1415	
14	1.8621	1.8797	1.8486	1.7296	1.0602	0.5216		
	1.3670	1.3570	1.3950	1.5027	2.1512	4.1405		
15	0.9390	0.9425	0.9031	0.8074	F-SUB-Q			
	2.4452	2.4988	2.5628	2.9020	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2260	1.4158	1.7855	1.5168	1.8301	1.7579	1.9077	0.9509
	2.2663	2.0215	1.5942	1.8372	1.5036	1.5443	1.4196	2.5672
9	1.4158	1.8004	1.6113	1.8210	1.7430	1.7888	1.9282	0.9565
	2.0215	1.5929	1.7649	1.5357	1.5933	1.5226	1.4084	2.6195
10	1.7855	1.6115	1.5234	1.5615	1.7640	1.7379	1.9055	0.9155
	1.5942	1.7647	1.8630	1.8098	1.5865	1.5948	1.4480	2.6970
11	1.5168	1.8211	1.5619	1.6365	1.5403	1.8168	1.7986	0.8236
	1.8372	1.5356	1.8093	1.7173	1.7969	1.5244	1.5382	3.0530
12	1.8301	1.7430	1.7644	1.5404	1.3618	1.6705	1.1052	
	1.5036	1.5932	1.5861	1.7968	1.9197	1.5861	2.2386	
13	1.7579	1.7898	1.7384	1.8172	1.6707	0.9928	0.5493	
	1.5443	1.5217	1.5943	1.5241	1.5859	2.3737	4.3297	
14	1.9077	1.9287	1.9060	1.7989	1.1056	0.5492		
	1.4196	1.4081	1.4476	1.5379	2.2380	4.3285		
15	0.9509	0.9569	0.9157	0.8238	F-SUB-Q			
	2.5672	2.6188	2.6962	3.0525	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2686	1.4307	1.7839	1.5163	1.8245	1.7585	1.9067	0.9629
	2.4048	2.1442	1.7233	1.9786	1.6198	1.6545	1.5218	2.7142
9	1.4307	1.8054	1.6130	1.8193	1.7434	1.7915	1.9294	0.9696
	2.1442	1.6965	1.9009	1.6548	1.7132	1.6304	1.5089	2.7677
10	1.7839	1.6132	1.5244	1.5671	1.7689	1.7487	1.9146	0.9339
	1.7233	1.9007	2.0010	1.9361	1.7025	1.6969	1.5509	2.8380
11	1.5163	1.8194	1.5675	1.6537	1.5688	1.8415	1.8204	0.8457
	1.9786	1.6547	1.9357	1.8153	1.8921	1.6044	1.6203	3.1614
12	1.8245	1.7435	1.7693	1.5689	1.4279	1.7300	1.1497	
	1.6198	1.7132	1.7021	1.8920	2.0410	1.6850	2.3226	
13	1.7585	1.7926	1.7492	1.8418	1.7302	1.0564	0.5759	
	1.6545	1.6295	1.6964	1.6041	1.6848	2.4882	4.5296	
14	1.9067	1.9299	1.9150	1.8207	1.1500	0.5758		
	1.5218	1.5085	1.5505	1.6200	2.3220	4.5281		
15	0.9629	0.9700	0.9341	0.8458	F-SUB-Q			
	2.7142	2.7669	2.8372	3.1609	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2938	1.4537	1.8247	1.5360	1.8655	1.7883	1.9545	0.9640
	2.5400	2.2654	1.8025	2.1099	1.7091	1.7516	1.5980	2.9142
9	1.4537	1.8498	1.6375	1.8616	1.7722	1.8244	1.9802	0.9739
	2.2654	1.7745	2.0024	1.7446	1.8192	1.7243	1.5829	2.9627
10	1.8247	1.6377	1.5461	1.5917	1.8110	1.7937	1.9712	0.9342
	1.8025	2.0022	2.1089	2.0358	1.7748	1.7688	1.6108	3.0541
11	1.5360	1.8617	1.5921	1.7018	1.6101	1.9069	1.8819	0.8458
	2.1099	1.7445	2.0353	1.8894	1.9775	1.6596	1.6779	3.3749
12	1.8655	1.7722	1.8114	1.6103	1.4788	1.8024	1.1637	
	1.7091	1.8191	1.7745	1.9774	2.1277	1.7431	2.4636	
13	1.7883	1.8254	1.7941	1.9073	1.8026	1.0767	0.5823	
	1.7516	1.7233	1.7683	1.6593	1.7429	2.6414	4.8199	
14	1.9545	1.9807	1.9717	1.8823	1.1641	0.5823		
	1.5980	1.5825	1.6104	1.6776	2.4629	4.8183		
15	0.9640	0.9743	0.9344	0.8460	F-SUB-Q			
	2.9142	2.9618	3.0532	3.3743	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2958	1.4557	1.8306	1.5360	1.8718	1.7936	1.9670	0.9654
	2.5772	2.2881	1.8221	2.1641	1.7816	1.8599	1.7011	3.1339
9	1.4557	1.8563	1.6382	1.8688	1.7753	1.8316	1.9943	0.9771
	2.2881	1.7985	2.0319	1.7868	1.8766	1.8228	1.6792	3.1792
10	1.8306	1.6384	1.5456	1.5944	1.8210	1.8094	1.9897	0.9381
	1.8221	2.0316	2.1527	2.0913	1.8381	1.8534	1.6873	3.2388
11	1.5360	1.8690	1.5948	1.7142	1.6226	1.9311	1.9048	0.8504
	2.1641	1.7867	2.0908	1.9537	2.0643	1.7421	1.7670	3.5718
12	1.8718	1.7754	1.8214	1.6227	1.4957	1.8290	1.1761	
	1.7816	1.8766	1.8377	2.0642	2.2481	1.8442	2.6081	
13	1.7936	1.8327	1.8098	1.9315	1.8293	1.0896	0.5876	
	1.8599	1.8217	1.8529	1.7417	1.8440	2.8103	5.1349	
14	1.9670	1.9949	1.9902	1.9051	1.1765	0.5876		
	1.7011	1.6788	1.6869	1.7666	2.6074	5.1331		
15	0.9654	0.9775	0.9383	0.8505	F-SUB-Q			
	3.1339	3.1783	3.2379	3.5711	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2806	1.4398	1.8046	1.5177	1.8471	1.7770	1.9478	0.9657
	2.5760	2.2860	1.8264	2.1602	1.7796	1.8497	1.6926	3.0805
9	1.4398	1.8302	1.6177	1.8448	1.7553	1.8164	1.9761	0.9779
	2.2860	1.8029	2.0334	1.7888	1.8737	1.8131	1.6717	3.1282
10	1.8046	1.6179	1.5255	1.5771	1.8028	1.7996	1.9748	0.9419
	1.8264	2.0331	2.1555	2.0896	1.8356	1.8449	1.6814	3.1857
11	1.5177	1.8450	1.5775	1.6958	1.6112	1.9197	1.8939	0.8579
	2.1602	1.7887	2.0891	1.9558	2.0605	1.7371	1.7612	3.5031
12	1.8471	1.7554	1.8032	1.6113	1.4881	1.8194	1.1870	
	1.7796	1.8736	1.8353	2.0603	2.2476	1.8420	2.5649	
13	1.7770	1.8175	1.8001	1.9201	1.8197	1.0985	0.5920	
	1.8497	1.8121	1.8445	1.7367	1.8418	2.7746	5.1039	
14	1.9478	1.9766	1.9753	1.8942	1.1874	0.5920		
	1.6926	1.6713	1.6810	1.7609	2.5641	5.1018		
15	0.9657	0.9783	0.9421	0.8580	F-SUB-Q			
	3.0805	3.1272	3.1848	3.5025	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2748	1.4360	1.8164	1.5159	1.8616	1.7849	1.9717	0.9554
	2.4932	2.2068	1.7541	2.0928	1.7131	1.7863	1.6226	3.0018
9	1.4360	1.8419	1.6172	1.8593	1.7592	1.8271	2.0017	0.9701
	2.2068	1.7312	1.9629	1.7212	1.8153	1.7536	1.6055	3.0394
10	1.8164	1.6174	1.5232	1.5768	1.8173	1.8153	2.0030	0.9296
	1.7541	1.9627	2.0799	2.0224	1.7704	1.7859	1.6174	3.1107
11	1.5159	1.8594	1.5771	1.7098	1.6185	1.9492	1.9224	0.8450
	2.0928	1.7211	2.0220	1.8799	1.9947	1.6720	1.6942	3.4243
12	1.8616	1.7592	1.8177	1.6186	1.4961	1.8442	1.1751	
	1.7131	1.8152	1.7701	1.9946	2.1807	1.7738	2.5132	
13	1.7849	1.8282	1.8158	1.9496	1.8445	1.0861	0.5825	
	1.7863	1.7526	1.7854	1.6716	1.7736	2.7192	4.9793	
14	1.9717	2.0022	2.0035	1.9228	1.1755	0.5825		
	1.6226	1.6050	1.6170	1.6939	2.5125	4.9774		
15	0.9554	0.9705	0.9298	0.8451	F-SUB-Q			
	3.0018	3.0384	3.1098	3.4237	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2580	1.4199	1.8026	1.4998	1.8496	1.7738	1.9675	0.9447
	2.3353	2.0653	1.6329	1.9443	1.5885	1.6609	1.5029	2.7948
9	1.4199	1.8271	1.5999	1.8470	1.7438	1.8178	1.9982	0.9608
	2.0653	1.6157	1.8341	1.5983	1.6863	1.6273	1.4843	2.8219
10	1.8026	1.6001	1.5053	1.5607	1.8076	1.8100	2.0017	0.9186
	1.6329	1.8338	1.9478	1.8933	1.6504	1.6604	1.5009	2.9016
11	1.4998	1.8472	1.5611	1.6992	1.6079	1.9490	1.9228	0.8361
	1.9443	1.5982	1.8928	1.7527	1.8592	1.5482	1.5684	3.2108
12	1.8496	1.7439	1.8080	1.6080	1.4872	1.8417	1.1652	
	1.5885	1.6863	1.6501	1.8591	2.0295	1.6433	2.3439	
13	1.7738	1.8189	1.8104	1.9494	1.8420	1.0748	0.5745	
	1.6609	1.6263	1.6600	1.5479	1.6431	2.5428	4.6724	
14	1.9675	1.9988	2.0022	1.9232	1.1656	0.5745		
	1.5029	1.4840	1.5006	1.5681	2.3432	4.6705		
15	0.9447	0.9612	0.9188	0.8362	F-SUB-Q			
	2.7948	2.8210	2.9008	3.2103	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.2345	1.3948	1.7727	1.4732	1.8210	1.7496	1.9442	0.9324
	2.1971	1.9343	1.5239	1.8250	1.4894	1.5561	1.4053	2.6200
9	1.3949	1.7967	1.5718	1.8180	1.7156	1.7947	1.9751	0.9492
	1.9343	1.5098	1.7142	1.4956	1.5803	1.5220	1.3866	2.6416
10	1.7727	1.5720	1.4783	1.5337	1.7829	1.7890	1.9802	0.9093
	1.5239	1.7139	1.8214	1.7706	1.5391	1.5506	1.3951	2.7048
11	1.4732	1.8182	1.5341	1.6729	1.5848	1.9279	1.9030	0.8269
	1.8250	1.4955	1.7702	1.6494	1.7497	1.4508	1.4679	2.9896
12	1.8210	1.7157	1.7832	1.5849	1.4668	1.8210	1.1537	
	1.4894	1.5803	1.5388	1.7496	1.9144	1.5456	2.1986	
13	1.7496	1.7958	1.7895	1.9284	1.8213	1.0631	0.5672	
	1.5561	1.5210	1.5502	1.4505	1.5454	2.3914	4.4087	
14	1.9442	1.9756	1.9807	1.9034	1.1542	0.5672		
	1.4053	1.3863	1.3947	1.4677	2.1979	4.4068		
15	0.9324	0.9496	0.9095	0.8270	F-SUB-Q			
	2.6200	2.6407	2.7040	2.9891	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2051	1.3600	1.7223	1.4348	1.7699	1.7104	1.8968	0.9191
	2.2315	1.9749	1.5684	1.8799	1.5383	1.5996	1.4466	2.6742
9	1.3600	1.7449	1.5304	1.7671	1.6717	1.7546	1.9269	0.9354
	1.9749	1.5504	1.7612	1.5421	1.6269	1.5629	1.4266	2.6954
10	1.7223	1.5306	1.4390	1.4944	1.7379	1.7502	1.9334	0.8990
	1.5684	1.7610	1.8718	1.8184	1.5807	1.5817	1.4296	2.7464
11	1.4348	1.7672	1.4948	1.6265	1.5469	1.8819	1.8595	0.8206
	1.8799	1.5420	1.8180	1.6892	1.7853	1.4791	1.4946	3.0125
12	1.7699	1.6717	1.7383	1.5470	1.4333	1.7780	1.1433	
	1.5383	1.6268	1.5803	1.7852	1.9508	1.5755	2.2091	
13	1.7104	1.7557	1.7507	1.8824	1.7783	1.0522	0.5605	
	1.5996	1.5620	1.5813	1.4788	1.5752	2.4102	4.4483	
14	1.8968	1.9275	1.9339	1.8599	1.1437	0.5606		
	1.4466	1.4262	1.4293	1.4943	2.2083	4.4464		
15	0.9191	0.9358	0.8991	0.8207	F-SUB-Q			
	2.6742	2.6945	2.7456	3.0120	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1796	1.3358	1.7068	1.4104	1.7555	1.6911	1.8890	0.8925
	2.1174	1.8752	1.4791	1.7909	1.4531	1.5163	1.3611	2.5843
9	1.3358	1.7292	1.5067	1.7518	1.6489	1.7372	1.9193	0.9107
	1.8752	1.4590	1.6724	1.4559	1.5444	1.4789	1.3416	2.5975
10	1.7068	1.5069	1.4158	1.4698	1.7236	1.7348	1.9269	0.8691
	1.4791	1.6722	1.7786	1.7291	1.4907	1.4891	1.3407	2.6618
11	1.4104	1.7520	1.4702	1.6117	1.5267	1.8749	1.8536	0.7920
	1.7909	1.4558	1.7287	1.5901	1.6841	1.3825	1.3964	2.9168
12	1.7555	1.6489	1.7240	1.5268	1.4158	1.7697	1.1085	
	1.4531	1.5444	1.4904	1.6840	1.8240	1.4651	2.1162	
13	1.6911	1.7384	1.7352	1.8754	1.7700	1.0196	0.5407	
	1.5163	1.4779	1.4887	1.3821	1.4649	2.2974	4.2737	
14	1.8890	1.9199	1.9274	1.8540	1.1089	0.5407		
	1.3611	1.3413	1.3403	1.3961	2.1155	4.2718		
15	0.8925	0.9111	0.8692	0.7922	F-SUB-Q			
	2.5843	2.5966	2.6610	2.9163	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1423	1.2938	1.6533	1.3650	1.7016	1.6447	1.8375	0.8647
	2.0572	1.8261	1.4412	1.7492	1.4170	1.4739	1.3225	2.5260
9	1.2938	1.6758	1.4597	1.6975	1.5993	1.6905	1.8666	0.8829
	1.8261	1.4198	1.6300	1.4193	1.5051	1.4362	1.3036	2.5362
10	1.6533	1.4599	1.3724	1.4236	1.6742	1.6875	1.8746	0.8419
	1.4412	1.6297	1.7326	1.6858	1.4491	1.4432	1.3004	2.5990
11	1.3650	1.6977	1.4240	1.5615	1.4809	1.8218	1.8034	0.7676
	1.7492	1.4192	1.6854	1.5477	1.6350	1.3397	1.3516	2.8425
12	1.7016	1.5994	1.6745	1.4810	1.3754	1.7212	1.0754	
	1.4170	1.5050	1.4488	1.6349	1.7606	1.4141	2.0525	
13	1.6447	1.6916	1.6880	1.8223	1.7215	0.9898	0.5234	
	1.4739	1.4353	1.4428	1.3394	1.4138	2.2204	4.1515	
14	1.8375	1.8671	1.8751	1.8039	1.0758	0.5234		
	1.3225	1.3032	1.3000	1.3513	2.0518	4.1496		
15	0.8647	0.8834	0.8421	0.7677	F-SUB-Q			
	2.5260	2.5353	2.5983	2.8420	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.0905	1.2296	1.5530	1.2943	1.6004	1.5652	1.7327	0.8331
	2.0576	1.8313	1.4622	1.7599	1.4368	1.4768	1.3371	2.5050
9	1.2296	1.5764	1.3847	1.5963	1.5174	1.6082	1.7590	0.8495
	1.8313	1.4391	1.6381	1.4389	1.5132	1.4392	1.3186	2.5184
10	1.5530	1.3849	1.3048	1.3520	1.5822	1.6014	1.7662	0.8149
	1.4622	1.6378	1.7376	1.6923	1.4614	1.4478	1.3145	2.5640
11	1.2943	1.5965	1.3523	1.4688	1.4048	1.7124	1.6986	0.7446
	1.7599	1.4388	1.6918	1.5675	1.6408	1.3561	1.3653	2.7957
12	1.6004	1.5176	1.5825	1.4048	1.3071	1.6230	1.0402	
	1.4368	1.5132	1.4611	1.6407	1.7609	1.4248	2.0198	
13	1.5652	1.6092	1.6018	1.7128	1.6233	0.9599	0.5085	
	1.4768	1.4383	1.4474	1.3558	1.4245	2.1769	4.0704	
14	1.7327	1.7595	1.7667	1.6990	1.0406	0.5085		
	1.3371	1.3183	1.3142	1.3650	2.0191	4.0685		
15	0.8331	0.8499	0.8151	0.7447	F-SUB-Q			
	2.5050	2.5175	2.5633	2.7952	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0335	1.1651	1.4686	1.2275	1.5163	1.4911	1.6438	0.7809
	2.0851	1.8593	1.4874	1.7856	1.4589	1.4903	1.3554	2.5748
9	1.1651	1.4920	1.3158	1.5117	1.4442	1.5332	1.6676	0.7977
	1.8593	1.4624	1.6582	1.4616	1.5299	1.4516	1.3375	2.5838
10	1.4686	1.3160	1.2434	1.2849	1.5034	1.5219	1.6737	0.7605
	1.4874	1.6579	1.7545	1.7126	1.4790	1.4637	1.3333	2.6464
11	1.2275	1.5118	1.2853	1.3916	1.3340	1.6158	1.6064	0.6922
	1.7856	1.4615	1.7122	1.5910	1.6605	1.3810	1.3869	2.8956
12	1.5163	1.4443	1.5037	1.3341	1.2425	1.5366	0.9687	
	1.4589	1.5298	1.4787	1.6604	1.7796	1.4452	2.0851	
13	1.4911	1.5342	1.5223	1.6162	1.5369	0.8977	0.4733	
	1.4903	1.4507	1.4633	1.3807	1.4450	2.2375	4.2091	
14	1.6438	1.6681	1.6741	1.6068	0.9691	0.4733		
	1.3554	1.3371	1.3330	1.3866	2.0844	4.2075		
15	0.7809	0.7981	0.7606	0.6924	F-SUB-Q			
	2.5748	2.5829	2.6456	2.8951	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.9379	1.0566	1.3068	1.1174	1.3561	1.3509	1.4645	0.7127
	2.2324	1.9904	1.6220	1.9034	1.5822	1.5956	1.4756	2.7419
9	1.0566	1.3298	1.1932	1.3562	1.3138	1.3883	1.4877	0.7279
	1.9904	1.5922	1.7744	1.5802	1.6310	1.5545	1.4540	2.7518
10	1.3068	1.1934	1.1273	1.1725	1.3480	1.3758	1.4899	0.6919
	1.6220	1.7742	1.8809	1.8216	1.5995	1.5696	1.4524	2.8265
11	1.1174	1.3563	1.1728	1.2517	1.2106	1.4365	1.4277	0.6263
	1.9034	1.5801	1.8211	1.7161	1.7744	1.5053	1.5133	3.1112
12	1.3561	1.3139	1.3483	1.2107	1.1212	1.3659	0.8763	
	1.5822	1.6309	1.5992	1.7743	1.9131	1.5767	2.2377	
13	1.3509	1.3891	1.3761	1.4368	1.3661	0.8094	0.4271	
	1.5956	1.5535	1.5692	1.5050	1.5764	2.4101	4.5368	
14	1.4645	1.4881	1.4903	1.4280	0.8767	0.4271		
	1.4756	1.4536	1.4520	1.5129	2.2370	4.5353		
15	0.7127	0.7283	0.6920	0.6264	F-SUB-Q			
	2.7419	2.7509	2.8258	3.1107	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.7486	0.8492	1.0899	0.9095	1.1522	1.0755	1.2155	0.5844
	2.7395	2.4246	1.9012	2.2873	1.8192	1.9589	1.7376	3.2758
9	0.8492	1.1315	0.9435	1.1692	1.0654	1.1088	1.2480	0.6029
	2.4246	1.8278	2.1947	1.7878	1.9627	1.9014	1.6932	3.2535
10	1.0899	0.9437	0.8824	0.9552	1.1576	1.0975	1.2351	0.5664
	1.9012	2.1944	2.3536	2.1856	1.8181	1.9225	1.7119	3.3812
11	0.9095	1.1693	0.9554	1.0711	0.9611	1.2145	1.1303	0.5007
	2.2873	1.7877	2.1852	1.9585	2.1845	1.7362	1.8686	3.8138
12	1.1522	1.0654	1.1578	0.9612	0.8730	1.0819	0.7064	
	1.8192	1.9627	1.8179	2.1843	2.4037	1.9467	2.7179	
13	1.0755	1.1094	1.0978	1.2146	1.0821	0.6362	0.3397	
	1.9589	1.9004	1.9221	1.7359	1.9464	3.0037	5.5961	
14	1.2155	1.2483	1.2354	1.1305	0.7067	0.3396		
	1.7376	1.6928	1.7116	1.8682	2.7170	5.5947		
15	0.5844	0.6031	0.5665	0.5007	F-SUB-Q			
	3.2758	3.2525	3.3804	3.8132	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.3332	0.3737	0.4555	0.4052	0.4851	0.4230	0.4597	0.2422
	6.0615	5.4218	4.4724	5.0489	4.2418	4.8877	4.5117	7.7801
9	0.3737	0.4393	0.3875	0.4733	0.4282	0.4326	0.4594	0.2486
	5.4218	4.6241	5.2549	4.3342	4.7927	4.7823	4.5155	7.7635
10	0.4555	0.3875	0.3626	0.4040	0.4742	0.4270	0.4518	0.2354
	4.4724	5.2544	5.6314	5.0786	4.3540	4.8480	4.5949	8.0074
11	0.4052	0.4733	0.4041	0.4438	0.3959	0.4671	0.4201	0.2051
	5.0489	4.3339	5.0777	4.6396	5.2085	4.4314	4.9411	9.1716
12	0.4851	0.4283	0.4743	0.3959	0.3540	0.4056	0.2858	
	4.2418	4.7925	4.3533	5.2081	5.8210	5.1055	6.6115	
13	0.4230	0.4328	0.4271	0.4672	0.4056	0.2594	0.1433	
	4.8877	4.7805	4.8469	4.4307	5.1046	7.2532	13.0790	
14	0.4597	0.4595	0.4519	0.4202	0.2859	0.1434		
	4.5117	4.5147	4.5939	4.9401	6.6097	13.0670		
15	0.2422	0.2487	0.2355	0.2051	F-SUB-Q			
	7.7801	7.7620	8.0053	9.1699	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.3112	0.4055	0.5107	0.4720	0.5471	0.4801	0.5005	0.2800
	5.2569	5.1077	4.0883	4.3648	3.8073	4.2885	4.2211	6.7589
9	0.4055	0.4772	0.4479	0.5334	0.4900	0.4825	0.4958	0.2838
	5.1077	4.4271	4.6263	3.9110	4.1835	4.2845	4.2589	6.8296
10	0.5107	0.4479	0.4265	0.4626	0.5169	0.4580	0.4715	0.2656
	4.0883	4.6262	4.9158	4.4746	4.0255	4.4666	4.3949	7.0267
11	0.4720	0.5334	0.4627	0.4760	0.4040	0.4551	0.4236	0.2227
	4.3648	3.9108	4.4741	4.4203	4.9719	4.4680	4.8595	8.2571
12	0.5471	0.4900	0.5169	0.4040	0.3029	0.3481	0.2712	
	3.8073	4.1832	4.0251	4.9713	5.2953	4.9567	6.4051	
13	0.4801	0.4827	0.4581	0.4552	0.3482	0.2047	0.1359	
	4.2885	4.2834	4.4658	4.4674	4.9559	6.5961	11.4293	
14	0.5005	0.4959	0.4716	0.4236	0.2712	0.1360		
	4.2211	4.2582	4.3941	4.8587	6.4034	11.4190		
15	0.2800	0.2839	0.2657	0.2228	F-SUB-Q			
	6.7589	6.8285	7.0251	8.2558	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6508	0.8547	1.0924	0.9839	1.1641	1.0977	1.1769	0.6422
	2.6756	2.4878	1.9599	2.1520	1.8390	1.9220	1.8437	3.0293
9	0.8547	1.1003	0.9997	1.1848	1.1138	1.1114	1.1966	0.6461
	2.4878	1.9560	2.1224	1.8086	1.8932	1.9133	1.8000	3.0610
10	1.0924	0.9998	0.9534	1.0058	1.1282	1.0536	1.1451	0.6065
	1.9599	2.1223	2.2547	2.1069	1.8926	1.9958	1.8567	3.1523
11	0.9839	1.1848	1.0060	1.0356	0.8988	1.0580	0.9956	0.5188
	2.1520	1.8085	2.1066	2.0702	2.2587	1.9541	2.1176	3.6439
12	1.1641	1.1138	1.1284	0.8989	0.6628	0.8267	0.6330	
	1.8390	1.8931	1.8924	2.2584	2.4067	2.1254	2.8023	
13	1.0977	1.1119	1.0538	1.0581	0.8268	0.4752	0.3132	
	1.9220	1.9126	1.9954	1.9539	2.1252	2.9192	5.0762	
14	1.1769	1.1968	1.1453	0.9957	0.6332	0.3131		
	1.8437	1.7997	1.8564	2.1173	2.8017	5.0744		
15	0.6422	0.6463	0.6066	0.5189	F-SUB-Q			
	3.0293	3.0604	3.1516	3.6434	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8088	1.0481	1.3186	1.2005	1.3910	1.3504	1.4109	0.7865
	2.2634	2.0743	1.6561	1.8010	1.5682	1.5899	1.5472	2.4912
9	1.0481	1.3079	1.2398	1.3766	1.3556	1.3631	1.4235	0.7846
	2.0743	1.6750	1.7443	1.5878	1.5873	1.5836	1.5310	2.5512
10	1.3186	1.2399	1.1887	1.2207	1.3191	1.2959	1.3722	0.7471
	1.6561	1.7442	1.8254	1.7695	1.6564	1.6531	1.5780	2.6052
11	1.2005	1.3766	1.2209	1.2075	1.1143	1.2606	1.2342	0.6509
	1.8010	1.5877	1.7693	1.8110	1.8532	1.6837	1.7439	2.9651
12	1.3910	1.3556	1.3193	1.1144	0.8281	1.0240	0.7906	
	1.5682	1.5872	1.6563	1.8531	1.9749	1.7532	2.2888	
13	1.3504	1.3638	1.2962	1.2608	1.0241	0.6064	0.3941	
	1.5899	1.5829	1.6527	1.6835	1.7530	2.3630	4.1275	
14	1.4109	1.4238	1.3724	1.2344	0.7908	0.3941		
	1.5472	1.5307	1.5777	1.7436	2.2883	4.1265		
15	0.7865	0.7849	0.7472	0.6509	F-SUB-Q			
	2.4912	2.5506	2.6046	2.9646	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8932	1.1618	1.5074	1.3345	1.5900	1.5097	1.6189	0.8588
	2.1096	1.9185	1.4841	1.6591	1.4030	1.4502	1.3733	2.3227
9	1.1618	1.4939	1.3805	1.5752	1.5144	1.5244	1.6327	0.8600
	1.9185	1.5013	1.6041	1.4204	1.4543	1.4449	1.3608	2.3733
10	1.5074	1.3806	1.3187	1.3548	1.4998	1.4535	1.5783	0.8148
	1.4841	1.6040	1.6829	1.6321	1.4919	1.5067	1.4021	2.4408
11	1.3345	1.5753	1.3551	1.3712	1.2463	1.4535	1.4193	0.7109
	1.6591	1.4203	1.6318	1.6326	1.6958	1.4969	1.5503	2.7796
12	1.5900	1.5144	1.4999	1.2464	0.9209	1.1774	0.8701	
	1.4030	1.4542	1.4917	1.6957	1.8151	1.5672	2.1324	
13	1.5097	1.5253	1.4538	1.4537	1.1775	0.6680	0.4295	
	1.4502	1.4442	1.5064	1.4967	1.5671	2.2164	3.8969	
14	1.6189	1.6331	1.5786	1.4195	0.8704	0.4294		
	1.3733	1.3605	1.4018	1.5501	2.1320	3.8964		
15	0.8588	0.8603	0.8149	0.7110	F-SUB-Q			
	2.3227	2.3728	2.4402	2.7792	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9358	1.2158	1.5980	1.3987	1.6871	1.5826	1.7235	0.8996
	2.0979	1.8906	1.4408	1.6263	1.3581	1.4215	1.3244	2.2787
9	1.2158	1.5823	1.4446	1.6785	1.5908	1.5998	1.7390	0.9036
	1.8906	1.4614	1.5782	1.3698	1.4215	1.4153	1.3124	2.3222
10	1.5980	1.4448	1.3737	1.4208	1.5941	1.5298	1.6848	0.8581
	1.4408	1.5781	1.6649	1.6003	1.4386	1.4686	1.3471	2.3822
11	1.3987	1.6785	1.4211	1.4505	1.3155	1.5589	1.5185	0.7480
	1.6263	1.3698	1.6000	1.5838	1.6575	1.4387	1.4867	2.7076
12	1.6871	1.5909	1.5943	1.3156	0.9729	1.2603	0.9217	
	1.3581	1.4215	1.4384	1.6574	1.7844	1.5172	2.0807	
13	1.5826	1.6007	1.5302	1.5592	1.2605	0.7048	0.4505	
	1.4215	1.4147	1.4682	1.4385	1.5170	2.1836	3.8572	
14	1.7235	1.7394	1.6851	1.5187	0.9220	0.4504		
	1.3244	1.3122	1.3468	1.4865	2.0803	3.8566		
15	0.8996	0.9039	0.8582	0.7481	F-SUB-Q			
	2.2787	2.3216	2.3816	2.7073	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9627	1.2509	1.6434	1.4309	1.7348	1.6186	1.7774	0.9243
	2.1346	1.9031	1.4486	1.6416	1.3608	1.4286	1.3203	2.2816
9	1.2509	1.6265	1.4761	1.7329	1.6296	1.6385	1.7948	0.9303
	1.9031	1.4700	1.5963	1.3696	1.4320	1.4203	1.3071	2.3198
10	1.6434	1.4762	1.4002	1.4566	1.6480	1.5718	1.7440	0.8852
	1.4486	1.5962	1.6867	1.6134	1.4369	1.4752	1.3417	2.3780
11	1.4309	1.7330	1.4569	1.4933	1.3576	1.6215	1.5758	0.7747
	1.6416	1.3695	1.6131	1.5802	1.6660	1.4325	1.4855	2.7069
12	1.7348	1.6296	1.6482	1.3577	1.0097	1.3121	0.9600	
	1.3608	1.4320	1.4367	1.6659	1.8060	1.5240	2.0812	
13	1.6186	1.6393	1.5722	1.6217	1.3122	0.7339	0.4668	
	1.4286	1.4197	1.4749	1.4323	1.5239	2.2078	3.9100	
14	1.7774	1.7952	1.7443	1.5760	0.9602	0.4667		
	1.3203	1.3068	1.3415	1.4853	2.0808	3.9093		
15	0.9243	0.9306	0.8853	0.7748	F-SUB-Q			
	2.2816	2.3193	2.3774	2.7066	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9844	1.2732	1.6891	1.4584	1.7811	1.6516	1.8305	0.9363
	2.1808	1.9447	1.4750	1.6817	1.3806	1.4542	1.3305	2.3368
9	1.2732	1.6741	1.5061	1.7865	1.6651	1.6746	1.8499	0.9450
	1.9447	1.4972	1.6368	1.3867	1.4620	1.4446	1.3166	2.3719
10	1.6891	1.5062	1.4263	1.4896	1.7059	1.6129	1.8044	0.8984
	1.4750	1.6367	1.7324	1.6501	1.4523	1.5008	1.3525	2.4402
11	1.4584	1.7866	1.4899	1.5481	1.4013	1.6882	1.6366	0.7859
	1.6817	1.3866	1.6499	1.5823	1.6823	1.4309	1.4958	2.7935
12	1.7811	1.6651	1.7062	1.4014	1.0439	1.3730	0.9861	
	1.3806	1.4619	1.4521	1.6822	1.8382	1.5384	2.1276	
13	1.6516	1.6755	1.6133	1.6885	1.3732	0.7597	0.4796	
	1.4542	1.4439	1.5005	1.4307	1.5383	2.2718	4.0374	
14	1.8305	1.8503	1.8048	1.6368	0.9863	0.4796		
	1.3305	1.3164	1.3522	1.4956	2.1272	4.0364		
15	0.9363	0.9453	0.8986	0.7860	F-SUB-Q			
	2.3368	2.3714	2.4397	2.7931	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0203	1.2964	1.7180	1.4740	1.8081	1.6690	1.8602	0.9442
	2.2625	2.0141	1.5365	1.7555	1.4328	1.5109	1.3737	2.4310
9	1.2964	1.7081	1.5249	1.8184	1.6856	1.6950	1.8826	0.9552
	2.0141	1.5604	1.7115	1.4377	1.5226	1.4991	1.3585	2.4637
10	1.7180	1.5251	1.4426	1.5117	1.7459	1.6406	1.8434	0.9090
	1.5365	1.7114	1.8136	1.7208	1.5030	1.5581	1.3964	2.5390
11	1.4740	1.8185	1.5121	1.5926	1.4429	1.7435	1.6841	0.7981
	1.7555	1.4377	1.7205	1.6187	1.7262	1.4587	1.5273	2.9127
12	1.8081	1.6857	1.7461	1.4430	1.0947	1.4399	1.0185	
	1.4328	1.5226	1.5028	1.7261	1.8892	1.5724	2.1837	
13	1.6690	1.6958	1.6410	1.7437	1.4401	0.8064	0.4984	
	1.5109	1.4984	1.5577	1.4585	1.5723	2.3478	4.1754	
14	1.8602	1.8829	1.8438	1.6843	1.0188	0.4983		
	1.3737	1.3583	1.3961	1.5272	2.1833	4.1742		
15	0.9442	0.9555	0.9091	0.7981	F-SUB-Q			
	2.4310	2.4631	2.5385	2.9123	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1072	1.3288	1.7487	1.4880	1.8351	1.6848	1.8884	0.9479
	2.3788	2.0996	1.6160	1.8524	1.5012	1.5860	1.4332	2.5634
9	1.3288	1.7484	1.5445	1.8498	1.7052	1.7146	1.9139	0.9614
	2.0996	1.6193	1.8074	1.5057	1.6020	1.5718	1.4164	2.5933
10	1.7487	1.5446	1.4604	1.5336	1.7882	1.6681	1.8827	0.9135
	1.6160	1.8072	1.9160	1.8135	1.5675	1.6342	1.4564	2.6839
11	1.4880	1.8499	1.5339	1.6442	1.4927	1.8044	1.7351	0.8071
	1.8524	1.5057	1.8132	1.6750	1.7940	1.5055	1.5737	3.0785
12	1.8351	1.7052	1.7884	1.4928	1.1958	1.5458	1.0532	
	1.5012	1.6019	1.5673	1.7939	1.9695	1.6283	2.2809	
13	1.6848	1.7155	1.6685	1.8047	1.5460	0.8885	0.5211	
	1.5860	1.5711	1.6339	1.5054	1.6281	2.4614	4.3805	
14	1.8884	1.9143	1.8830	1.7353	1.0534	0.5210		
	1.4332	1.4161	1.4561	1.5735	2.2804	4.3793		
15	0.9479	0.9618	0.9137	0.8072	F-SUB-Q			
	2.5634	2.5927	2.6834	3.0782	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1768	1.3456	1.7421	1.4828	1.8213	1.6746	1.8748	0.9541
	2.5207	2.2270	1.7462	1.9940	1.6203	1.7035	1.5408	2.7180
9	1.3456	1.7510	1.5409	1.8395	1.6981	1.7068	1.9023	0.9688
	2.2270	1.7251	1.9493	1.6249	1.7247	1.6875	1.5220	2.7471
10	1.7421	1.5411	1.4570	1.5344	1.7893	1.6762	1.8798	0.9266
	1.7462	1.9492	2.0544	1.9400	1.6641	1.7306	1.5649	2.8312
11	1.4828	1.8396	1.5347	1.6618	1.5219	1.8267	1.7487	0.8241
	1.9940	1.6248	1.9397	1.7724	1.8967	1.5917	1.6633	3.2010
12	1.8213	1.6982	1.7895	1.5219	1.3347	1.6266	1.0957	
	1.6203	1.7246	1.6639	1.8965	2.1002	1.7361	2.3748	
13	1.6746	1.7077	1.6765	1.8269	1.6267	0.9704	0.5491	
	1.7035	1.6867	1.7303	1.5915	1.7360	2.5842	4.5889	
14	1.8748	1.9027	1.8801	1.7489	1.0960	0.5491		
	1.5408	1.5218	1.5647	1.6631	2.3744	4.5873		
15	0.9541	0.9691	0.9268	0.8241	F-SUB-Q			
	2.7180	2.7465	2.8307	3.2007	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2046	1.3689	1.7779	1.4959	1.8553	1.6932	1.9114	0.9503
	2.6708	2.3533	1.8292	2.1299	1.7126	1.8088	1.6218	2.9242
9	1.3689	1.7942	1.5612	1.8774	1.7196	1.7294	1.9423	0.9683
	2.3533	1.8045	2.0551	1.7160	1.8342	1.7887	1.6005	2.9474
10	1.7779	1.5614	1.4752	1.5552	1.8362	1.7129	1.9264	0.9230
	1.8292	2.0550	2.1646	2.0428	1.7319	1.8099	1.6315	3.0533
11	1.4959	1.8774	1.5555	1.7155	1.5649	1.8918	1.8028	0.8218
	2.1299	1.7159	2.0424	1.8452	1.9860	1.6522	1.7280	3.4241
12	1.8553	1.7196	1.8365	1.5649	1.4002	1.7096	1.1110	
	1.7126	1.8341	1.7317	1.9859	2.1948	1.8008	2.5253	
13	1.6932	1.7303	1.7132	1.8920	1.7098	1.0037	0.5583	
	1.8088	1.7879	1.8096	1.6520	1.8007	2.7515	4.8970	
14	1.9114	1.9426	1.9267	1.8030	1.1113	0.5582		
	1.6218	1.6002	1.6312	1.7278	2.5247	4.8954		
15	0.9503	0.9687	0.9232	0.8219	F-SUB-Q			
	2.9242	2.9467	3.0527	3.4238	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2140	1.3743	1.7845	1.4952	1.8594	1.6928	1.9175	0.9491
	2.7246	2.3903	1.8583	2.1936	1.7840	1.9281	1.7356	3.1472
9	1.3743	1.8038	1.5626	1.8837	1.7208	1.7314	1.9502	0.9690
	2.3903	1.8383	2.0956	1.7621	1.8978	1.8984	1.7074	3.1662
10	1.7845	1.5628	1.4758	1.5583	1.8485	1.7253	1.9396	0.9248
	1.8583	2.0954	2.2236	2.1041	1.7973	1.9042	1.7174	3.2492
11	1.4952	1.8838	1.5587	1.7323	1.5798	1.9161	1.8230	0.8251
	2.1936	1.7620	2.1038	1.9155	2.0785	1.7356	1.8268	3.6350
12	1.8594	1.7208	1.8487	1.5798	1.4220	1.7414	1.1250	
	1.7840	1.8977	1.7971	2.0784	2.3222	1.9100	2.6805	
13	1.6928	1.7324	1.7256	1.9163	1.7416	1.0222	0.5660	
	1.9281	1.8975	1.9039	1.7354	1.9099	2.9292	5.2207	
14	1.9175	1.9506	1.9399	1.8232	1.1253	0.5660		
	1.7356	1.7071	1.7171	1.8266	2.6799	5.2188		
15	0.9491	0.9694	0.9250	0.8251	F-SUB-Q			
	3.1472	3.1654	3.2486	3.6347	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.8214 to 3.5735. Includes F-SUB-Q and M-SUB-Q values at the bottom.

AT 75% POWER, 225 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.8214 to 3.5089. Includes F-SUB-Q and M-SUB-Q values at the bottom.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1965	1.3579	1.7772	1.4732	1.8501	1.6764	1.9217	0.9317
	2.4342	2.1243	1.6434	1.9582	1.5846	1.7238	1.5356	2.8101
9	1.3579	1.7996	1.5422	1.8799	1.7039	1.7205	1.9582	0.9559
	2.1243	1.6266	1.8667	1.5634	1.6978	1.6957	1.5115	2.8126
10	1.7772	1.5425	1.4526	1.5406	1.8529	1.7309	1.9564	0.9087
	1.6434	1.8666	1.9858	1.8838	1.6017	1.7045	1.5238	2.9041
11	1.4732	1.8800	1.5409	1.7367	1.5786	1.9401	1.8473	0.8152
	1.9582	1.5633	1.8835	1.7096	1.8655	1.5455	1.6228	3.2434
12	1.8501	1.7040	1.8531	1.5786	1.4254	1.7680	1.1236	
	1.5846	1.6978	1.6016	1.8654	2.0864	1.6968	2.4003	
13	1.6764	1.7214	1.7312	1.9403	1.7681	1.0193	0.5595	
	1.7238	1.6950	1.7043	1.5453	1.6967	2.6357	4.7162	
14	1.9217	1.9585	1.9567	1.8475	1.1239	0.5595		
	1.5356	1.5112	1.5236	1.6227	2.3998	4.7143		
15	0.9317	0.9563	0.9088	0.8152	F-SUB-Q			
	2.8101	2.8119	2.9036	3.2432	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1838	1.3440	1.7610	1.4573	1.8321	1.6616	1.9079	0.9242
	2.2324	1.9564	1.5166	1.8126	1.4654	1.5957	1.4188	2.6027
9	1.3440	1.7838	1.5257	1.8628	1.6872	1.7062	1.9446	0.9490
	1.9564	1.4967	1.7265	1.4445	1.5707	1.5678	1.3952	2.6010
10	1.7610	1.5259	1.4362	1.5241	1.8375	1.7188	1.9443	0.9047
	1.5166	1.7263	1.8386	1.7430	1.4773	1.5681	1.4034	2.6743
11	1.4573	1.8629	1.5245	1.7209	1.5643	1.9278	1.8368	0.8101
	1.8126	1.4445	1.7427	1.5734	1.7180	1.4196	1.4884	2.9861
12	1.8321	1.6873	1.8377	1.5643	1.4134	1.7571	1.1184	
	1.4654	1.5707	1.4772	1.7179	1.9248	1.5610	2.2020	
13	1.6616	1.7071	1.7191	1.9280	1.7573	1.0137	0.5554	
	1.5957	1.5671	1.5679	1.4195	1.5609	2.4256	4.3467	
14	1.9079	1.9450	1.9446	1.8370	1.1187	0.5554		
	1.4188	1.3950	1.4033	1.4883	2.2015	4.3448		
15	0.9242	0.9494	0.9048	0.8102	F-SUB-Q			
	2.6027	2.6003	2.6738	2.9860	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1728	1.3230	1.7275	1.4332	1.7957	1.6358	1.8746	0.9175
	2.2417	1.9796	1.5384	1.8384	1.4911	1.6188	1.4415	2.6213
9	1.3230	1.7498	1.4986	1.8258	1.6582	1.6794	1.9103	0.9418
	1.9796	1.5193	1.7505	1.4684	1.5935	1.5899	1.4170	2.6192
10	1.7276	1.4988	1.4097	1.4978	1.8020	1.6932	1.9114	0.9002
	1.5384	1.7504	1.8675	1.7681	1.5015	1.5859	1.4220	2.6818
11	1.4332	1.8259	1.4981	1.6857	1.5383	1.8952	1.8075	0.8089
	1.8384	1.4683	1.7678	1.5991	1.7381	1.4361	1.5044	2.9835
12	1.7957	1.6582	1.8022	1.5383	1.3908	1.7282	1.1163	
	1.4911	1.5934	1.5014	1.7381	1.9382	1.5724	2.1911	
13	1.6358	1.6803	1.6935	1.8955	1.7284	1.0104	0.5531	
	1.6188	1.5892	1.5857	1.4360	1.5722	2.4091	4.3318	
14	1.8746	1.9107	1.9117	1.8077	1.1167	0.5532		
	1.4415	1.4168	1.4218	1.5043	2.1906	4.3295		
15	0.9175	0.9422	0.9003	0.8090	F-SUB-Q			
	2.6213	2.6186	2.6814	2.9833	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1523	1.3117	1.7285	1.4201	1.7965	1.6286	1.8819	0.8981
	2.1136	1.8548	1.4307	1.7295	1.3891	1.5166	1.3390	2.5004
9	1.3117	1.7520	1.4889	1.8275	1.6491	1.6747	1.9183	0.9244
	1.8548	1.4095	1.6402	1.3665	1.4940	1.4866	1.3153	2.4911
10	1.7285	1.4892	1.3987	1.4856	1.8026	1.6904	1.9202	0.8772
	1.4307	1.6400	1.7528	1.6595	1.3961	1.4767	1.3169	2.5660
11	1.4201	1.8276	1.4859	1.6833	1.5301	1.9040	1.8155	0.7876
	1.7295	1.3664	1.6592	1.4900	1.6255	1.3302	1.3921	2.8509
12	1.7965	1.6491	1.8028	1.5301	1.3839	1.7336	1.0912	
	1.3891	1.4939	1.3960	1.6254	1.8057	1.4555	2.0852	
13	1.6286	1.6757	1.6906	1.9042	1.7337	0.9868	0.5374	
	1.5166	1.4859	1.4765	1.3300	1.4554	2.2898	4.1480	
14	1.8819	1.9187	1.9205	1.8157	1.0915	0.5374		
	1.3390	1.3150	1.3167	1.3919	2.0848	4.1461		
15	0.8981	0.9248	0.8773	0.7877	F-SUB-Q			
	2.5004	2.4904	2.5656	2.8508	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 6 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1283	1.2848	1.6935	1.3889	1.7591	1.5988	1.8489	0.8786
	2.0253	1.7804	1.3732	1.6650	1.3351	1.4546	1.2827	2.4100
9	1.2848	1.7176	1.4579	1.7883	1.6153	1.6448	1.8842	0.9049
	1.7804	1.3507	1.5763	1.3136	1.4356	1.4248	1.2600	2.3988
10	1.6935	1.4581	1.3688	1.4532	1.7641	1.6602	1.8869	0.8581
	1.3732	1.5761	1.6857	1.5962	1.3412	1.4123	1.2596	2.4713
11	1.3889	1.7884	1.4535	1.6456	1.4985	1.8701	1.7846	0.7708
	1.6650	1.3135	1.5959	1.4321	1.5582	1.2704	1.3288	2.7413
12	1.7591	1.6153	1.7643	1.4985	1.3569	1.7032	1.0694	
	1.3351	1.4356	1.3410	1.5582	1.7243	1.3880	1.9956	
13	1.5988	1.6458	1.6605	1.8704	1.7033	0.9671	0.5253	
	1.4546	1.4241	1.4121	1.2703	1.3879	2.1904	3.9847	
14	1.8489	1.8846	1.8872	1.7848	1.0697	0.5253		
	1.2827	1.2598	1.2594	1.3287	1.9951	3.9830		
15	0.8786	0.9053	0.8582	0.7708	F-SUB-Q			
	2.4100	2.3981	2.4708	2.7412	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 5 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0963	1.2362	1.6115	1.3331	1.6721	1.5388	1.7631	0.8556
	1.9865	1.7588	1.3707	1.6494	1.3345	1.4365	1.2778	2.3565
9	1.2362	1.6349	1.3986	1.6966	1.5491	1.5812	1.7951	0.8796
	1.7588	1.3477	1.5618	1.3153	1.4221	1.4087	1.2561	2.3494
10	1.6115	1.3988	1.3147	1.3942	1.6748	1.5938	1.7983	0.8395
	1.3707	1.5616	1.6689	1.5812	1.3412	1.3963	1.2544	2.4042
11	1.3331	1.6967	1.3945	1.5643	1.4361	1.7796	1.7019	0.7554
	1.6494	1.3152	1.5809	1.4309	1.5435	1.2661	1.3214	2.6606
12	1.6721	1.5491	1.6750	1.4361	1.3036	1.6255	1.0464	
	1.3345	1.4220	1.3411	1.5435	1.7022	1.3782	1.9359	
13	1.5388	1.5821	1.5941	1.7798	1.6257	0.9483	0.5161	
	1.4365	1.4080	1.3961	1.2659	1.3780	2.1194	3.8552	
14	1.7631	1.7954	1.7986	1.7021	1.0467	0.5161		
	1.2778	1.2559	1.2542	1.3213	1.9354	3.8534		
15	0.8556	0.8800	0.8396	0.7554	F-SUB-Q			
	2.3565	2.3487	2.4038	2.6604	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0428	* 1.1819	* 1.5388	* 1.2722	* 1.5954	* 1.4775	* 1.6872	* 0.8078
	* 2.0008	* 1.7655	* 1.3768	* 1.6581	* 1.3412	* 1.4349	* 1.2802	* 2.3984
9	* 1.1819	* 1.5626	* 1.3397	* 1.6160	* 1.4847	* 1.5194	* 1.7166	* 0.8318
	* 1.7655	* 1.3527	* 1.5642	* 1.3242	* 1.4238	* 1.4059	* 1.2589	* 2.3871
10	* 1.5388	* 1.3399	* 1.2623	* 1.3332	* 1.5939	* 1.5279	* 1.7200	* 0.7895
	* 1.3768	* 1.5640	* 1.6682	* 1.5862	* 1.3515	* 1.3957	* 1.2568	* 2.4559
11	* 1.2722	* 1.6161	* 1.3335	* 1.4906	* 1.3737	* 1.6964	* 1.6264	* 0.7086
	* 1.6581	* 1.3241	* 1.5859	* 1.4404	* 1.5470	* 1.2722	* 1.3249	* 2.7245
12	* 1.5954	* 1.4847	* 1.5941	* 1.3737	* 1.2501	* 1.5550	* 0.9837	
	* 1.3412	* 1.4237	* 1.3513	* 1.5469	* 1.7019	* 1.3803	* 1.9750	
13	* 1.4775	* 1.5203	* 1.5282	* 1.6967	* 1.5552	* 0.8952	* 0.4847	
	* 1.4350	* 1.4052	* 1.3955	* 1.2721	* 1.3802	* 2.1537	* 3.9443	
14	* 1.6872	* 1.7170	* 1.7203	* 1.6266	* 0.9840	* 0.4847		
	* 1.2802	* 1.2586	* 1.2566	* 1.3248	* 1.9746	* 3.9428		
15	* 0.8078	* 0.8322	* 0.7896	* 0.7087	* F-SUB-Q			
	* 2.3984	* 2.3864	* 2.4554	* 2.7243	* M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9519	* 1.0754	* 1.3745	* 1.1580	* 1.4285	* 1.3440	* 1.5077	* 0.7367
	* 2.1256	* 1.8796	* 1.4916	* 1.7637	* 1.4508	* 1.5262	* 1.3858	* 2.5503
9	* 1.0754	* 1.3981	* 1.2191	* 1.4443	* 1.3523	* 1.3829	* 1.5353	* 0.7580
	* 1.8796	* 1.4643	* 1.6641	* 1.4332	* 1.5125	* 1.4943	* 1.3617	* 2.5406
10	* 1.3745	* 1.2192	* 1.1507	* 1.2167	* 1.4258	* 1.3864	* 1.5356	* 0.7176
	* 1.4916	* 1.6640	* 1.7724	* 1.6825	* 1.4613	* 1.4879	* 1.3615	* 2.6203
11	* 1.1580	* 1.4444	* 1.2170	* 1.3358	* 1.2490	* 1.5113	* 1.4523	* 0.6435
	* 1.7637	* 1.4332	* 1.6822	* 1.5555	* 1.6464	* 1.3800	* 1.4355	* 2.9111
12	* 1.4285	* 1.3524	* 1.4260	* 1.2490	* 1.1356	* 1.3909	* 0.8935	
	* 1.4508	* 1.5124	* 1.4611	* 1.6464	* 1.8141	* 1.4935	* 2.1072	
13	* 1.3440	* 1.3837	* 1.3867	* 1.5115	* 1.3910	* 0.8140	* 0.4408	
	* 1.5262	* 1.4936	* 1.4877	* 1.3799	* 1.4933	* 2.2967	* 4.2125	
14	* 1.5077	* 1.5356	* 1.5359	* 1.4525	* 0.8937	* 0.4408		
	* 1.3858	* 1.3614	* 1.3613	* 1.4353	* 2.1067	* 4.2111		
15	* 0.7367	* 0.7584	* 0.7177	* 0.6435	* F-SUB-Q			
	* 2.5503	* 2.5399	* 2.6199	* 2.9109	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 225 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.7650	0.8653	1.1097	0.9343	1.1633	1.0738	1.2144	0.5994
	2.5857	2.2821	1.8037	2.1334	1.7354	1.8634	1.6773	3.0662
9	0.8653	1.1469	0.9653	1.2071	1.0907	1.1079	1.2489	0.6197
	2.2821	1.7404	2.0512	1.6722	1.8278	1.8184	1.6326	3.0384
10	1.1097	0.9654	0.9080	0.9876	1.1952	1.1062	1.2388	0.5821
	1.8037	2.0510	2.1955	2.0216	1.6986	1.8181	1.6461	3.1583
11	0.9343	1.2071	0.9878	1.1240	0.9883	1.2332	1.1408	0.5147
	2.1334	1.6721	2.0213	1.8007	2.0293	1.6475	1.7830	3.5612
12	1.1633	1.0907	1.1953	0.9883	0.8922	1.0966	0.7181	
	1.7354	1.8277	1.6985	2.0292	2.2534	1.8489	2.5626	
13	1.0738	1.1084	1.1064	1.2333	1.0967	0.6465	0.3535	
	1.8634	1.8176	1.8178	1.6474	1.8487	2.8282	5.1473	
14	1.2144	1.2491	1.2390	1.1409	0.7183	0.3534		
	1.6773	1.6324	1.6458	1.7828	2.5621	5.1461		
15	0.5994	0.6199	0.5821	0.5147	F-SUB-Q			
	3.0662	3.0377	3.1578	3.5610	M-SUB-Q			

AT 75% POWER, 225 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.3474	0.3879	0.4741	0.4218	0.5001	0.4327	0.4709	0.2517
	5.5973	5.0010	4.1440	4.6368	3.9625	4.5306	4.2421	7.1783
9	0.3879	0.4556	0.4043	0.4941	0.4461	0.4425	0.4711	0.2585
	5.0010	4.2983	4.8081	4.0024	4.3764	4.4600	4.2415	7.1570
10	0.4741	0.4043	0.3820	0.4240	0.4945	0.4400	0.4649	0.2450
	4.1440	4.8077	5.1196	4.6180	4.0162	4.4777	4.2985	7.3769
11	0.4218	0.4942	0.4241	0.4700	0.4138	0.4846	0.4352	0.2143
	4.6368	4.0022	4.6176	4.2206	4.7532	4.1107	4.5881	8.4137
12	0.5001	0.4462	0.4945	0.4138	0.3716	0.4226	0.2961	
	3.9625	4.3761	4.0159	4.7530	5.3085	4.7115	6.1103	
13	0.4327	0.4426	0.4401	0.4847	0.4226	0.2700	0.1520	
	4.5307	4.4589	4.4771	4.1103	4.7110	6.6592	11.7920	
14	0.4709	0.4712	0.4650	0.4353	0.2962	0.1520		
	4.2421	4.2409	4.2979	4.5876	6.1091	11.7819		
15	0.2517	0.2586	0.2450	0.2143	F-SUB-Q			
	7.1783	7.1559	7.3756	8.4129	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.3347	0.4391	0.5561	0.5160	0.5962	0.5251	0.5500	0.3121
	4.9170	4.8081	3.8981	4.0820	3.6330	4.0074	3.9958	6.2840
9	0.4391	0.5181	0.4885	0.5831	0.5362	0.5283	0.5451	0.3161
	4.8081	4.2290	4.3317	3.7170	3.9028	3.9979	4.0287	6.3502
10	0.5561	0.4886	0.4686	0.5082	0.5681	0.5041	0.5205	0.2964
	3.8981	4.3315	4.5661	4.1573	3.8009	4.1379	4.1382	6.5228
11	0.5160	0.5831	0.5083	0.5255	0.4468	0.5024	0.4685	0.2500
	4.0820	3.7169	4.1568	4.1495	4.5879	4.2095	4.5566	7.5949
12	0.5962	0.5362	0.5682	0.4468	0.3333	0.3854	0.3003	
	3.6330	3.9026	3.8006	4.5876	4.8445	4.6322	5.9832	
13	0.5251	0.5285	0.5042	0.5025	0.3855	0.2262	0.1544	
	4.0074	3.9970	4.1372	4.2090	4.6315	6.0750	10.2882	
14	0.5500	0.5452	0.5205	0.4685	0.3004	0.1545		
	3.9958	4.0281	4.1376	4.5560	5.9818	10.2707		
15	0.3121	0.3162	0.2964	0.2500	F-SUB-Q			
	6.2840	6.3493	6.5207	7.5936	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6729	0.8942	1.1466	1.0431	1.2256	1.1580	1.2438	0.6932
	2.5974	2.4194	1.9354	2.0712	1.8131	1.8583	1.8108	2.9019
9	0.8942	1.1485	1.0532	1.2569	1.1793	1.1748	1.2664	0.6986
	2.4194	1.9393	2.0531	1.7679	1.8216	1.8465	1.7674	2.9287
10	1.1466	1.0532	1.0092	1.0707	1.2062	1.1181	1.2162	0.6556
	1.9354	2.0531	2.1726	2.0159	1.8345	1.9146	1.8138	3.0147
11	1.0431	1.2569	1.0709	1.1126	0.9620	1.1249	1.0619	0.5628
	2.0712	1.7678	2.0156	1.9923	2.1481	1.9036	2.0539	3.4617
12	1.2256	1.1794	1.2063	0.9621	0.7052	0.8811	0.6771	
	1.8131	1.8215	1.8344	2.1479	2.2856	2.0623	2.7021	
13	1.1580	1.1753	1.1183	1.1250	0.8812	0.5034	0.3431	
	1.8583	1.8458	1.9143	1.9034	2.0621	2.7903	4.7237	
14	1.2438	1.2666	1.2163	1.0621	0.6773	0.3431		
	1.8108	1.7671	1.8135	2.0536	2.7016	4.7178		
15	0.6932	0.6988	0.6557	0.5629	F-SUB-Q			
	2.9019	2.9282	3.0137	3.4611	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8244	* 1.0837	* 1.3890	* 1.2604	* 1.4805	* 1.4067	* 1.5011	* 0.8428
	* 2.2331	* 2.0376	* 1.6255	* 1.7456	* 1.5260	* 1.5528	* 1.5075	* 2.4000
9	* 1.0837	* 1.3752	* 1.2890	* 1.4816	* 1.4228	* 1.4200	* 1.5174	* 0.8459
	* 2.0376	* 1.6440	* 1.7052	* 1.5262	* 1.5368	* 1.5464	* 1.4879	* 2.4408
10	* 1.3890	* 1.2891	* 1.2381	* 1.2869	* 1.4106	* 1.3580	* 1.4656	* 0.8037
	* 1.6255	* 1.7051	* 1.7820	* 1.7050	* 1.5954	* 1.6018	* 1.5287	* 2.4967
11	* 1.2604	* 1.4816	* 1.2872	* 1.2922	* 1.1821	* 1.3554	* 1.3071	* 0.6975
	* 1.7456	* 1.5262	* 1.7047	* 1.7296	* 1.7739	* 1.6110	* 1.6997	* 2.8440
12	* 1.4805	* 1.4229	* 1.4108	* 1.1822	* 0.8731	* 1.0815	* 0.8378	
	* 1.5260	* 1.5367	* 1.5952	* 1.7738	* 1.9031	* 1.7138	* 2.2224	
13	* 1.4067	* 1.4207	* 1.3583	* 1.3556	* 1.0816	* 0.6319	* 0.4250	
	* 1.5528	* 1.5457	* 1.6016	* 1.6108	* 1.7137	* 2.2946	* 3.8942	
14	* 1.5011	* 1.5177	* 1.4658	* 1.3073	* 0.8380	* 0.4249		
	* 1.5075	* 1.4876	* 1.5285	* 1.6995	* 2.2220	* 3.8896		
15	* 0.8428	* 0.8461	* 0.8038	* 0.6976	* F-SUB-Q			
	* 2.4000	* 2.4403	* 2.4959	* 2.8435	* M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9024	* 1.1817	* 1.5634	* 1.3830	* 1.6665	* 1.5491	* 1.6984	* 0.9102
	* 2.1054	* 1.9082	* 1.4739	* 1.6228	* 1.3820	* 1.4327	* 1.3523	* 2.2541
9	* 1.1817	* 1.5469	* 1.4158	* 1.6791	* 1.5686	* 1.5652	* 1.7200	* 0.9178
	* 1.9082	* 1.4910	* 1.5838	* 1.3733	* 1.4210	* 1.4263	* 1.3333	* 2.2854
10	* 1.5634	* 1.4159	* 1.3541	* 1.4121	* 1.5975	* 1.5007	* 1.6635	* 0.8674
	* 1.4739	* 1.5838	* 1.6598	* 1.5845	* 1.4372	* 1.4767	* 1.3713	* 2.3550
11	* 1.3830	* 1.6791	* 1.4124	* 1.4633	* 1.3072	* 1.5406	* 1.4829	* 0.7526
	* 1.6228	* 1.3733	* 1.5843	* 1.5591	* 1.6363	* 1.4457	* 1.5248	* 2.6874
12	* 1.6665	* 1.5686	* 1.5976	* 1.3073	* 0.9643	* 1.2282	* 0.9104	
	* 1.3820	* 1.4209	* 1.4371	* 1.6362	* 1.7674	* 1.5486	* 2.0901	
13	* 1.5491	* 1.5660	* 1.5010	* 1.5408	* 1.2283	* 0.6883	* 0.4565	
	* 1.4327	* 1.4257	* 1.4764	* 1.4456	* 1.5485	* 2.1774	* 3.7190	
14	* 1.6984	* 1.7203	* 1.6638	* 1.4831	* 0.9106	* 0.4564		
	* 1.3523	* 1.3331	* 1.3711	* 1.5246	* 2.0898	* 3.7151		
15	* 0.9102	* 0.9181	* 0.8675	* 0.7527	* F-SUB-Q			
	* 2.2541	* 2.2849	* 2.3542	* 2.6870	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9339	* 1.2217	* 1.6292	* 1.4284	* 1.7421	* 1.5989	* 1.7779	* 0.9408
	* 2.1148	* 1.8952	* 1.4484	* 1.6058	* 1.3511	* 1.4195	* 1.3201	* 2.2301
9	* 1.2217	* 1.6096	* 1.4596	* 1.7612	* 1.6227	* 1.6170	* 1.8034	* 0.9507
	* 1.8952	* 1.4700	* 1.5735	* 1.3385	* 1.4033	* 1.4120	* 1.3001	* 2.2571
10	* 1.6292	* 1.4597	* 1.3912	* 1.4599	* 1.6820	* 1.5556	* 1.7464	* 0.9006
	* 1.4484	* 1.5734	* 1.6559	* 1.5674	* 1.3943	* 1.4536	* 1.3330	* 2.3194
11	* 1.4284	* 1.7613	* 1.4602	* 1.5408	* 1.3607	* 1.6254	* 1.5590	* 0.7801
	* 1.6058	* 1.3385	* 1.5672	* 1.5152	* 1.6141	* 1.4060	* 1.4806	* 2.6432
12	* 1.7421	* 1.6227	* 1.6822	* 1.3608	* 1.0073	* 1.2934	* 0.9492	*
	* 1.3511	* 1.4033	* 1.3941	* 1.6140	* 1.7556	* 1.5164	* 2.0603	*
13	* 1.5989	* 1.6178	* 1.5559	* 1.6256	* 1.2935	* 0.7168	* 0.4715	*
	* 1.4195	* 1.4114	* 1.4533	* 1.4058	* 1.5163	* 2.1662	* 3.7164	*
14	* 1.7779	* 1.8037	* 1.7467	* 1.5592	* 0.9494	* 0.4714	*	*
	* 1.3201	* 1.2999	* 1.3328	* 1.4804	* 2.0600	* 3.7124	*	*
15	* 0.9408	* 0.9510	* 0.9007	* 0.7802	* F-SUB-Q			
	* 2.2301	* 2.2567	* 2.3187	* 2.6429	* M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9449	* 1.2374	* 1.6478	* 1.4407	* 1.7640	* 1.6102	* 1.8032	* 0.9523
	* 2.1682	* 1.9244	* 1.4711	* 1.6344	* 1.3684	* 1.4406	* 1.3304	* 2.2535
9	* 1.2374	* 1.6270	* 1.4689	* 1.7887	* 1.6370	* 1.6306	* 1.8310	* 0.9644
	* 1.9244	* 1.4936	* 1.6054	* 1.3522	* 1.4269	* 1.4303	* 1.3085	* 2.2753
10	* 1.6478	* 1.4690	* 1.3980	* 1.4748	* 1.7137	* 1.5731	* 1.7764	* 0.9149
	* 1.4711	* 1.6053	* 1.6906	* 1.5938	* 1.4065	* 1.4745	* 1.3429	* 2.3370
11	* 1.4407	* 1.7888	* 1.4750	* 1.5721	* 1.3816	* 1.6599	* 1.5890	* 0.7946
	* 1.6344	* 1.3522	* 1.5935	* 1.5232	* 1.6365	* 1.4152	* 1.4960	* 2.6697
12	* 1.7640	* 1.6371	* 1.7138	* 1.3817	* 1.0280	* 1.3211	* 0.9712	*
	* 1.3684	* 1.4268	* 1.4064	* 1.6364	* 1.7910	* 1.5380	* 2.0794	*
13	* 1.6102	* 1.6315	* 1.5734	* 1.6601	* 1.3213	* 0.7325	* 0.4799	*
	* 1.4406	* 1.4297	* 1.4743	* 1.4151	* 1.5379	* 2.2081	* 3.7978	*
14	* 1.8032	* 1.8313	* 1.7766	* 1.5891	* 0.9714	* 0.4798	*	*
	* 1.3304	* 1.3083	* 1.3427	* 1.4959	* 2.0791	* 3.7937	*	*
15	* 0.9523	* 0.9647	* 0.9150	* 0.7946	* F-SUB-Q			
	* 2.2535	* 2.2749	* 2.3363	* 2.6694	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9480	1.2390	1.6666	1.4466	1.7841	1.6188	1.8278	0.9509
	2.2286	1.9831	1.5108	1.6878	1.4016	1.4791	1.3535	2.3271
9	1.2390	1.6472	1.4764	1.8154	1.6481	1.6422	1.8583	0.9654
	1.9831	1.5334	1.6584	1.3812	1.4686	1.4670	1.3306	2.3457
10	1.6666	1.4765	1.4039	1.4865	1.7457	1.5889	1.8071	0.9150
	1.5108	1.6583	1.7482	1.6418	1.4338	1.5131	1.3672	2.4180
11	1.4466	1.8155	1.4867	1.6048	1.4004	1.6964	1.6204	0.7941
	1.6878	1.3812	1.6416	1.5356	1.6656	1.4276	1.5220	2.7763
12	1.7841	1.6481	1.7458	1.4004	1.0412	1.3527	0.9782	
	1.4016	1.4686	1.4337	1.6656	1.8369	1.5650	2.1425	
13	1.6188	1.6430	1.5892	1.6966	1.3528	0.7402	0.4826	
	1.4791	1.4664	1.5129	1.4275	1.5650	2.2874	3.9483	
14	1.8278	1.8585	1.8074	1.6206	0.9784	0.4825		
	1.3535	1.3304	1.3670	1.5219	2.1422	3.9437		
15	0.9509	0.9657	0.9150	0.7942	F-SUB-Q			
	2.3271	2.3452	2.4172	2.7759	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9555	1.2419	1.6721	1.4440	1.7873	1.6152	1.8329	0.9472
	2.3194	2.0618	1.5825	1.7720	1.4647	1.5464	1.4072	2.4355
9	1.2419	1.6563	1.4758	1.8239	1.6476	1.6413	1.8656	0.9638
	2.0618	1.6061	1.7430	1.4408	1.5387	1.5325	1.3827	2.4512
10	1.6721	1.4760	1.4026	1.4896	1.7612	1.5937	1.8201	0.9140
	1.5825	1.7428	1.8389	1.7210	1.4932	1.5815	1.4217	2.5312
11	1.4440	1.8239	1.4899	1.6238	1.4152	1.7205	1.6399	0.7954
	1.7720	1.4408	1.7207	1.5780	1.7184	1.4653	1.5644	2.9128
12	1.7873	1.6476	1.7613	1.4152	1.0585	1.3819	0.9908	
	1.4647	1.5386	1.4931	1.7183	1.8959	1.6086	2.2108	
13	1.6152	1.6422	1.5940	1.7207	1.3820	0.7574	0.4901	
	1.5464	1.5318	1.5812	1.4652	1.6085	2.3737	4.0999	
14	1.8329	1.8659	1.8203	1.6401	0.9910	0.4900		
	1.4072	1.3825	1.4215	1.5642	2.2105	4.0950		
15	0.9472	0.9641	0.9141	0.7955	F-SUB-Q			
	2.4355	2.4507	2.5305	2.9124	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9864	1.2502	1.6843	1.4428	1.7944	1.6134	1.8406	0.9414
	2.4411	2.1546	1.6699	1.8769	1.5424	1.6306	1.4751	2.5789
9	1.2502	1.6764	1.4799	1.8366	1.6499	1.6426	1.8759	0.9604
	2.1546	1.6676	1.8463	1.5146	1.6253	1.6145	1.4488	2.5910
10	1.6843	1.4800	1.4070	1.4961	1.7834	1.6021	1.8375	0.9093
	1.6699	1.8462	1.9486	1.8197	1.5599	1.6612	1.4903	2.6869
11	1.4428	1.8367	1.4963	1.6551	1.4412	1.7552	1.6676	0.7957
	1.8769	1.5146	1.8194	1.6379	1.7924	1.5193	1.6200	3.0923
12	1.7944	1.6499	1.7835	1.4412	1.1023	1.4357	1.0086	
	1.5424	1.6253	1.5598	1.7923	1.9829	1.6720	2.3175	
13	1.6134	1.6434	1.6024	1.7553	1.4358	0.7978	0.5033	
	1.6306	1.6138	1.6610	1.5192	1.6719	2.4954	4.3145	
14	1.8406	1.8762	1.8377	1.6677	1.0088	0.5033		
	1.4751	1.4486	1.4901	1.6199	2.3171	4.3093		
15	0.9414	0.9607	0.9094	0.7958	F-SUB-Q			
	2.5789	2.5905	2.6860	3.0920	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0704	1.2693	1.6687	1.4296	1.7695	1.5931	1.8135	0.9416
	2.5785	2.2822	1.7996	2.0216	1.6672	1.7536	1.5893	2.7394
9	1.2693	1.6708	1.4684	1.8148	1.6338	1.6236	1.8503	0.9609
	2.2822	1.7760	1.9864	1.6362	1.7521	1.7366	1.5604	2.7498
10	1.6687	1.4686	1.3988	1.4882	1.7728	1.5991	1.8209	0.9158
	1.7996	1.9863	2.0716	1.9425	1.6546	1.7587	1.6053	2.8401
11	1.4296	1.8149	1.4884	1.6602	1.4608	1.7667	1.6689	0.8063
	2.0216	1.6362	1.9423	1.7347	1.8980	1.6100	1.7156	3.2220
12	1.7695	1.6338	1.7730	1.4608	1.1968	1.5030	1.0443	
	1.6672	1.7520	1.6545	1.8979	2.1149	1.7856	2.4167	
13	1.5931	1.6244	1.5993	1.7668	1.5031	0.8835	0.5293	
	1.7536	1.7359	1.7585	1.6099	1.7855	2.6212	4.5218	
14	1.8135	1.8506	1.8211	1.6690	1.0445	0.5293		
	1.5893	1.5601	1.6051	1.7155	2.4163	4.5159		
15	0.9416	0.9612	0.9159	0.8063	F-SUB-Q			
	2.7394	2.7492	2.8393	3.2217	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1228	1.2854	1.6966	1.4350	1.7916	1.6002	1.8371	0.9317
	2.7356	2.4119	1.8854	2.1612	1.7656	1.8652	1.6758	2.9509
9	1.2854	1.7095	1.4826	1.8441	1.6476	1.6347	1.8768	0.9551
	2.4119	1.8574	2.0942	1.7222	1.8597	1.8445	1.6442	2.9548
10	1.6966	1.4828	1.4135	1.5031	1.8131	1.6271	1.8548	0.9078
	1.8854	2.0941	2.1831	2.0455	1.7249	1.8421	1.6747	3.0658
11	1.4350	1.8441	1.5034	1.7148	1.5008	1.8284	1.7144	0.8012
	2.1612	1.7221	2.0453	1.8066	1.9895	1.6735	1.7854	3.4477
12	1.7916	1.6476	1.8132	1.5008	1.3195	1.6058	1.0601	
	1.7656	1.8596	1.7247	1.9895	2.2144	1.8547	2.5726	
13	1.6002	1.6355	1.6273	1.8285	1.6059	0.9390	0.5411	
	1.8652	1.8437	1.8419	1.6734	1.8546	2.7936	4.8315	
14	1.8371	1.8771	1.8550	1.7145	1.0603	0.5410		
	1.6758	1.6440	1.6746	1.7853	2.5722	4.8257		
15	0.9317	0.9554	0.9079	0.8012	F-SUB-Q			
	2.9509	2.9542	3.0649	3.4474	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1431	1.2946	1.7016	1.4315	1.7909	1.5943	1.8354	0.9276
	2.7969	2.4565	1.9218	2.2250	1.8298	1.9864	1.7913	3.1748
9	1.2946	1.7207	1.4831	1.8478	1.6482	1.6309	1.8770	0.9527
	2.4565	1.8969	2.1411	1.7720	1.9198	1.9544	1.7518	3.1716
10	1.7016	1.4832	1.4151	1.5051	1.8255	1.6364	1.8616	0.9067
	1.9218	2.1410	2.2470	2.1102	1.7909	1.9376	1.7624	3.2547
11	1.4315	1.8479	1.5053	1.7368	1.5197	1.8548	1.7322	0.8032
	2.2250	1.7719	2.1099	1.8758	2.0816	1.7578	1.8864	3.6517
12	1.7909	1.6483	1.8256	1.5196	1.3579	1.6510	1.0772	
	1.8298	1.9198	1.7908	2.0815	2.3341	1.9643	2.7249	
13	1.5943	1.6317	1.6366	1.8549	1.6511	0.9703	0.5528	
	1.9864	1.9536	1.9374	1.7577	1.9642	2.9710	5.1482	
14	1.8354	1.8772	1.8618	1.7323	1.0774	0.5527		
	1.7913	1.7516	1.7623	1.8863	2.7244	5.1420		
15	0.9276	0.9530	0.9068	0.8032	F-SUB-Q			
	3.1748	3.1710	3.2538	3.6514	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1511	1.2919	1.6851	1.4192	1.7694	1.5773	1.8130	0.9281
	2.7763	2.4537	1.9273	2.2246	1.8353	1.9866	1.7941	3.1420
9	1.2919	1.7071	1.4700	1.8293	1.6352	1.6142	1.8554	0.9519
	2.4537	1.9031	2.1453	1.7778	1.9216	1.9564	1.7558	3.1401
10	1.6851	1.4702	1.4039	1.4945	1.8138	1.6285	1.8454	0.9096
	1.9273	2.1451	2.2527	2.1126	1.7951	1.9401	1.7670	3.2185
11	1.4192	1.8294	1.4947	1.7306	1.5168	1.8490	1.7247	0.8099
	2.2246	1.7777	2.1123	1.8812	2.0858	1.7634	1.8917	3.6046
12	1.7694	1.6352	1.8139	1.5168	1.3629	1.6553	1.0939	
	1.8353	1.9216	1.7950	2.0858	2.3407	1.9719	2.6917	
13	1.5773	1.6150	1.6287	1.8491	1.6554	0.9899	0.5632	
	1.9866	1.9556	1.9399	1.7633	1.9718	2.9413	5.1107	
14	1.8130	1.8556	1.8456	1.7248	1.0941	0.5632		
	1.7941	1.7556	1.7669	1.8916	2.6913	5.1037		
15	0.9281	0.9523	0.9097	0.8099	F-SUB-Q			
	3.1420	3.1395	3.2177	3.6043	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1462	1.2943	1.7034	1.4208	1.7867	1.5816	1.8328	0.9169
	2.7114	2.3861	1.8638	2.1708	1.7799	1.9338	1.7333	3.0863
9	1.2943	1.7284	1.4767	1.8529	1.6436	1.6218	1.8776	0.9448
	2.3861	1.8392	2.0848	1.7245	1.8769	1.9064	1.6994	3.0794
10	1.7034	1.4768	1.4091	1.5006	1.8387	1.6432	1.8708	0.8992
	1.8638	2.0846	2.1952	2.0639	1.7478	1.8996	1.7178	3.1787
11	1.4208	1.8530	1.5009	1.7562	1.5301	1.8800	1.7522	0.8003
	2.1708	1.7245	2.0637	1.8329	2.0471	1.7212	1.8445	3.5710
12	1.7867	1.6436	1.8388	1.5300	1.3761	1.6852	1.0873	
	1.7799	1.8769	1.7477	2.0471	2.2989	1.9271	2.6737	
13	1.5816	1.6226	1.6433	1.8800	1.6853	0.9851	0.5573	
	1.9338	1.9056	1.8994	1.7211	1.9271	2.9100	5.0247	
14	1.8328	1.8779	1.8710	1.7523	1.0875	0.5573		
	1.7333	1.6992	1.7177	1.8444	2.6733	5.0185		
15	0.9169	0.9452	0.8992	0.8003	F-SUB-Q			
	3.0863	3.0788	3.1778	3.5708	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1431	1.2920	1.7053	1.4166	1.7872	1.5771	1.8350	0.9109
	2.4758	2.1788	1.7073	2.0011	1.6400	1.7952	1.6058	2.8573
9	1.2920	1.7315	1.4737	1.8566	1.6414	1.6189	1.8810	0.9402
	2.1788	1.6785	1.9141	1.5845	1.7302	1.7659	1.5721	2.8437
10	1.7053	1.4739	1.4050	1.4979	1.8436	1.6449	1.8766	0.8918
	1.7073	1.9139	2.0148	1.8985	1.6036	1.7464	1.5823	2.9407
11	1.4166	1.8567	1.4982	1.7615	1.5309	1.8884	1.7602	0.7960
	2.0011	1.5844	1.8982	1.6730	1.8715	1.5735	1.6854	3.2786
12	1.7872	1.6414	1.8437	1.5308	1.3767	1.6938	1.0853	
	1.6400	1.7301	1.6035	1.8716	2.0969	1.7507	2.4439	
13	1.5771	1.6197	1.6451	1.8884	1.6939	0.9824	0.5542	
	1.7952	1.7651	1.7463	1.5735	1.7506	2.6653	4.6156	
14	1.8350	1.8812	1.8767	1.7603	1.0855	0.5541		
	1.6058	1.5719	1.5822	1.6853	2.4435	4.6098		
15	0.9109	0.9405	0.8918	0.7960	F-SUB-Q			
	2.8573	2.8431	2.9400	3.2784	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1388	1.2861	1.6992	1.4090	1.7794	1.5685	1.8279	0.9067
	2.2836	2.0117	1.5739	1.8445	1.5103	1.6577	1.4801	2.6387
9	1.2861	1.7263	1.4658	1.8499	1.6338	1.6110	1.8744	0.9368
	2.0117	1.5467	1.7691	1.4608	1.5981	1.6285	1.4476	2.6217
10	1.6992	1.4660	1.3969	1.4900	1.8385	1.6395	1.8716	0.8914
	1.5739	1.7689	1.8648	1.7559	1.4787	1.6111	1.4590	2.7016
11	1.4090	1.8500	1.4903	1.7568	1.5245	1.8848	1.7568	0.7944
	1.8445	1.4608	1.7556	1.5423	1.7278	1.4485	1.5515	3.0241
12	1.7794	1.6338	1.8386	1.5245	1.3712	1.6910	1.0852	
	1.5103	1.5981	1.4786	1.7278	1.9347	1.6099	2.2460	
13	1.5685	1.6118	1.6396	1.8848	1.6911	0.9820	0.5529	
	1.6577	1.6279	1.6110	1.4485	1.6098	2.4493	4.2549	
14	1.8279	1.8746	1.8717	1.7568	1.0854	0.5529		
	1.4801	1.4475	1.4589	1.5515	2.2456	4.2495		
15	0.9067	0.9371	0.8915	0.7943	F-SUB-Q			
	2.6387	2.6212	2.7010	3.0240	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1382	1.2787	1.6806	1.3968	1.7586	1.5533	1.8070	0.9076
	2.2825	2.0248	1.5856	1.8582	1.5259	1.6737	1.4964	2.6423
9	1.2787	1.7073	1.4509	1.8273	1.6183	1.5951	1.8528	0.9354
	2.0248	1.5612	1.7822	1.4756	1.6094	1.6436	1.4628	2.6263
10	1.6806	1.4510	1.3821	1.4757	1.8176	1.6252	1.8514	0.8927
	1.5856	1.7821	1.8832	1.7698	1.4956	1.6253	1.4707	2.6947
11	1.3968	1.8274	1.4759	1.7363	1.5100	1.8654	1.7392	0.7975
	1.8582	1.4756	1.7695	1.5620	1.7460	1.4638	1.5674	3.0123
12	1.7586	1.6183	1.8177	1.5099	1.3582	1.6741	1.0905	
	1.5259	1.6094	1.4955	1.7461	1.9533	1.6249	2.2364	
13	1.5533	1.5959	1.6253	1.8654	1.6741	0.9857	0.5548	
	1.6737	1.6429	1.6252	1.4638	1.6248	2.4400	4.2490	
14	1.8070	1.8531	1.8515	1.7392	1.0907	0.5549		
	1.4964	1.4627	1.4706	1.5674	2.2360	4.2428		
15	0.9076	0.9357	0.8927	0.7975	F-SUB-Q			
	2.6423	2.6258	2.6941	3.0121	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1269	1.2767	1.6964	1.3964	1.7747	1.5571	1.8266	0.8937
	2.1382	1.8823	1.4638	1.7348	1.4112	1.5591	1.3821	2.5042
9	1.2767	1.7252	1.4546	1.8461	1.6227	1.6018	1.8738	0.9253
	1.8823	1.4371	1.6574	1.3621	1.4969	1.5279	1.3499	2.4803
10	1.6964	1.4548	1.3830	1.4770	1.8344	1.6338	1.8730	0.8766
	1.4638	1.6573	1.7540	1.6481	1.3794	1.5039	1.3541	2.5611
11	1.3964	1.8462	1.4773	1.7512	1.5146	1.8865	1.7595	0.7832
	1.7348	1.3621	1.6479	1.4420	1.6210	1.3474	1.4412	2.8567
12	1.7747	1.6227	1.8345	1.5145	1.3610	1.6921	1.0743	
	1.4112	1.4969	1.3794	1.6210	1.8129	1.4979	2.1165	
13	1.5571	1.6026	1.6340	1.8865	1.6922	0.9700	0.5431	
	1.5591	1.5272	1.5038	1.3474	1.4978	2.3112	4.0525	
14	1.8266	1.8740	1.8731	1.7595	1.0745	0.5431		
	1.3821	1.3497	1.3540	1.4411	2.1162	4.0473		
15	0.8937	0.9256	0.8767	0.7831	F-SUB-Q			
	2.5042	2.4797	2.5605	2.8566	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1170	1.2657	1.6836	1.3826	1.7604	1.5443	1.8140	0.8836
	2.0268	1.7876	1.3891	1.6518	1.3406	1.4822	1.3115	2.3907
9	1.2657	1.7131	1.4412	1.8298	1.6080	1.5894	1.8608	0.9155
	1.7876	1.3617	1.5764	1.2943	1.4232	1.4513	1.2806	2.3653
10	1.6836	1.4414	1.3690	1.4620	1.8177	1.6217	1.8608	0.8668
	1.3891	1.5763	1.6697	1.5685	1.3099	1.4249	1.2826	2.4424
11	1.3826	1.8299	1.4623	1.7334	1.5003	1.8731	1.7482	0.7746
	1.6518	1.2943	1.5683	1.3696	1.5378	1.2743	1.3624	2.7201
12	1.7604	1.6080	1.8178	1.5002	1.3483	1.6807	1.0644	
	1.3406	1.4231	1.3098	1.5379	1.7149	1.4139	2.0051	
13	1.5443	1.5903	1.6219	1.8732	1.6808	0.9609	0.5366	
	1.4822	1.4507	1.4248	1.2743	1.4138	2.1886	3.8532	
14	1.8140	1.8610	1.8609	1.7483	1.0647	0.5366		
	1.3115	1.2805	1.2825	1.3624	2.0047	3.8482		
15	0.8836	0.9159	0.8669	0.7746	F-SUB-Q			
	2.3907	2.3648	2.4418	2.7200	M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1036	1.2400	1.6295	1.3486	1.7027	1.5064	1.7548	0.8733
	1.9569	1.7412	1.3649	1.6129	1.3185	1.4461	1.2894	2.3080
9	1.2400	1.6584	1.4033	1.7645	1.5650	1.5491	1.7993	0.9018
	1.7412	1.3375	1.5409	1.2762	1.3910	1.4169	1.2592	2.2878
10	1.6295	1.4035	1.3332	1.4229	1.7537	1.5785	1.8003	0.8595
	1.3649	1.5407	1.6321	1.5333	1.2902	1.3909	1.2596	2.3462
11	1.3486	1.7646	1.4232	1.6687	1.4589	1.8100	1.6918	0.7688
	1.6129	1.2762	1.5331	1.3515	1.5026	1.2516	1.3364	2.6088
12	1.7027	1.5650	1.7538	1.4588	1.3130	1.6275	1.0566	
	1.3185	1.3910	1.2901	1.5026	1.6723	1.3845	1.9186	
13	1.5064	1.5499	1.5787	1.8101	1.6276	0.9551	0.5345	
	1.4461	1.4163	1.3908	1.2515	1.3845	2.0901	3.6791	
14	1.7548	1.7995	1.8004	1.6919	1.0568	0.5345		
	1.2894	1.2591	1.2595	1.3363	1.9183	3.6741		
15	0.8733	0.9021	0.8595	0.7688	F-SUB-Q			
	2.3080	2.2873	2.3457	2.6087	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0620	* 1.1998	* 1.5817	* 1.3046	* 1.6520	* 1.4657	* 1.7049	* 0.8342
	* 1.9492	* 1.7235	* 1.3496	* 1.6003	* 1.3042	* 1.4267	* 1.2736	* 2.3199
9	* 1.1998	* 1.6117	* 1.3641	* 1.7079	* 1.5185	* 1.5094	* 1.7474	* 0.8641
	* 1.7235	* 1.3209	* 1.5223	* 1.2650	* 1.3758	* 1.3959	* 1.2439	* 2.2952
10	* 1.5817	* 1.3642	* 1.2968	* 1.3792	* 1.6936	* 1.5344	* 1.7480	* 0.8195
	* 1.3496	* 1.5222	* 1.6117	* 1.5184	* 1.2814	* 1.3721	* 1.2440	* 2.3649
11	* 1.3046	* 1.7080	* 1.3795	* 1.6072	* 1.4152	* 1.7552	* 1.6419	* 0.7317
	* 1.6003	* 1.2649	* 1.5182	* 1.3460	* 1.4856	* 1.2369	* 1.3201	* 2.6340
12	* 1.6520	* 1.5185	* 1.6937	* 1.4151	* 1.2765	* 1.5808	* 1.0078	
	* 1.3042	* 1.3757	* 1.2814	* 1.4857	* 1.6504	* 1.3663	* 1.9298	
13	* 1.4657	* 1.5102	* 1.5346	* 1.7552	* 1.5809	* 0.9141	* 0.5087	
	* 1.4267	* 1.3952	* 1.3720	* 1.2369	* 1.3662	* 2.0956	* 3.7150	
14	* 1.7049	* 1.7477	* 1.7482	* 1.6419	* 1.0080	* 0.5086		
	* 1.2736	* 1.2438	* 1.2439	* 1.3200	* 1.9295	* 3.7103		
15	* 0.8342	* 0.8644	* 0.8195	* 0.7317	* F-SUB-Q			
	* 2.3199	* 2.2947	* 2.3643	* 2.6339	* M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9847	* 1.1079	* 1.4345	* 1.2007	* 1.4973	* 1.3528	* 1.5474	* 0.7688
	* 2.0390	* 1.8085	* 1.4398	* 1.6834	* 1.3919	* 1.4963	* 1.3576	* 2.4417
9	* 1.1079	* 1.4641	* 1.2581	* 1.5449	* 1.4003	* 1.3942	* 1.5855	* 0.7955
	* 1.8085	* 1.4075	* 1.5982	* 1.3523	* 1.4440	* 1.4631	* 1.3259	* 2.4181
10	* 1.4345	* 1.2582	* 1.1984	* 1.2733	* 1.5315	* 1.4118	* 1.5844	* 0.7524
	* 1.4398	* 1.5980	* 1.6890	* 1.5917	* 1.3700	* 1.4425	* 1.3271	* 2.4979
11	* 1.2007	* 1.5449	* 1.2736	* 1.4533	* 1.3022	* 1.5908	* 1.4877	* 0.6728
	* 1.6834	* 1.3522	* 1.5915	* 1.4395	* 1.5622	* 1.3191	* 1.4091	* 2.7790
12	* 1.4973	* 1.4002	* 1.5316	* 1.3021	* 1.1775	* 1.4352	* 0.9272	
	* 1.3919	* 1.4440	* 1.3699	* 1.5622	* 1.7321	* 1.4558	* 2.0320	
13	* 1.3528	* 1.3949	* 1.4119	* 1.5909	* 1.4353	* 0.8433	* 0.4692	
	* 1.4963	* 1.4625	* 1.4424	* 1.3191	* 1.4557	* 2.2016	* 3.9103	
14	* 1.5474	* 1.5858	* 1.5845	* 1.4878	* 0.9274	* 0.4692		
	* 1.3576	* 1.3257	* 1.3270	* 1.4090	* 2.0316	* 3.9055		
15	* 0.7688	* 0.7958	* 0.7524	* 0.6728	* F-SUB-Q			
	* 2.4417	* 2.4175	* 2.4973	* 2.7788	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 300 EFPD, THIS IS LEVEL 2 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8054	* 0.9041	* 1.1536	* 0.9779	* 1.2050	* 1.0988	* 1.2418	* 0.6296
	* 2.4354	* 2.1633	* 1.7462	* 2.0152	* 1.6852	* 1.7959	* 1.6472	* 2.9143
9	* 0.9041	* 1.1913	* 1.0107	* 1.2718	* 1.1415	* 1.1343	* 1.2794	* 0.6524
	* 2.1633	* 1.6858	* 1.9388	* 1.5989	* 1.7255	* 1.7522	* 1.6003	* 2.8806
10	* 1.1536	* 1.0109	* 0.9617	* 1.0439	* 1.2617	* 1.1433	* 1.2733	* 0.6132
	* 1.7462	* 1.9387	* 2.0519	* 1.8917	* 1.6172	* 1.7356	* 1.6084	* 2.9940
11	* 0.9779	* 1.2719	* 1.0441	* 1.2075	* 1.0416	* 1.2820	* 1.1810	* 0.5446
	* 2.0152	* 1.5988	* 1.8914	* 1.6867	* 1.9028	* 1.5932	* 1.7297	* 3.3567
12	* 1.2050	* 1.1415	* 1.2618	* 1.0416	* 0.9443	* 1.1451	* 0.7529	
	* 1.6852	* 1.7254	* 1.6171	* 1.9028	* 2.1063	* 1.7785	* 2.4434	
13	* 1.0988	* 1.1347	* 1.1434	* 1.2820	* 1.1452	* 0.6820	* 0.3825	
	* 1.7959	* 1.7516	* 1.7355	* 1.5932	* 1.7784	* 2.6600	* 4.6969	
14	* 1.2418	* 1.2796	* 1.2733	* 1.1811	* 0.7530	* 0.3824		
	* 1.6472	* 1.6001	* 1.6083	* 1.7296	* 2.4430	* 4.6918		
15	* 0.6296	* 0.6526	* 0.6132	* 0.5446	* F-SUB-Q			
	* 2.9143	* 2.8801	* 2.9933	* 3.3565	* M-SUB-Q			

AT 75% POWER, 300 EFPD, THIS IS LEVEL 1 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3770	* 0.4181	* 0.5107	* 0.4539	* 0.5342	* 0.4589	* 0.5001	* 0.2716
	* 5.1069	* 4.5878	* 3.8647	* 4.2529	* 3.7228	* 4.2044	* 4.0048	* 6.6310
9	* 0.4181	* 0.4902	* 0.4367	* 0.5338	* 0.4814	* 0.4697	* 0.5008	* 0.2791
	* 4.5878	* 4.0144	* 4.3961	* 3.7255	* 3.9977	* 4.1370	* 4.0004	* 6.6057
10	* 0.5107	* 0.4367	* 0.4175	* 0.4610	* 0.5358	* 0.4719	* 0.4963	* 0.2649
	* 3.8647	* 4.3958	* 4.6277	* 4.1927	* 3.7214	* 4.1063	* 4.0374	* 6.8011
11	* 0.4539	* 0.5338	* 0.4611	* 0.5156	* 0.4488	* 0.5218	* 0.4682	* 0.2333
	* 4.2529	* 3.7253	* 4.1924	* 3.8644	* 4.3229	* 3.8312	* 4.2749	* 7.6964
12	* 0.5342	* 0.4814	* 0.5359	* 0.4488	* 0.4062	* 0.4586	* 0.3200	
	* 3.7228	* 3.9976	* 3.7212	* 4.3228	* 4.7956	* 4.3527	* 5.6416	
13	* 0.4589	* 0.4699	* 0.4719	* 0.5218	* 0.4586	* 0.2945	* 0.1692	
	* 4.2044	* 4.1361	* 4.1060	* 3.8310	* 4.3524	* 6.0471	* 10.4410	
14	* 0.5001	* 0.5009	* 0.4964	* 0.4683	* 0.3200	* 0.1693		
	* 4.0048	* 4.0000	* 4.0371	* 4.2747	* 5.6408	* 10.4237		
15	* 0.2716	* 0.2792	* 0.2650	* 0.2333	* F-SUB-Q			
	* 6.6310	* 6.6049	* 6.7993	* 7.6958	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.3715	0.4890	0.6204	0.5766	0.6639	0.5866	0.6177	0.3566
	4.4466	4.3971	3.6232	3.7271	3.3856	3.6594	3.6952	5.5674
9	0.4890	0.5776	0.5459	0.6516	0.5997	0.5916	0.6125	0.3608
	4.3971	3.9312	3.9516	3.4510	3.5549	3.6416	3.7227	5.7395
10	0.6204	0.5459	0.5270	0.5703	0.6376	0.5664	0.5870	0.3391
	3.6232	3.9515	4.1333	3.7727	3.5096	3.7459	3.8048	5.8249
11	0.5766	0.6516	0.5704	0.5927	0.5046	0.5663	0.5292	0.2879
	3.7271	3.4509	3.7724	3.8086	4.1397	3.8802	4.1720	6.7488
12	0.6639	0.5997	0.6376	0.5046	0.3756	0.4365	0.3411	
	3.3856	3.5547	3.5093	4.1394	4.3268	4.2252	5.4453	
13	0.5866	0.5918	0.5665	0.5664	0.4366	0.2575	0.1809	
	3.6594	3.6408	3.7454	3.8799	4.2247	5.3821	8.9641	
14	0.6177	0.6125	0.5870	0.5292	0.3412	0.1809		
	3.6952	3.7222	3.8044	4.1716	5.4441	8.9486		
15	0.3566	0.3609	0.3391	0.2879	F-SUB-Q			
	5.5674	5.7387	5.8234	6.7478	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.7107	0.9512	1.2201	1.1170	1.3051	1.2374	1.3322	0.7582
	2.4680	2.3113	1.8824	1.9699	1.7630	1.7741	1.7528	2.6807
9	0.9512	1.2187	1.1249	1.3488	1.2615	1.2555	1.3558	0.7654
	2.3113	1.8892	1.9555	1.7059	1.7320	1.7597	1.7125	2.7548
10	1.2201	1.1250	1.0830	1.1521	1.3028	1.1997	1.3058	0.7183
	1.8824	1.9554	2.0623	1.9044	1.7564	1.8122	1.7486	2.8064
11	1.1170	1.3489	1.1522	1.2077	1.0395	1.2102	1.1461	0.6196
	1.9699	1.7058	1.9041	1.8947	2.0197	1.8305	1.9645	3.2126
12	1.3051	1.2615	1.3029	1.0395	0.7600	0.9498	0.7346	
	1.7630	1.7319	1.7563	2.0196	2.1412	1.9704	2.5639	
13	1.2374	1.2560	1.1999	1.2103	0.9500	0.5431	0.3830	
	1.7741	1.7591	1.8119	1.8304	1.9702	2.5882	4.2966	
14	1.3322	1.3560	1.3060	1.1462	0.7347	0.3830		
	1.7528	1.7123	1.7484	1.9643	2.5635	4.2909		
15	0.7582	0.7656	0.7184	0.6197	F-SUB-Q			
	2.6807	2.7543	2.8056	3.2123	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.8458	1.1294	1.4609	1.3234	1.5645	1.4707	1.5937	0.9083
	2.1707	1.9824	1.5960	1.6890	1.4929	1.5094	1.4702	2.2470
9	1.1294	1.4450	1.3471	1.5860	1.4934	1.4855	1.6181	0.9157
	1.9824	1.6125	1.6557	1.4732	1.4855	1.5016	1.4441	2.3175
10	1.4609	1.3472	1.2983	1.3591	1.5213	1.4270	1.5634	0.8693
	1.5960	1.6556	1.7251	1.6363	1.5281	1.5452	1.4807	2.3488
11	1.3234	1.5861	1.3593	1.4058	1.2524	1.4489	1.3874	0.7537
	1.6890	1.4732	1.6361	1.6410	1.6945	1.5514	1.6490	2.6837
12	1.5645	1.4934	1.5214	1.2525	0.9178	1.1439	0.8928	
	1.4929	1.4854	1.5280	1.6944	1.8212	1.6650	2.1390	
13	1.4707	1.4862	1.4272	1.4490	1.1440	0.6624	0.4636	
	1.5094	1.5010	1.5450	1.5513	1.6649	2.1721	3.6093	
14	1.5937	1.6183	1.5636	1.3875	0.8930	0.4635		
	1.4702	1.4439	1.4805	1.6489	2.1387	3.6047		
15	0.9083	0.9159	0.8694	0.7537	F-SUB-Q			
	2.2470	2.3171	2.3482	2.6834	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.9071	1.2068	1.6078	1.4264	1.7276	1.5894	1.7677	0.9660
	2.0791	1.8900	1.4757	1.5937	1.3744	1.4145	1.3407	2.1360
9	1.2068	1.5897	1.4519	1.7598	1.6160	1.6058	1.7973	0.9783
	1.8900	1.4907	1.5617	1.3500	1.3949	1.4071	1.3166	2.1960
10	1.6078	1.4520	1.3940	1.4652	1.6941	1.5493	1.7377	0.9241
	1.4757	1.5617	1.6309	1.5427	1.3956	1.4455	1.3525	2.2424
11	1.4264	1.7598	1.4655	1.5650	1.3619	1.6173	1.5435	0.8001
	1.5937	1.3499	1.5425	1.4991	1.5853	1.4144	1.5031	2.5683
12	1.7276	1.6160	1.6942	1.3619	0.9949	1.2736	0.9526	
	1.3744	1.3949	1.3955	1.5852	1.7170	1.5295	2.0413	
13	1.5894	1.6066	1.5496	1.6175	1.2737	0.7078	0.4886	
	1.4145	1.4065	1.4453	1.4143	1.5294	2.0931	3.4988	
14	1.7677	1.7976	1.7379	1.5436	0.9528	0.4885		
	1.3407	1.3165	1.3524	1.5030	2.0410	3.4948		
15	0.9660	0.9786	0.9242	0.8002	F-SUB-Q			
	2.1360	2.1956	2.2418	2.5681	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.9316	1.2295	1.6444	1.4487	1.7709	1.6131	1.8160	0.9825
	2.1110	1.8959	1.4712	1.5971	1.3640	1.4196	1.3284	2.1389
9	1.2295	1.6260	1.4723	1.8113	1.6432	1.6323	1.8498	0.9976
	1.8959	1.4892	1.5707	1.3349	1.3954	1.4103	1.3026	2.1943
10	1.6444	1.4724	1.4089	1.4908	1.7493	1.5778	1.7893	0.9437
	1.4712	1.5706	1.6453	1.5444	1.3743	1.4417	1.3346	2.2355
11	1.4487	1.8113	1.4911	1.6171	1.3932	1.6712	1.5919	0.8157
	1.5971	1.3349	1.5442	1.4774	1.5845	1.3973	1.4818	2.5574
12	1.7709	1.6432	1.7494	1.3932	1.0296	1.3185	0.9769	
	1.3640	1.3954	1.3742	1.5844	1.7273	1.5192	2.0370	
13	1.6131	1.6331	1.5781	1.6713	1.3186	0.7288	0.4970	
	1.4196	1.4097	1.4415	1.3972	1.5191	2.1069	3.5368	
14	1.8160	1.8501	1.7895	1.5920	0.9771	0.4969		
	1.3284	1.3025	1.3344	1.4817	2.0368	3.5327		
15	0.9825	0.9979	0.9438	0.8158	F-SUB-Q			
	2.1389	2.1939	2.2349	2.5571	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.9339	1.2286	1.6376	1.4400	1.7651	1.6005	1.8126	0.9801
	2.1801	1.9409	1.5090	1.6405	1.3959	1.4544	1.3531	2.1819
9	1.2286	1.6191	1.4606	1.8100	1.6331	1.6221	1.8483	0.9971
	1.9409	1.5274	1.6166	1.3630	1.4331	1.4423	1.3250	2.2328
10	1.6376	1.4607	1.3962	1.4836	1.7528	1.5702	1.7897	0.9447
	1.5090	1.6165	1.6929	1.5849	1.4012	1.4781	1.3599	2.2737
11	1.4400	1.8100	1.4838	1.6216	1.3916	1.6764	1.5947	0.8174
	1.6405	1.3630	1.5847	1.5020	1.6228	1.4227	1.5149	2.6109
12	1.7651	1.6330	1.7529	1.3916	1.0382	1.3247	0.9829	
	1.3959	1.4330	1.4011	1.6227	1.7787	1.5571	2.0772	
13	1.6005	1.6229	1.5705	1.6765	1.3248	0.7360	0.4981	
	1.4544	1.4417	1.4779	1.4226	1.5571	2.1668	3.6466	
14	1.8126	1.8485	1.7898	1.5948	0.9831	0.4980		
	1.3531	1.3249	1.3597	1.5148	2.0770	3.6423		
15	0.9801	0.9974	0.9447	0.8174	F-SUB-Q			
	2.1819	2.2325	2.2732	2.6107	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.9227	1.2133	1.6328	1.4273	1.7606	1.5877	1.8112	0.9666
	2.2511	2.0085	1.5613	1.7055	1.4410	1.5044	1.3884	2.2684
9	1.2133	1.6163	1.4489	1.8106	1.6221	1.6116	1.8486	0.9851
	2.0085	1.5790	1.6807	1.4036	1.4861	1.4907	1.3591	2.3189
10	1.6328	1.4490	1.3851	1.4742	1.7583	1.5626	1.7928	0.9318
	1.5613	1.6806	1.7606	1.6450	1.4405	1.5297	1.3969	2.3704
11	1.4273	1.8106	1.4745	1.6285	1.3873	1.6836	1.5999	0.8060
	1.7055	1.4036	1.6449	1.5264	1.6634	1.4473	1.5553	2.7333
12	1.7606	1.6220	1.7584	1.3873	1.0319	1.3318	0.9743	
	1.4410	1.4860	1.4404	1.6634	1.8359	1.5958	2.1529	
13	1.5877	1.6124	1.5629	1.6836	1.3319	0.7300	0.4920	
	1.5044	1.4901	1.5295	1.4473	1.5958	2.2580	3.8142	
14	1.8112	1.8488	1.7930	1.6000	0.9744	0.4919		
	1.3884	1.3590	1.3967	1.5552	2.1526	3.8095		
15	0.9666	0.9854	0.9319	0.8060	F-SUB-Q			
	2.2684	2.3185	2.3699	2.7331	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	0.9139	1.2003	1.6186	1.4094	1.7434	1.5675	1.7951	0.9528
	2.3466	2.0938	1.6425	1.7981	1.5137	1.5800	1.4516	2.3845
9	1.2003	1.6043	1.4320	1.7974	1.6036	1.5929	1.8337	0.9728
	2.0938	1.6575	1.7731	1.4716	1.5641	1.5650	1.4205	2.4351
10	1.6186	1.4321	1.3694	1.4594	1.7497	1.5476	1.7820	0.9202
	1.6425	1.7730	1.8580	1.7325	1.5087	1.6074	1.4612	2.4936
11	1.4094	1.7974	1.4596	1.6237	1.3789	1.6792	1.5945	0.7969
	1.7981	1.4716	1.7323	1.5746	1.7232	1.4934	1.6064	2.8826
12	1.7434	1.6036	1.7498	1.3789	1.0274	1.3323	0.9693	
	1.5137	1.5641	1.5087	1.7232	1.9010	1.6468	2.2304	
13	1.5675	1.5936	1.5478	1.6793	1.3324	0.7284	0.4892	
	1.5800	1.5644	1.6072	1.4933	1.6467	2.3501	3.9735	
14	1.7951	1.8339	1.7821	1.5945	0.9695	0.4891		
	1.4516	1.4204	1.4611	1.6063	2.2302	3.9686		
15	0.9528	0.9731	0.9203	0.7969	F-SUB-Q			
	2.3845	2.4347	2.4930	2.8824	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.9126	* 1.1921	* 1.6137	* 1.3961	* 1.7339	* 1.5521	* 1.7855	* 0.9390
	* 2.4692	* 2.1910	* 1.7368	* 1.9084	* 1.5987	* 1.6707	* 1.5271	* 2.5314
9	* 1.1921	* 1.6041	* 1.4222	* 1.7926	* 1.5911	* 1.5796	* 1.8256	* 0.9607
	* 2.1910	* 1.7206	* 1.8816	* 1.5514	* 1.6566	* 1.6537	* 1.4939	* 2.5816
10	* 1.6137	* 1.4223	* 1.3614	* 1.4507	* 1.7503	* 1.5390	* 1.7792	* 0.9071
	* 1.7368	* 1.8815	* 1.9643	* 1.8365	* 1.5797	* 1.6864	* 1.5376	* 2.6539
11	* 1.3961	* 1.7926	* 1.4509	* 1.6300	* 1.3794	* 1.6860	* 1.5985	* 0.7886
	* 1.9084	* 1.5513	* 1.8363	* 1.6370	* 1.8015	* 1.5536	* 1.6693	* 3.0693
12	* 1.7339	* 1.5911	* 1.7503	* 1.3794	* 1.0313	* 1.3468	* 0.9676	
	* 1.5987	* 1.6566	* 1.5797	* 1.8014	* 1.9906	* 1.7156	* 2.3444	
13	* 1.5521	* 1.5803	* 1.5392	* 1.6861	* 1.3468	* 0.7344	* 0.4904	
	* 1.6707	* 1.6530	* 1.6862	* 1.5535	* 1.7155	* 2.4738	* 4.1884	
14	* 1.7855	* 1.8258	* 1.7793	* 1.5986	* 0.9678	* 0.4903		
	* 1.5271	* 1.4937	* 1.5375	* 1.6693	* 2.3441	* 4.1832		
15	* 0.9390	* 0.9610	* 0.9071	* 0.7886	* F-SUB-Q			
	* 2.5314	* 2.5812	* 2.6533	* 3.0691	* M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 0.9346	* 1.2002	* 1.5892	* 1.3755	* 1.7003	* 1.5239	* 1.7483	* 0.9341
	* 2.6042	* 2.3127	* 1.8628	* 2.0551	* 1.7276	* 1.7973	* 1.6464	* 2.6888
9	* 1.2002	* 1.5864	* 1.4026	* 1.7611	* 1.5670	* 1.5517	* 1.7891	* 0.9553
	* 2.3127	* 1.8298	* 2.0161	* 1.6755	* 1.7840	* 1.7792	* 1.6102	* 2.7421
10	* 1.5892	* 1.4027	* 1.3446	* 1.4337	* 1.7259	* 1.5207	* 1.7503	* 0.9077
	* 1.8628	* 2.0160	* 2.0869	* 1.9508	* 1.6751	* 1.7855	* 1.6564	* 2.8075
11	* 1.3755	* 1.7611	* 1.4339	* 1.6167	* 1.3792	* 1.6747	* 1.5848	* 0.7926
	* 2.0551	* 1.6755	* 1.9507	* 1.7348	* 1.9084	* 1.6475	* 1.7684	* 3.2005
12	* 1.7003	* 1.5670	* 1.7259	* 1.3792	* 1.0609	* 1.3611	* 0.9884	
	* 1.7276	* 1.7840	* 1.6750	* 1.9084	* 2.1231	* 1.8322	* 2.4446	
13	* 1.5239	* 1.5524	* 1.5209	* 1.6747	* 1.3612	* 0.7716	* 0.5071	
	* 1.7973	* 1.7785	* 1.7854	* 1.6474	* 1.8322	* 2.5957	* 4.3848	
14	* 1.7483	* 1.7893	* 1.7504	* 1.5848	* 0.9885	* 0.5071		
	* 1.6464	* 1.6100	* 1.6563	* 1.7683	* 2.4443	* 4.3788		
15	* 0.9341	* 0.9556	* 0.9077	* 0.7926	* F-SUB-Q			
	* 2.6888	* 2.7416	* 2.8069	* 3.2004	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0038	1.2054	1.6094	1.3754	1.7131	1.5233	1.7610	0.9197
	2.7571	2.4451	1.9508	2.1950	1.8300	1.9122	1.7376	2.8975
9	1.2054	1.6185	1.4114	1.7814	1.5747	1.5548	1.8046	0.9450
	2.4451	1.9118	2.1234	1.7533	1.8817	1.8906	1.6982	2.9467
10	1.6094	1.4115	1.3548	1.4425	1.7557	1.5396	1.7736	0.8955
	1.9508	2.1233	2.1967	2.0538	1.7473	1.8714	1.7273	3.0310
11	1.3754	1.7814	1.4427	1.6619	1.4126	1.7241	1.6202	0.7850
	2.1950	1.7532	2.0537	1.8053	1.9997	1.7138	1.8416	3.4215
12	1.7131	1.5747	1.7558	1.4125	1.1417	1.4442	1.0009	
	1.8300	1.8816	1.7472	1.9997	2.2211	1.9029	2.6014	
13	1.5233	1.5555	1.5398	1.7241	1.4443	0.8339	0.5180	
	1.9122	1.8899	1.8713	1.7138	1.9028	2.7649	4.6849	
14	1.7610	1.8048	1.7737	1.6203	1.0011	0.5180		
	1.7376	1.6981	1.7272	1.8416	2.6011	4.6789		
15	0.9197	0.9452	0.8956	0.7850	F-SUB-Q			
	2.8975	2.9462	3.0304	3.4214	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.0692	1.2233	1.6146	1.3709	1.7093	1.5141	1.7543	0.9136
	2.7944	2.4694	1.9726	2.2333	1.8753	2.0116	1.8351	3.0855
9	1.2233	1.6343	1.4123	1.7850	1.5739	1.5477	1.7998	0.9404
	2.4694	1.9356	2.1529	1.7889	1.9253	1.9786	1.7871	3.1234
10	1.6146	1.4124	1.3576	1.4445	1.7666	1.5485	1.7771	0.8929
	1.9726	2.1527	2.2402	2.1020	1.7977	1.9474	1.7980	3.1761
11	1.3709	1.7851	1.4447	1.6894	1.4395	1.7575	1.6391	0.7868
	2.2333	1.7889	2.1018	1.8562	2.0710	1.7820	1.9241	3.5784
12	1.7093	1.5739	1.7667	1.4394	1.2575	1.5309	1.0257	
	1.8753	1.9253	1.7977	2.0710	2.3156	1.9927	2.7210	
13	1.5141	1.5484	1.5487	1.7575	1.5310	0.9022	0.5369	
	2.0116	1.9779	1.9472	1.7820	1.9927	2.9027	4.9379	
14	1.7543	1.8000	1.7772	1.6391	1.0258	0.5368		
	1.8351	1.7869	1.7979	1.9241	2.7207	4.9315		
15	0.9136	0.9407	0.8929	0.7868	F-SUB-Q			
	3.0855	3.1229	3.1755	3.5783	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1007	1.2344	1.6039	1.3609	1.6901	1.4972	1.7315	0.9141
	2.7846	2.4714	1.9856	2.2429	1.8892	2.0223	1.8481	3.0581
9	1.2344	1.6306	1.4039	1.7706	1.5642	1.5317	1.7781	0.9394
	2.4714	1.9489	2.1654	1.8018	1.9349	1.9908	1.8008	3.1084
10	1.6039	1.4040	1.3512	1.4382	1.7593	1.5455	1.7628	0.8964
	1.9856	2.1653	2.2549	2.1126	1.8090	1.9592	1.8119	3.1548
11	1.3609	1.7706	1.4383	1.6966	1.4499	1.7648	1.6387	0.7943
	2.2429	1.8017	2.1124	1.8689	2.0849	1.7963	1.9392	3.5520
12	1.6901	1.5642	1.7593	1.4498	1.2980	1.5662	1.0516	
	1.8892	1.9349	1.8090	2.0849	2.3325	2.0097	2.7005	
13	1.4972	1.5324	1.5456	1.7649	1.5662	0.9471	0.5561	
	2.0223	1.9900	1.9591	1.7963	2.0096	2.8844	4.9017	
14	1.7315	1.7782	1.7628	1.6387	1.0518	0.5562		
	1.8481	1.8006	1.8118	1.9392	2.7002	4.8946		
15	0.9141	0.9397	0.8964	0.7943	F-SUB-Q			
	3.0581	3.1079	3.1541	3.5519	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1066	1.2405	1.6248	1.3651	1.7071	1.5011	1.7494	0.9026
	2.7501	2.4287	1.9396	2.2068	1.8458	1.9818	1.7986	3.0259
9	1.2405	1.6577	1.4137	1.7962	1.5743	1.5387	1.7985	0.9325
	2.4287	1.9024	2.1252	1.7618	1.9055	1.9538	1.7567	3.0684
10	1.6248	1.4138	1.3611	1.4479	1.7882	1.5628	1.7885	0.8868
	1.9396	2.1251	2.2188	2.0835	1.7756	1.9348	1.7757	3.1467
11	1.3651	1.7962	1.4481	1.7317	1.4710	1.8025	1.6699	0.7875
	2.2068	1.7617	2.0833	1.8356	2.0625	1.7682	1.9068	3.5527
12	1.7071	1.5742	1.7882	1.4709	1.3262	1.6101	1.0525	
	1.8458	1.9054	1.7756	2.0626	2.3113	1.9784	2.7133	
13	1.5011	1.5394	1.5629	1.8025	1.6101	0.9546	0.5560	
	1.9818	1.9531	1.9347	1.7682	1.9783	2.9006	4.8920	
14	1.7494	1.7987	1.7885	1.6699	1.0527	0.5560		
	1.7986	1.7565	1.7756	1.9068	2.7130	4.8855		
15	0.9026	0.9327	0.8868	0.7874	F-SUB-Q			
	3.0259	3.0679	3.1461	3.5526	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1110	1.2442	1.6320	1.3650	1.7111	1.4988	1.7530	0.8980
	2.5126	2.2279	1.7860	2.0437	1.7134	1.8534	1.6800	2.8226
9	1.2442	1.6683	1.4158	1.8053	1.5766	1.5382	1.8036	0.9294
	2.2279	1.7433	1.9597	1.6331	1.7708	1.8235	1.6390	2.8557
10	1.6320	1.4159	1.3628	1.4506	1.7997	1.5692	1.7972	0.8811
	1.7860	1.9595	2.0457	1.9299	1.6460	1.7967	1.6526	2.9305
11	1.3650	1.8053	1.4508	1.7469	1.4790	1.8180	1.6829	0.7858
	2.0437	1.6331	1.9297	1.6915	1.9042	1.6350	1.7620	3.2815
12	1.7111	1.5765	1.7997	1.4789	1.3362	1.6291	1.0563	
	1.7134	1.7708	1.6460	1.9043	2.1257	1.8185	2.4972	
13	1.4988	1.5389	1.5693	1.8180	1.6292	0.9598	0.5572	
	1.8534	1.8228	1.7967	1.6350	1.8184	2.6612	4.5001	
14	1.7530	1.8038	1.7973	1.6829	1.0565	0.5572		
	1.6800	1.6388	1.6526	1.7621	2.4969	4.4942		
15	0.8980	0.9296	0.8811	0.7857	F-SUB-Q			
	2.8226	2.8552	2.9300	3.2815	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1113	1.2448	1.6331	1.3631	1.7097	1.4945	1.7504	0.8966
	2.3153	2.0519	1.6427	1.8791	1.5749	1.7096	1.5473	2.6024
9	1.2448	1.6717	1.4144	1.8067	1.5757	1.5348	1.8017	0.9288
	2.0519	1.6027	1.8065	1.5021	1.6308	1.6799	1.5080	2.6287
10	1.6331	1.4146	1.3614	1.4497	1.8033	1.5697	1.7977	0.8837
	1.6427	1.8064	1.8884	1.7805	1.5140	1.6554	1.5223	2.6848
11	1.3631	1.8067	1.4499	1.7516	1.4800	1.8223	1.6860	0.7873
	1.8791	1.5021	1.7803	1.5552	1.7545	1.5030	1.6204	3.0212
12	1.7097	1.5757	1.8034	1.4799	1.3384	1.6352	1.0619	
	1.5749	1.6308	1.5140	1.7546	1.9572	1.6698	2.2906	
13	1.4945	1.5355	1.5698	1.8223	1.6353	0.9657	0.5597	
	1.7096	1.6793	1.6553	1.5030	1.6697	2.4399	4.1380	
14	1.7504	1.8019	1.7977	1.6860	1.0621	0.5597		
	1.5473	1.5079	1.5222	1.6204	2.2903	4.1324		
15	0.8966	0.9291	0.8837	0.7872	F-SUB-Q			
	2.6024	2.6282	2.6843	3.0212	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1185	1.2475	1.6251	1.3594	1.6992	1.4865	1.7376	0.9024
	2.3018	2.0519	1.6472	1.8850	1.5847	1.7209	1.5601	2.5952
9	1.2475	1.6638	1.4084	1.7962	1.5700	1.5269	1.7889	0.9320
	2.0519	1.6097	1.8113	1.5091	1.6352	1.6902	1.5194	2.6237
10	1.6251	1.4086	1.3552	1.4449	1.7949	1.5640	1.7864	0.8898
	1.6472	1.8112	1.8975	1.7853	1.5227	1.6637	1.5288	2.6674
11	1.3594	1.7962	1.4451	1.7434	1.4746	1.8134	1.6776	0.7939
	1.8850	1.5091	1.7851	1.5660	1.7656	1.5134	1.6312	2.9985
12	1.6992	1.5700	1.7949	1.4745	1.3340	1.6280	1.0735	
	1.5847	1.6352	1.5227	1.7657	1.9679	1.6797	2.2715	
13	1.4865	1.5276	1.5640	1.8134	1.6280	0.9762	0.5658	
	1.7209	1.6896	1.6636	1.5134	1.6797	2.4193	4.1106	
14	1.7376	1.7890	1.7864	1.6775	1.0737	0.5659		
	1.5601	1.5193	1.5288	1.6312	2.2713	4.1043		
15	0.9024	0.9322	0.8898	0.7938	F-SUB-Q			
	2.5952	2.6232	2.6670	2.9985	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1160	1.2514	1.6504	1.3675	1.7247	1.4981	1.7653	0.8932
	2.1415	1.9010	1.5135	1.7503	1.4587	1.5965	1.4352	2.4489
9	1.2514	1.6922	1.4212	1.8269	1.5842	1.5408	1.8190	0.9275
	1.9010	1.4742	1.6759	1.3851	1.5133	1.5649	1.3965	2.4656
10	1.6504	1.4214	1.3658	1.4555	1.8236	1.5808	1.8169	0.8790
	1.5135	1.6757	1.7569	1.6533	1.3966	1.5328	1.4019	2.5228
11	1.3675	1.8270	1.4557	1.7720	1.4891	1.8451	1.7065	0.7852
	1.7503	1.3851	1.6532	1.4356	1.6291	1.3855	1.4931	2.8266
12	1.7247	1.5841	1.8236	1.4890	1.3463	1.6568	1.0642	
	1.4588	1.5133	1.3966	1.6292	1.8144	1.5391	2.1377	
13	1.4981	1.5415	1.5809	1.8451	1.6569	0.9667	0.5575	
	1.5965	1.5643	1.5328	1.3855	1.5391	2.2789	3.8980	
14	1.7654	1.8191	1.8169	1.7064	1.0644	0.5575		
	1.4352	1.3964	1.4019	1.4931	2.1375	3.8928		
15	0.8932	0.9278	0.8790	0.7852	F-SUB-Q			
	2.4489	2.4652	2.5223	2.8266	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1162	1.2522	1.6540	1.3671	1.7275	1.4983	1.7682	0.8913
	2.0129	1.7905	1.4242	1.6526	1.3741	1.5068	1.3518	2.3186
9	1.2522	1.6969	1.4217	1.8302	1.5853	1.5419	1.8225	0.9263
	1.7905	1.3848	1.5805	1.3037	1.4263	1.4756	1.3148	2.3317
10	1.6540	1.4219	1.3652	1.4551	1.8267	1.5830	1.8211	0.8773
	1.4242	1.5804	1.6580	1.5595	1.3131	1.4409	1.3176	2.3857
11	1.3671	1.8303	1.4553	1.7737	1.4895	1.8496	1.7108	0.7839
	1.6526	1.3037	1.5594	1.3497	1.5322	1.2992	1.4004	2.6691
12	1.7275	1.5853	1.8267	1.4894	1.3466	1.6611	1.0645	
	1.3741	1.4263	1.3131	1.5323	1.7012	1.4405	2.0081	
13	1.4983	1.5426	1.5831	1.8495	1.6611	0.9666	0.5561	
	1.5068	1.4750	1.4409	1.2992	1.4404	2.1394	3.6734	
14	1.7682	1.8226	1.8211	1.7108	1.0647	0.5561		
	1.3518	1.3147	1.3176	1.4004	2.0078	3.6684		
15	0.8913	0.9266	0.8773	0.7838	F-SUB-Q			
	2.3186	2.3312	2.3853	2.6691	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.1165	1.2455	1.6240	1.3533	1.6948	1.4793	1.7336	0.8932
	1.9223	1.7199	1.3812	1.5945	1.3338	1.4539	1.3128	2.2101
9	1.2455	1.6659	1.4027	1.7924	1.5650	1.5218	1.7862	0.9245
	1.7199	1.3426	1.5265	1.2672	1.3760	1.4244	1.2770	2.2277
10	1.6240	1.4029	1.3465	1.4362	1.7905	1.5616	1.7853	0.8812
	1.3812	1.5264	1.6019	1.5051	1.2742	1.3889	1.2784	2.2641
11	1.3533	1.7924	1.4364	1.7352	1.4677	1.8134	1.6783	0.7873
	1.5945	1.2672	1.5049	1.3119	1.4788	1.2589	1.3563	2.5313
12	1.6948	1.5649	1.7905	1.4675	1.3278	1.6291	1.0707	
	1.3338	1.3760	1.2742	1.4788	1.6396	1.3938	1.8979	
13	1.4793	1.5225	1.5617	1.8133	1.6292	0.9733	0.5613	
	1.4539	1.4238	1.3888	1.2590	1.3938	2.0183	3.4630	
14	1.7336	1.7863	1.7853	1.6783	1.0709	0.5613		
	1.3128	1.2769	1.2784	1.3563	1.8976	3.4581		
15	0.8932	0.9247	0.8812	0.7873	F-SUB-Q			
	2.2101	2.2273	2.2638	2.5314	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0902	1.2199	1.6018	1.3259	1.6706	1.4597	1.7111	0.8640
	1.8876	1.6828	1.3451	1.5607	1.2997	1.4157	1.2774	2.1946
9	1.2199	1.6452	1.3837	1.7654	1.5418	1.5036	1.7627	0.8988
	1.6828	1.3057	1.4874	1.2354	1.3415	1.3847	1.2424	2.2038
10	1.6018	1.3838	1.3286	1.4127	1.7587	1.5410	1.7619	0.8522
	1.3451	1.4873	1.5606	1.4690	1.2449	1.3506	1.2432	2.2509
11	1.3259	1.7654	1.4129	1.7019	1.4457	1.7881	1.6550	0.7611
	1.5607	1.2354	1.4688	1.2837	1.4406	1.2245	1.3193	2.5175
12	1.6706	1.5417	1.7587	1.4456	1.3096	1.6081	1.0366	
	1.2997	1.3415	1.2449	1.4407	1.5958	1.3541	1.8813	
13	1.4597	1.5044	1.5410	1.7881	1.6081	0.9446	0.5417	
	1.4157	1.3841	1.3506	1.2245	1.3540	1.9959	3.4491	
14	1.7111	1.7628	1.7620	1.6550	1.0368	0.5417		
	1.2774	1.2423	1.2432	1.3193	1.8810	3.4446		
15	0.8640	0.8991	0.8522	0.7610	F-SUB-Q			
	2.1946	2.2034	2.2505	2.5175	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.0285	1.1463	1.4847	1.2409	1.5455	1.3712	1.5834	0.8086
	1.9410	1.7355	1.4044	1.6146	1.3596	1.4596	1.3359	2.2748
9	1.1463	1.5244	1.2990	1.6282	1.4438	1.4136	1.6297	0.8399
	1.7355	1.3641	1.5347	1.2954	1.3865	1.4264	1.3001	2.2875
10	1.4847	1.2992	1.2504	1.3258	1.6214	1.4435	1.6293	0.7943
	1.4044	1.5346	1.6066	1.5153	1.3057	1.3952	1.3005	2.3422
11	1.2409	1.6283	1.3260	1.5662	1.3537	1.6522	1.5283	0.7112
	1.6146	1.2954	1.5152	1.3489	1.4887	1.2810	1.3820	2.6134
12	1.5455	1.4437	1.6214	1.3536	1.2304	1.4878	0.9701	
	1.3596	1.3865	1.3057	1.4887	1.6448	1.4157	1.9473	
13	1.3712	1.4143	1.4436	1.6522	1.4878	0.8866	0.5083	
	1.4596	1.4259	1.3951	1.2811	1.4156	2.0607	3.5681	
14	1.5834	1.6298	1.6294	1.5282	0.9702	0.5083		
	1.3359	1.3000	1.3005	1.3820	1.9471	3.5635		
15	0.8086	0.8402	0.7943	0.7111	F-SUB-Q			
	2.2748	2.2871	2.3418	2.6134	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.8614	* 0.9568	* 1.2093	* 1.0304	* 1.2554	* 1.1402	* 1.2864	* 0.6723
	* 2.2627	* 2.0282	* 1.6792	* 1.8948	* 1.6299	* 1.7103	* 1.6002	* 2.6723
9	* 0.9568	* 1.2513	* 1.0672	* 1.3437	* 1.2009	* 1.1769	* 1.3278	* 0.6971
	* 2.0282	* 1.6184	* 1.8195	* 1.5258	* 1.6232	* 1.6693	* 1.5522	* 2.6901
10	* 1.2093	* 1.0673	* 1.0262	* 1.1086	* 1.3393	* 1.1945	* 1.3252	* 0.6557
	* 1.6792	* 1.8194	* 1.9070	* 1.7651	* 1.5357	* 1.6422	* 1.5554	* 2.7693
11	* 1.0304	* 1.3438	* 1.1088	* 1.3005	* 1.1049	* 1.3431	* 1.2386	* 0.5860
	* 1.8948	* 1.5258	* 1.7650	* 1.5794	* 1.7756	* 1.5321	* 1.6605	* 3.0980
12	* 1.2554	* 1.2009	* 1.3394	* 1.1049	* 1.0100	* 1.2116	* 0.8017	
	* 1.6299	* 1.6232	* 1.5356	* 1.7757	* 1.9524	* 1.6928	* 2.2982	
13	* 1.1402	* 1.1774	* 1.1945	* 1.3431	* 1.2117	* 0.7328	* 0.4230	
	* 1.7103	* 1.6687	* 1.6422	* 1.5321	* 1.6927	* 2.4334	* 4.1946	
14	* 1.2864	* 1.3279	* 1.3253	* 1.2386	* 0.8019	* 0.4229		
	* 1.6002	* 1.5521	* 1.5554	* 1.6605	* 2.2979	* 4.1899		
15	* 0.6723	* 0.6973	* 0.6556	* 0.5860	F-SUB-Q			
	* 2.6723	* 2.6897	* 2.7689	* 3.0979	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	* 0.4187	* 0.4597	* 0.5588	* 0.4961	* 0.5799	* 0.4968	* 0.5420	* 0.3005
	* 4.5621	* 4.1323	* 3.5546	* 3.8483	* 3.4488	* 3.8317	* 3.7119	* 5.8599
9	* 0.4597	* 0.5378	* 0.4796	* 0.5842	* 0.5264	* 0.5092	* 0.5431	* 0.3086
	* 4.1323	* 3.6817	* 3.9569	* 3.4252	* 3.6122	* 3.7651	* 3.7055	* 5.9531
10	* 0.5588	* 0.4796	* 0.4634	* 0.5080	* 0.5875	* 0.5156	* 0.5403	* 0.2935
	* 3.5546	* 3.9568	* 4.1271	* 3.7618	* 3.4143	* 3.7096	* 3.7263	* 6.0628
11	* 0.4961	* 0.5842	* 0.5081	* 0.5718	* 0.4941	* 0.5708	* 0.5140	* 0.2604
	* 3.8483	* 3.4251	* 3.7616	* 3.5064	* 3.8753	* 3.5206	* 3.9125	* 6.8385
12	* 0.5799	* 0.5264	* 0.5876	* 0.4941	* 0.4522	* 0.5079	* 0.3541	
	* 3.4488	* 3.6121	* 3.4142	* 3.8753	* 4.2628	* 3.9497	* 5.0968	
13	* 0.4968	* 0.5094	* 0.5156	* 0.5708	* 0.5079	* 0.3294	* 0.1939	
	* 3.8317	* 3.7643	* 3.7094	* 3.5206	* 3.9495	* 5.3060	* 8.9891	
14	* 0.5420	* 0.5432	* 0.5403	* 0.5140	* 0.3542	* 0.1939		
	* 3.7119	* 3.7053	* 3.7262	* 3.9124	* 5.0962	* 8.9742		
15	* 0.3005	* 0.3087	* 0.2935	* 0.2604	F-SUB-Q			
	* 5.8599	* 5.9524	* 6.0617	* 6.8383	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4347	* 0.5705	* 0.7199	* 0.6721	* 0.7699	* 0.6756	* 0.6577	* 0.3979
	* 3.7328	* 3.7941	* 3.2183	* 3.2270	* 3.0220	* 3.1700	* 3.2624	* 4.5509
9	* 0.5705	* 0.6609	* 0.6311	* 0.7562	* 0.6984	* 0.6849	* 0.6995	* 0.4188
	* 3.7941	* 3.4809	* 3.4104	* 3.0715	* 3.0754	* 3.1464	* 3.2839	* 4.8494
10	* 0.7199	* 0.6312	* 0.5719	* 0.6618	* 0.7445	* 0.6656	* 0.6911	* 0.4072
	* 3.2183	* 3.4103	* 3.5313	* 3.2469	* 3.1082	* 3.2163	* 3.3411	* 4.7780
11	* 0.6721	* 0.7563	* 0.6619	* 0.6856	* 0.5969	* 0.6727	* 0.6308	* 0.3551
	* 3.2270	* 3.0714	* 3.2467	* 3.3491	* 3.5322	* 3.4090	* 3.6421	* 5.5471
12	* 0.7699	* 0.6984	* 0.7445	* 0.5969	* 0.4458	* 0.5287	* 0.4152	
	* 3.0220	* 3.0752	* 3.1080	* 3.5321	* 3.6225	* 3.6530	* 4.5696	
13	* 0.6756	* 0.6851	* 0.6657	* 0.6728	* 0.5288	* 0.3177	* 0.2332	
	* 3.1700	* 3.1459	* 3.2160	* 3.4088	* 3.6527	* 4.3810	* 7.1309	
14	* 0.6577	* 0.6996	* 0.6912	* 0.6308	* 0.4153	* 0.2333		
	* 3.2624	* 3.2836	* 3.3408	* 3.6419	* 4.5693	* 7.1179		
15	* 0.3979	* 0.4189	* 0.4073	* 0.3552	* F-SUB-Q			
	* 4.5509	* 4.8498	* 4.7768	* 5.5466	* M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7697	* 1.0293	* 1.3125	* 1.2087	* 1.4025	* 1.3241	* 1.3981	* 0.8233
	* 2.2635	* 2.1470	* 1.8066	* 1.8372	* 1.6979	* 1.6592	* 1.6777	* 2.3624
9	* 1.0293	* 1.3006	* 1.2128	* 1.4574	* 1.3631	* 1.3435	* 1.4465	* 0.8453
	* 2.1470	* 1.8157	* 1.8198	* 1.6323	* 1.6146	* 1.6432	* 1.6398	* 2.5061
10	* 1.3125	* 1.2129	* 1.1525	* 1.2489	* 1.4226	* 1.3051	* 1.4206	* 0.8032
	* 1.8066	* 1.8197	* 1.9052	* 1.7640	* 1.6662	* 1.6791	* 1.6641	* 2.4829
11	* 1.2087	* 1.4574	* 1.2490	* 1.3216	* 1.1429	* 1.3244	* 1.2664	* 0.7060
	* 1.8372	* 1.6323	* 1.7638	* 1.7811	* 1.8557	* 1.7409	* 1.8490	* 2.8554
12	* 1.4025	* 1.3631	* 1.4226	* 1.1429	* 0.8384	* 1.0570	* 0.8244	
	* 1.6979	* 1.6145	* 1.6661	* 1.8556	* 1.9501	* 1.8470	* 2.3197	
13	* 1.3241	* 1.3440	* 1.3053	* 1.3244	* 1.0571	* 0.6141	* 0.4538	
	* 1.6592	* 1.6427	* 1.6789	* 1.7408	* 1.8469	* 2.2840	* 3.6929	
14	* 1.3981	* 1.4466	* 1.4208	* 1.2665	* 0.8246	* 0.4538		
	* 1.6777	* 1.6396	* 1.6640	* 1.8489	* 2.3197	* 3.6875		
15	* 0.8233	* 0.8456	* 0.8032	* 0.7060	* F-SUB-Q			
	* 2.3624	* 2.5062	* 2.4823	* 2.8551	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8840	1.1837	1.5258	1.3844	1.6400	1.5264	1.6728	0.9817
	2.0691	1.9046	1.5781	1.6281	1.4731	1.4594	1.4412	2.0407
9	1.1837	1.5127	1.4047	1.6823	1.5589	1.5446	1.7088	0.9979
	1.9046	1.5863	1.5959	1.4354	1.4322	1.4501	1.4099	2.1578
10	1.5258	1.4048	1.3579	1.4284	1.6329	1.5003	1.6608	0.9523
	1.5781	1.5959	1.6540	1.5655	1.4721	1.4805	1.4431	2.1260
11	1.3844	1.6824	1.4286	1.5198	1.3296	1.5526	1.4811	0.8319
	1.6281	1.4354	1.5653	1.5674	1.6107	1.5031	1.6021	2.4584
12	1.6400	1.5589	1.6330	1.3296	0.9774	1.2267	0.9691	
	1.4731	1.4321	1.4720	1.6106	1.7250	1.6116	1.9917	
13	1.5264	1.5453	1.5004	1.5527	1.2268	0.7180	0.5283	
	1.4594	1.4496	1.4804	1.5030	1.6116	1.9837	3.2047	
14	1.6728	1.7090	1.6609	1.4812	0.9692	0.5283		
	1.4412	1.4097	1.4431	1.6020	1.9917	3.2000		
15	0.9817	0.9981	0.9523	0.8319	F-SUB-Q			
	2.0407	2.1580	2.1256	2.4582	M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9155	1.2333	1.6325	1.4579	1.7582	1.6139	1.8128	1.0279
	2.0239	1.8541	1.4974	1.5689	1.3938	1.3991	1.3483	1.9778
9	1.2333	1.6205	1.4785	1.8124	1.6444	1.6337	1.8517	1.0477
	1.8541	1.5039	1.5393	1.3514	1.3768	1.3896	1.3186	2.0849
10	1.6325	1.4786	1.4273	1.5039	1.7630	1.5856	1.7950	0.9919
	1.4974	1.5392	1.5977	1.5096	1.3827	1.4196	1.3527	2.0699
11	1.4579	1.8124	1.5042	1.6432	1.4025	1.6764	1.5996	0.8617
	1.5689	1.3514	1.5095	1.4677	1.5436	1.4093	1.4961	2.4004
12	1.7582	1.6444	1.7630	1.4025	1.0199	1.3207	1.0045	
	1.3938	1.3768	1.3826	1.5436	1.6662	1.5187	1.9442	
13	1.6139	1.6345	1.5858	1.6765	1.3207	0.7383	0.5394	
	1.3991	1.3891	1.4195	1.4092	1.5187	1.9564	3.1804	
14	1.8128	1.8519	1.7952	1.5997	1.0046	0.5394		
	1.3483	1.3185	1.3526	1.4960	1.9442	3.1761		
15	1.0279	1.0480	0.9920	0.8617	F-SUB-Q			
	1.9778	2.0850	2.0694	2.4002	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9128	* 1.2335	* 1.6359	* 1.4529	* 1.7627	* 1.6106	* 1.8267	* 1.0301
	* 2.0819	* 1.8892	* 1.5185	* 1.5970	* 1.4098	* 1.4248	* 1.3594	* 2.0078
9	* 1.2335	* 1.6234	* 1.4712	* 1.8229	* 1.6388	* 1.6314	* 1.8669	* 1.0501
	* 1.8892	* 1.5287	* 1.5727	* 1.3629	* 1.4005	* 1.4143	* 1.3287	* 2.1153
10	* 1.6359	* 1.4713	* 1.4180	* 1.4997	* 1.7773	* 1.5823	* 1.8082	* 0.9942
	* 1.5185	* 1.5727	* 1.6353	* 1.5353	* 1.3893	* 1.4388	* 1.3586	* 2.0954
11	* 1.4529	* 1.8229	* 1.4999	* 1.6566	* 1.4012	* 1.6881	* 1.6110	* 0.8622
	* 1.5970	* 1.3629	* 1.5351	* 1.4769	* 1.5696	* 1.4206	* 1.5026	* 2.4251
12	* 1.7627	* 1.6388	* 1.7774	* 1.4012	* 1.0205	* 1.3298	* 1.0063	
	* 1.4098	* 1.4005	* 1.3893	* 1.5696	* 1.7038	* 1.5365	* 1.9715	
13	* 1.6106	* 1.6321	* 1.5825	* 1.6881	* 1.3299	* 0.7367	* 0.5354	
	* 1.4248	* 1.4138	* 1.4387	* 1.4206	* 1.5365	* 1.9987	* 3.2645	
14	* 1.8267	* 1.8671	* 1.8083	* 1.6111	* 1.0065	* 0.5353		
	* 1.3594	* 1.3285	* 1.3585	* 1.5026	* 1.9716	* 3.2601		
15	* 1.0301	* 1.0504	* 0.9942	* 0.8622	* F-SUB-Q			
	* 2.0078	* 2.1155	* 2.0950	* 2.4249	* M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9043	* 1.2172	* 1.6049	* 1.4225	* 1.7288	* 1.5778	* 1.7962	* 1.0147
	* 2.1636	* 1.9480	* 1.5725	* 1.6568	* 1.4589	* 1.4725	* 1.4001	* 2.0657
9	* 1.2172	* 1.5932	* 1.4388	* 1.7912	* 1.6040	* 1.5984	* 1.8364	* 1.0350
	* 1.9480	* 1.5822	* 1.6332	* 1.4078	* 1.4531	* 1.4605	* 1.3669	* 2.1730
10	* 1.6049	* 1.4389	* 1.3859	* 1.4690	* 1.7489	* 1.5500	* 1.7784	* 0.9812
	* 1.5725	* 1.6331	* 1.6981	* 1.5921	* 1.4350	* 1.4907	* 1.4005	* 2.1510
11	* 1.4225	* 1.7912	* 1.4692	* 1.6318	* 1.3757	* 1.6610	* 1.5850	* 0.8501
	* 1.6568	* 1.4078	* 1.5919	* 1.5209	* 1.6250	* 1.4645	* 1.5550	* 2.5025
12	* 1.7288	* 1.6040	* 1.7490	* 1.3757	* 1.0123	* 1.3116	* 0.9950	
	* 1.4589	* 1.4531	* 1.4350	* 1.6250	* 1.7722	* 1.5928	* 2.0307	
13	* 1.5778	* 1.5991	* 1.5502	* 1.6611	* 1.3117	* 0.7321	* 0.5273	
	* 1.4725	* 1.4600	* 1.4906	* 1.4645	* 1.5927	* 2.0727	* 3.3965	
14	* 1.7962	* 1.8365	* 1.7785	* 1.5850	* 0.9951	* 0.5272		
	* 1.4001	* 1.3668	* 1.4005	* 1.5550	* 2.0308	* 3.3918		
15	* 1.0147	* 1.0352	* 0.9812	* 0.8501	* F-SUB-Q			
	* 2.0657	* 2.1732	* 2.1505	* 2.5023	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8943	1.1901	1.5818	1.3933	1.7025	1.5482	1.7735	0.9897
	2.2397	2.0218	1.6357	1.7325	1.5162	1.5312	1.4458	2.1592
9	1.1901	1.5731	1.4113	1.7683	1.5741	1.5700	1.8145	1.0109
	2.0218	1.6437	1.7064	1.4600	1.5157	1.5182	1.4112	2.2697
10	1.5818	1.4114	1.3587	1.4411	1.7291	1.5230	1.7579	0.9562
	1.6357	1.7064	1.7755	1.6631	1.4872	1.5528	1.4490	2.2558
11	1.3933	1.7683	1.4413	1.6155	1.3538	1.6432	1.5682	0.8281
	1.7325	1.4600	1.6630	1.5567	1.6767	1.5013	1.6127	2.6341
12	1.7025	1.5740	1.7291	1.3537	1.0017	1.3012	0.9732	
	1.5162	1.5157	1.4872	1.6767	1.8389	1.6413	2.1162	
13	1.5482	1.5707	1.5231	1.6432	1.3013	0.7216	0.5139	
	1.5312	1.5176	1.5526	1.5013	1.6413	2.1696	3.5696	
14	1.7735	1.8147	1.7580	1.5682	0.9733	0.5139		
	1.4458	1.4111	1.4489	1.6127	2.1163	3.5647		
15	0.9897	1.0112	0.9563	0.8280	F-SUB-Q			
	2.1592	2.2699	2.2553	2.6340	M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8822	1.1678	1.5542	1.3640	1.6708	1.5159	1.7425	0.9679
	2.3302	2.1061	1.7228	1.8294	1.5958	1.6111	1.5150	2.2732
9	1.1678	1.5477	1.3829	1.7384	1.5423	1.5385	1.7838	0.9899
	2.1061	1.7189	1.8022	1.5346	1.5983	1.5969	1.4785	2.3878
10	1.5542	1.3830	1.3307	1.4124	1.7017	1.4933	1.7292	0.9359
	1.7228	1.8022	1.8767	1.7555	1.5626	1.6354	1.5203	2.3776
11	1.3640	1.7385	1.4126	1.5914	1.3301	1.6187	1.5445	0.8105
	1.8294	1.5346	1.7553	1.6094	1.7396	1.5526	1.6687	2.7836
12	1.6708	1.5423	1.7017	1.3300	0.9889	1.2854	0.9566	
	1.5958	1.5983	1.5626	1.7396	1.9057	1.6963	2.1934	
13	1.5159	1.5391	1.4934	1.6187	1.2854	0.7138	0.5043	
	1.6111	1.5963	1.6353	1.5526	1.6963	2.2584	3.7199	
14	1.7425	1.7839	1.7293	1.5445	0.9567	0.5043		
	1.5150	1.4784	1.5203	1.6687	2.1935	3.7147		
15	0.9679	0.9902	0.9359	0.8105	F-SUB-Q			
	2.2732	2.3879	2.3771	2.7835	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8689	1.1487	1.5368	1.3416	1.6493	1.4910	1.7210	0.9478
	2.4431	2.2023	1.8202	1.9401	1.6850	1.7030	1.5940	2.4121
9	1.1487	1.5330	1.3626	1.7195	1.5189	1.5149	1.7630	0.9711
	2.2023	1.7845	1.9104	1.6181	1.6919	1.6868	1.5551	2.5305
10	1.5368	1.3628	1.3109	1.3913	1.6850	1.4717	1.7107	0.9164
	1.8202	1.9103	1.9794	1.8599	1.6378	1.7132	1.6007	2.5275
11	1.3416	1.7195	1.3914	1.5775	1.3127	1.6039	1.5302	0.7932
	1.9401	1.6181	1.8598	1.6731	1.8173	1.6150	1.7340	2.9684
12	1.6493	1.5189	1.6850	1.3127	0.9744	1.2763	0.9414	
	1.6850	1.6919	1.6378	1.8173	1.9919	1.7643	2.3006	
13	1.4910	1.5155	1.4718	1.6039	1.2764	0.7040	0.4959	
	1.7030	1.6862	1.7131	1.6150	1.7643	2.3724	3.9144	
14	1.7210	1.7631	1.7108	1.5302	0.9415	0.4959		
	1.5940	1.5550	1.6007	1.7340	2.3007	3.9089		
15	0.9478	0.9713	0.9165	0.7931	F-SUB-Q			
	2.4121	2.5306	2.5269	2.9683	M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8671	1.1450	1.5037	1.3197	1.6102	1.4582	1.6780	0.9398
	2.5760	2.3053	1.9392	2.0759	1.8147	1.8262	1.7137	2.5517
9	1.1450	1.5017	1.3351	1.6802	1.4879	1.4825	1.7195	0.9617
	2.3053	1.8891	2.0343	1.7419	1.8167	1.8082	1.6718	2.6794
10	1.5037	1.3352	1.2847	1.3651	1.6480	1.4424	1.6712	0.9121
	1.9392	2.0342	2.0954	1.9651	1.7303	1.8085	1.7193	2.6662
11	1.3197	1.6802	1.3653	1.5450	1.2915	1.5719	1.4985	0.7922
	2.0759	1.7419	1.9650	1.7709	1.9214	1.7095	1.8322	3.0831
12	1.6102	1.4879	1.6480	1.2915	0.9727	1.2565	0.9437	
	1.8147	1.8167	1.7303	1.9214	2.1185	1.8791	2.3938	
13	1.4582	1.4831	1.4425	1.5719	1.2566	0.7100	0.5003	
	1.8262	1.8076	1.8084	1.7095	1.8791	2.4757	4.0765	
14	1.6780	1.7196	1.6713	1.4984	0.9438	0.5003		
	1.7137	1.6717	1.7193	1.8322	2.3939	4.0704		
15	0.9398	0.9619	0.9121	0.7922	F-SUB-Q			
	2.5517	2.6796	2.6657	3.0830	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8633	1.1342	1.5122	1.3097	1.6142	1.4514	1.6826	0.9220
	2.7065	2.4362	2.0250	2.2145	1.9177	1.9385	1.8051	2.7437
9	1.1342	1.5157	1.3352	1.6896	1.4848	1.4778	1.7260	0.9475
	2.4362	1.9668	2.1354	1.8150	1.9066	1.9174	1.7597	2.8719
10	1.5122	1.3353	1.2852	1.3636	1.6613	1.4415	1.6817	0.8953
	2.0250	2.1353	2.1986	2.0638	1.8019	1.8912	1.7897	2.8721
11	1.3097	1.6896	1.3637	1.5628	1.2967	1.5893	1.5146	0.7788
	2.2145	1.8150	2.0637	1.8374	2.0080	1.7752	1.9025	3.2879
12	1.6142	1.4847	1.6613	1.2966	0.9713	1.2771	0.9369	
	1.9177	1.9066	1.8019	2.0081	2.2105	1.9471	2.5379	
13	1.4514	1.4784	1.4416	1.5893	1.2772	0.7095	0.4959	
	1.9385	1.9167	1.8911	1.7752	1.9471	2.6332	4.3506	
14	1.6826	1.7261	1.6818	1.5146	0.9370	0.4959		
	1.8051	1.7596	1.7896	1.9025	2.5380	4.3444		
15	0.9220	0.9477	0.8953	0.7787	F-SUB-Q			
	2.7437	2.8721	2.8716	3.2879	M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8813	1.1409	1.5127	1.3032	1.6072	1.4398	1.6724	0.9147
	2.7694	2.4845	2.0716	2.2751	1.9865	2.0591	1.9263	2.9368
9	1.1409	1.5235	1.3328	1.6862	1.4791	1.4682	1.7171	0.9413
	2.4845	2.0118	2.1881	1.8769	1.9748	2.0272	1.8710	3.0642
10	1.5127	1.3329	1.2839	1.3611	1.6634	1.4416	1.6791	0.8909
	2.0716	2.1880	2.2663	2.1386	1.8803	1.9914	1.8838	3.0272
11	1.3032	1.6862	1.3613	1.5741	1.3079	1.6012	1.5229	0.7784
	2.2751	1.8769	2.1385	1.9160	2.1070	1.8716	2.0105	3.4549
12	1.6072	1.4790	1.6634	1.3078	0.9944	1.3068	0.9506	
	1.9865	1.9748	1.8803	2.1071	2.3359	2.0575	2.6792	
13	1.4398	1.4687	1.4417	1.6012	1.3068	0.7372	0.5074	
	2.0591	2.0265	1.9914	1.8716	2.0575	2.7842	4.5991	
14	1.6724	1.7172	1.6791	1.5229	0.9507	0.5074		
	1.9263	1.8710	1.8838	2.0106	2.6793	4.5924		
15	0.9147	0.9416	0.8909	0.7784	F-SUB-Q			
	2.9368	3.0644	3.0267	3.4549	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9567	* 1.1631	* 1.5060	* 1.2989	* 1.5903	* 1.4243	* 1.6504	* 0.9158
	* 2.7234	* 2.4387	* 2.0524	* 2.2471	* 1.9703	* 2.0401	* 1.9127	* 2.8752
9	* 1.1631	* 1.5268	* 1.3275	* 1.6729	* 1.4713	* 1.4542	* 1.6963	* 0.9408
	* 2.4387	* 1.9928	* 2.1665	* 1.8615	* 1.9550	* 2.0080	* 1.8579	* 3.0055
10	* 1.5060	* 1.3276	* 1.2807	* 1.3574	* 1.6564	* 1.4413	* 1.6662	* 0.8956
	* 2.0524	* 2.1664	* 2.2459	* 2.1165	* 1.8632	* 1.9743	* 1.8710	* 2.9597
11	* 1.2989	* 1.6729	* 1.3575	* 1.5817	* 1.3270	* 1.6121	* 1.5254	* 0.7875
	* 2.2471	* 1.8615	* 2.1164	* 1.9016	* 2.0886	* 1.8588	* 1.9974	* 3.3762
12	* 1.5903	* 1.4712	* 1.6564	* 1.3269	* 1.0786	* 1.3569	* 0.9825	*
	* 1.9703	* 1.9550	* 1.8632	* 2.0887	* 2.3174	* 2.0526	* 2.6188	*
13	* 1.4243	* 1.4547	* 1.4413	* 1.6121	* 1.3569	* 0.8120	* 0.5335	*
	* 2.0401	* 2.0073	* 1.9742	* 1.8588	* 2.0526	* 2.7259	* 4.4883	*
14	* 1.6504	* 1.6964	* 1.6662	* 1.5254	* 0.9826	* 0.5335	*	*
	* 1.9127	* 1.8578	* 1.8710	* 1.9974	* 2.6189	* 4.4812	*	*
15	* 0.9158	* 0.9411	* 0.8956	* 0.7874	* F-SUB-Q			
	* 2.8752	* 3.0057	* 2.9592	* 3.3762	* M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0327	* 1.1754	* 1.5316	* 1.3014	* 1.6073	* 1.4279	* 1.6666	* 0.9045
	* 2.6817	* 2.4017	* 1.9942	* 2.2001	* 1.9123	* 1.9821	* 1.8449	* 2.8206
9	* 1.1754	* 1.5659	* 1.3426	* 1.7000	* 1.4844	* 1.4609	* 1.7154	* 0.9344
	* 2.4017	* 1.9357	* 2.1162	* 1.8075	* 1.9111	* 1.9560	* 1.7974	* 2.9452
10	* 1.5316	* 1.3427	* 1.2967	* 1.3713	* 1.6894	* 1.4646	* 1.6933	* 0.8870
	* 1.9942	* 2.1160	* 2.1980	* 2.0740	* 1.8146	* 1.9328	* 1.8182	* 2.9373
11	* 1.3014	* 1.7000	* 1.3714	* 1.6361	* 1.3661	* 1.6679	* 1.5661	* 0.7835
	* 2.2001	* 1.8075	* 2.0739	* 1.8507	* 2.0488	* 1.8113	* 1.9451	* 3.3622
12	* 1.6073	* 1.4843	* 1.6894	* 1.3660	* 1.1936	* 1.4619	* 1.0016	*
	* 1.9123	* 1.9112	* 1.8146	* 2.0489	* 2.2716	* 1.9977	* 2.6063	*
13	* 1.4279	* 1.4615	* 1.4647	* 1.6679	* 1.4619	* 0.8806	* 0.5481	*
	* 1.9821	* 1.9554	* 1.9328	* 1.8113	* 1.9977	* 2.7173	* 4.4982	*
14	* 1.6666	* 1.7154	* 1.6933	* 1.5660	* 1.0018	* 0.5481	*	*
	* 1.8449	* 1.7973	* 1.8182	* 1.9451	* 2.6064	* 4.4915	*	*
15	* 0.9045	* 0.9347	* 0.8869	* 0.7834	* F-SUB-Q			
	* 2.8206	* 2.9454	* 2.9368	* 3.3622	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0785	1.1965	1.5475	1.3060	1.6153	1.4284	1.6719	0.9018
	2.4887	2.2425	1.8764	2.0762	1.8093	1.8894	1.7579	2.6808
9	1.1965	1.5920	1.3527	1.7155	1.4931	1.4637	1.7229	0.9335
	2.2425	1.8117	1.9918	1.7138	1.8152	1.8616	1.7109	2.7935
10	1.5475	1.3529	1.3078	1.3817	1.7095	1.4809	1.7079	0.8849
	1.8764	1.9917	2.0692	1.9642	1.7210	1.8373	1.7321	2.7858
11	1.3060	1.7155	1.3818	1.6725	1.3953	1.7055	1.5928	0.7862
	2.0762	1.7138	1.9641	1.7463	1.9369	1.7178	1.8406	3.1735
12	1.6153	1.4930	1.7095	1.3951	1.2618	1.5315	1.0232	
	1.8093	1.8153	1.7210	1.9370	2.1405	1.8838	2.4596	
13	1.4284	1.4643	1.4809	1.7055	1.5315	0.9267	0.5646	
	1.8894	1.8610	1.8373	1.7179	1.8838	2.5540	4.1907	
14	1.6719	1.7230	1.7079	1.5927	1.0233	0.5647		
	1.7579	1.7108	1.7321	1.8407	2.4596	4.1845		
15	0.9018	0.9338	0.8849	0.7861	F-SUB-Q			
	2.6808	2.7936	2.7853	3.1736	M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0985	1.2095	1.5574	1.3098	1.6196	1.4281	1.6731	0.9032
	2.2930	2.0659	1.7246	1.9108	1.6655	1.7457	1.6229	2.4740
9	1.2095	1.6104	1.3595	1.7252	1.4995	1.4652	1.7256	0.9361
	2.0659	1.6667	1.8342	1.5747	1.6699	1.7175	1.5777	2.5741
10	1.5574	1.3596	1.3155	1.3898	1.7240	1.4912	1.7158	0.8910
	1.7246	1.8341	1.9105	1.8117	1.5852	1.6951	1.5944	2.5548
11	1.3098	1.7252	1.3899	1.6941	1.4127	1.7274	1.6087	0.7939
	1.9108	1.5747	1.8116	1.6067	1.7857	1.5813	1.6954	2.9197
12	1.6196	1.4994	1.7239	1.4126	1.2896	1.5659	1.0438	
	1.6655	1.6699	1.5853	1.7858	1.9716	1.7315	2.2550	
13	1.4281	1.4658	1.4912	1.7274	1.5659	0.9547	0.5784	
	1.7457	1.7169	1.6951	1.5814	1.7315	2.3406	3.8508	
14	1.6731	1.7256	1.7158	1.6086	1.0439	0.5784		
	1.6229	1.5776	1.5945	1.6954	2.2550	3.8449		
15	0.9032	0.9364	0.8910	0.7938	F-SUB-Q			
	2.4740	2.5742	2.5545	2.9197	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1128	1.2269	1.5592	1.3166	1.6174	1.4264	1.6670	0.9140
	2.2846	2.0534	1.7287	1.9158	1.6757	1.7572	1.6368	2.4631
9	1.2269	1.6155	1.3622	1.7255	1.5024	1.4645	1.7200	0.9439
	2.0534	1.6706	1.8380	1.5809	1.6740	1.7271	1.5902	2.5674
10	1.5592	1.3623	1.3188	1.3948	1.7289	1.4958	1.7138	0.9027
	1.7287	1.8379	1.9145	1.8131	1.5898	1.7006	1.6018	2.5348
11	1.3166	1.7255	1.3949	1.7005	1.4212	1.7340	1.6118	0.8067
	1.9158	1.5809	1.8130	1.6153	1.7933	1.5903	1.7058	2.8877
12	1.6174	1.5023	1.7288	1.4211	1.3012	1.5779	1.0664	
	1.6757	1.6740	1.5899	1.7934	1.9794	1.7401	2.2338	
13	1.4264	1.4650	1.4958	1.7339	1.5779	0.9800	0.5938	
	1.7572	1.7266	1.7006	1.5903	1.7401	2.3142	3.8114	
14	1.6671	1.7201	1.7138	1.6118	1.0665	0.5939		
	1.6368	1.5902	1.6018	1.7059	2.2339	3.8049		
15	0.9140	0.9441	0.9026	0.8066	F-SUB-Q			
	2.4631	2.5676	2.5345	2.8878	M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1237	1.2337	1.5912	1.3277	1.6484	1.4429	1.6990	0.9083
	2.1104	1.9071	1.5879	1.7775	1.5424	1.6301	1.5065	2.3232
9	1.2337	1.6527	1.3823	1.7633	1.5240	1.4834	1.7552	0.9439
	1.9071	1.5287	1.6984	1.4504	1.5476	1.5995	1.4619	2.4096
10	1.5912	1.3824	1.3381	1.4132	1.7665	1.5205	1.7510	0.8968
	1.5879	1.6983	1.7690	1.6773	1.4569	1.5659	1.4687	2.3933
11	1.3277	1.7633	1.4133	1.7428	1.4447	1.7749	1.6504	0.8020
	1.7775	1.4504	1.6772	1.4756	1.6514	1.4539	1.5585	2.7207
12	1.6484	1.5239	1.7664	1.4445	1.3252	1.6191	1.0656	
	1.5424	1.5476	1.4570	1.6515	1.8183	1.5907	2.0962	
13	1.4429	1.4840	1.5205	1.7748	1.6191	0.9796	0.5907	
	1.6301	1.5990	1.5659	1.4540	1.5907	2.1737	3.6031	
14	1.6990	1.7552	1.7509	1.6503	1.0657	0.5907		
	1.5065	1.4618	1.4687	1.5586	2.0962	3.5977		
15	0.9083	0.9442	0.8968	0.8020	F-SUB-Q			
	2.3232	2.4097	2.3929	2.7207	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1341	1.2450	1.6074	1.3382	1.6638	1.4536	1.7140	0.9138
	1.9722	1.7876	1.4876	1.6701	1.4464	1.5320	1.4132	2.1879
9	1.2450	1.6714	1.3943	1.7820	1.5378	1.4953	1.7720	0.9507
	1.7876	1.4292	1.5941	1.3579	1.4516	1.5020	1.3705	2.2660
10	1.6074	1.3944	1.3498	1.4256	1.7862	1.5353	1.7687	0.9030
	1.4876	1.5940	1.6601	1.5737	1.3620	1.4653	1.3745	2.2504
11	1.3382	1.7820	1.4257	1.7630	1.4589	1.7955	1.6690	0.8083
	1.6701	1.3579	1.5736	1.3780	1.5449	1.3564	1.4552	2.5541
12	1.6638	1.5377	1.7861	1.4587	1.3390	1.6393	1.0766	
	1.4464	1.4516	1.3621	1.5450	1.6938	1.4802	1.9577	
13	1.4536	1.4959	1.5353	1.7954	1.6394	0.9902	0.5961	
	1.5320	1.5015	1.4654	1.3565	1.4802	2.0272	3.3708	
14	1.7140	1.7720	1.7687	1.6689	1.0768	0.5962		
	1.4132	1.3704	1.3746	1.4552	1.9578	3.3657		
15	0.9138	0.9510	0.9030	0.8082	F-SUB-Q			
	2.1879	2.2661	2.2500	2.5542	M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1439	1.2594	1.5996	1.3464	1.6551	1.4537	1.7029	0.9291
	1.8700	1.6895	1.4255	1.5907	1.3884	1.4633	1.3578	2.0600
9	1.2594	1.6633	1.3933	1.7717	1.5384	1.4947	1.7606	0.9619
	1.6895	1.3675	1.5224	1.3012	1.3840	1.4350	1.3165	2.1407
10	1.5996	1.3934	1.3494	1.4272	1.7787	1.5350	1.7575	0.9195
	1.4255	1.5223	1.5846	1.4988	1.3013	1.3962	1.3190	2.1120
11	1.3464	1.7717	1.4274	1.7529	1.4594	1.7869	1.6588	0.8242
	1.5907	1.3012	1.4987	1.3181	1.4699	1.2955	1.3933	2.3925
12	1.6551	1.5383	1.7787	1.4592	1.3391	1.6313	1.0988	
	1.3884	1.3840	1.3014	1.4700	1.6105	1.4121	1.8264	
13	1.4537	1.4953	1.5350	1.7869	1.6313	1.0123	0.6114	
	1.4633	1.4345	1.3962	1.2955	1.4121	1.8860	3.1362	
14	1.7029	1.7606	1.7575	1.6587	1.0989	0.6115		
	1.3578	1.3165	1.3190	1.3934	1.8264	3.1313		
15	0.9291	0.9621	0.9195	0.8241	F-SUB-Q			
	2.0600	2.1408	2.1117	2.3925	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.1388	* 1.2489	* 1.6060	* 1.3388	* 1.6616	* 1.4583	* 1.7103	* 0.9136
	* 1.7973	* 1.6299	* 1.3604	* 1.5286	* 1.3248	* 1.3998	* 1.2964	* 2.0144
9	* 1.2489	* 1.6726	* 1.3980	* 1.7795	* 1.5427	* 1.4992	* 1.7692	* 0.9515
	* 1.6299	* 1.3029	* 1.4545	* 1.2409	* 1.3224	* 1.3722	* 1.2552	* 2.0828
10	* 1.6060	* 1.3982	* 1.3546	* 1.4290	* 1.7833	* 1.5413	* 1.7663	* 0.9039
	* 1.3604	* 1.4544	* 1.5139	* 1.4346	* 1.2432	* 1.3320	* 1.2569	* 2.0665
11	* 1.3388	* 1.7795	* 1.4292	* 1.7576	* 1.4626	* 1.7963	* 1.6672	* 0.8105
	* 1.5286	* 1.2409	* 1.4345	* 1.2592	* 1.4056	* 1.2341	* 1.3281	* 2.3401
12	* 1.6616	* 1.5426	* 1.7833	* 1.4625	* 1.3446	* 1.6411	* 1.0832	
	* 1.3248	* 1.3224	* 1.2432	* 1.4057	* 1.5380	* 1.3449	* 1.7762	
13	* 1.4583	* 1.4998	* 1.5414	* 1.7963	* 1.6411	* 0.9985	* 0.6004	
	* 1.3998	* 1.3717	* 1.3320	* 1.2342	* 1.3449	* 1.8344	* 3.0747	
14	* 1.7103	* 1.7693	* 1.7663	* 1.6671	* 1.0834	* 0.6004		
	* 1.2964	* 1.2552	* 1.2570	* 1.3282	* 1.7763	* 3.0701		
15	* 0.9136	* 0.9518	* 0.9038	* 0.8104	* F-SUB-Q			
	* 2.0144	* 2.0829	* 2.0662	* 2.3402	* M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0989	* 1.2014	* 1.5292	* 1.2830	* 1.5807	* 1.4027	* 1.6261	* 0.8734
	* 1.8038	* 1.6394	* 1.3810	* 1.5423	* 1.3458	* 1.4075	* 1.3181	* 2.0412
9	* 1.2014	* 1.5932	* 1.3454	* 1.6914	* 1.4822	* 1.4441	* 1.6806	* 0.9097
	* 1.6394	* 1.3221	* 1.4620	* 1.2614	* 1.3304	* 1.3770	* 1.2771	* 2.1103
10	* 1.5292	* 1.3455	* 1.3063	* 1.3744	* 1.6917	* 1.4813	* 1.6787	* 0.8616
	* 1.3810	* 1.4619	* 1.5190	* 1.4414	* 1.2659	* 1.3396	* 1.2783	* 2.1002
11	* 1.2830	* 1.6914	* 1.3745	* 1.6659	* 1.4043	* 1.7078	* 1.5824	* 0.7750
	* 1.5423	* 1.2614	* 1.4413	* 1.2834	* 1.4153	* 1.2542	* 1.3528	* 2.3716
12	* 1.5807	* 1.4821	* 1.6917	* 1.4042	* 1.2952	* 1.5611	* 1.0371	
	* 1.3458	* 1.3304	* 1.2660	* 1.4154	* 1.5451	* 1.3672	* 1.7962	
13	* 1.4027	* 1.4447	* 1.4814	* 1.7077	* 1.5612	* 0.9595	* 0.5772	
	* 1.4075	* 1.3765	* 1.3396	* 1.2543	* 1.3671	* 1.8489	* 3.1045	
14	* 1.6261	* 1.6806	* 1.6787	* 1.5824	* 1.0372	* 0.5772		
	* 1.3181	* 1.2771	* 1.2783	* 1.3528	* 1.7962	* 3.0999		
15	* 0.8734	* 0.9100	* 0.8616	* 0.7749	* F-SUB-Q			
	* 2.0412	* 2.1104	* 2.0998	* 2.3717	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 75% POWER, 485 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9544	* 1.0397	* 1.2892	* 1.1025	* 1.3235	* 1.2110	* 1.3652	* 0.7479
	* 2.0272	* 1.8465	* 1.5943	* 1.7483	* 1.5645	* 1.5880	* 1.5284	* 2.3283
9	* 1.0397	* 1.3452	* 1.1482	* 1.4325	* 1.2779	* 1.2493	* 1.4099	* 0.7747
	* 1.8465	* 1.5246	* 1.6685	* 1.4481	* 1.5022	* 1.5510	* 1.4823	* 2.4194
10	* 1.2892	* 1.1483	* 1.1146	* 1.1909	* 1.4325	* 1.2734	* 1.4096	* 0.7288
	* 1.5943	* 1.6685	* 1.7344	* 1.6197	* 1.4529	* 1.5178	* 1.4824	* 2.4237
11	* 1.1025	* 1.4325	* 1.1910	* 1.4115	* 1.1902	* 1.4307	* 1.3314	* 0.6585
	* 1.7483	* 1.4481	* 1.6196	* 1.4731	* 1.6247	* 1.4565	* 1.5651	* 2.7273
12	* 1.3235	* 1.2778	* 1.4325	* 1.1901	* 1.1059	* 1.3157	* 0.8833	*
	* 1.5645	* 1.5022	* 1.4529	* 1.6248	* 1.7637	* 1.5795	* 2.0577	*
13	* 1.2110	* 1.2497	* 1.2734	* 1.4306	* 1.3157	* 0.8196	* 0.4962	*
	* 1.5880	* 1.5505	* 1.5177	* 1.4565	* 1.5795	* 2.1134	* 3.5334	*
14	* 1.3652	* 1.4099	* 1.4096	* 1.3313	* 0.8834	* 0.4961	*	*
	* 1.5284	* 1.4822	* 1.4824	* 1.5651	* 2.0577	* 3.5289	*	*
15	* 0.7479	* 0.7749	* 0.7287	* 0.6584	* F-SUB-Q			
	* 2.3283	* 2.4195	* 2.4233	* 2.7273	* M-SUB-Q			

AT 75% POWER, 485 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4929	* 0.5325	* 0.6373	* 0.5647	* 0.6540	* 0.5649	* 0.6168	* 0.3548
	* 3.8547	* 3.5369	* 3.1604	* 3.3442	* 3.1006	* 3.3322	* 3.3124	* 4.8122
9	* 0.5325	* 0.6183	* 0.5506	* 0.6624	* 0.5979	* 0.5784	* 0.6185	* 0.3639
	* 3.5369	* 3.2481	* 3.4078	* 3.0622	* 3.1399	* 3.2776	* 3.3050	* 5.0486
10	* 0.6373	* 0.5506	* 0.5366	* 0.5812	* 0.6672	* 0.5883	* 0.6171	* 0.3468
	* 3.1604	* 3.4077	* 3.5282	* 3.2479	* 3.0483	* 3.2102	* 3.3126	* 4.9935
11	* 0.5647	* 0.6624	* 0.5813	* 0.6568	* 0.5693	* 0.6515	* 0.5927	* 0.3113
	* 3.3442	* 3.0622	* 3.2478	* 3.0952	* 3.3233	* 3.1297	* 3.4473	* 5.6592
12	* 0.6540	* 0.5979	* 0.6672	* 0.5692	* 0.5285	* 0.5912	* 0.4161	*
	* 3.1006	* 3.1398	* 3.0483	* 3.3234	* 3.6166	* 3.4475	* 4.2878	*
13	* 0.5649	* 0.5785	* 0.5883	* 0.6515	* 0.5912	* 0.3929	* 0.2413	*
	* 3.3322	* 3.2771	* 3.2102	* 3.1298	* 3.4473	* 4.3290	* 7.1257	*
14	* 0.6168	* 0.6185	* 0.6171	* 0.5927	* 0.4162	* 0.2414	*	*
	* 3.3124	* 3.3049	* 3.3126	* 3.4474	* 4.2879	* 7.1131	*	*
15	* 0.3548	* 0.3640	* 0.3468	* 0.3112	* F-SUB-Q			
	* 4.8122	* 5.0492	* 4.9926	* 5.6591	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.4219	* 0.5680	* 0.6999	* 0.6397	* 0.7550	* 0.6598	* 0.6745	* 0.3603
	* 4.7604	* 4.5044	* 3.6606	* 3.9898	* 3.3921	* 3.8932	* 3.8522	* 6.5581
9	* 0.5680	* 0.6609	* 0.6151	* 0.7204	* 0.6652	* 0.6564	* 0.6670	* 0.3639
	* 4.5044	* 3.9092	* 4.1700	* 3.5573	* 3.8399	* 3.9143	* 3.8918	* 6.6453
10	* 0.6999	* 0.6152	* 0.5762	* 0.6239	* 0.6840	* 0.6113	* 0.6218	* 0.3375
	* 3.6606	* 4.1697	* 4.5016	* 4.1021	* 3.7290	* 4.1511	* 4.0901	* 6.8917
11	* 0.6397	* 0.7205	* 0.6240	* 0.6194	* 0.5313	* 0.5884	* 0.5440	* 0.2760
	* 3.9898	* 3.5571	* 4.1013	* 4.1600	* 4.6839	* 4.1434	* 4.6211	* 8.2566
12	* 0.7550	* 0.6653	* 0.6841	* 0.5314	* 0.3805	* 0.4340	* 0.3433	*
	* 3.3921	* 3.8396	* 3.7283	* 4.6831	* 5.0489	* 4.6680	* 6.0336	*
13	* 0.6598	* 0.6567	* 0.6115	* 0.5886	* 0.4341	* 0.2504	* 0.1585	*
	* 3.8932	* 3.9128	* 4.1497	* 4.1425	* 4.6669	* 6.2307	* 11.3633	*
14	* 0.6745	* 0.6671	* 0.6220	* 0.5441	* 0.3434	* 0.1586	*	*
	* 3.8522	* 3.8908	* 4.0887	* 4.6196	* 6.0313	* 11.3562	*	*
15	* 0.3603	* 0.3640	* 0.3376	* 0.2761	* F-SUB-Q			
	* 6.5581	* 6.6440	* 6.8891	* 8.2539	* 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	* 0.8819	* 1.2017	* 1.5243	* 1.3228	* 1.6214	* 1.5293	* 1.6329	* 0.8226
	* 2.3633	* 2.1913	* 1.7298	* 1.9892	* 1.6271	* 1.7282	* 1.6399	* 2.9631
9	* 1.2017	* 1.5715	* 1.3805	* 1.5906	* 1.5148	* 1.5506	* 1.6586	* 0.8204
	* 2.1913	* 1.6878	* 1.9153	* 1.6621	* 1.7402	* 1.7098	* 1.6047	* 3.0245
10	* 1.5243	* 1.3806	* 1.3259	* 1.3538	* 1.4865	* 1.4409	* 1.5621	* 0.7686
	* 1.7298	* 1.9151	* 2.0193	* 1.9483	* 1.7665	* 1.8162	* 1.6763	* 3.1124
11	* 1.3228	* 1.5907	* 1.3541	* 1.3349	* 1.1599	* 1.4027	* 1.3060	* 0.6494
	* 1.9892	* 1.6619	* 1.9478	* 1.9701	* 2.1238	* 1.7846	* 1.9773	* 3.6220
12	* 1.6214	* 1.5149	* 1.4868	* 1.1601	* 0.8208	* 1.0524	* 0.8125	*
	* 1.6271	* 1.7401	* 1.7661	* 2.1235	* 2.2258	* 1.9238	* 2.6062	*
13	* 1.5293	* 1.5515	* 1.4414	* 1.4031	* 1.0527	* 0.5992	* 0.3717	*
	* 1.7282	* 1.7088	* 1.8155	* 1.7842	* 1.9235	* 2.6481	* 4.9565	*
14	* 1.6329	* 1.6591	* 1.5626	* 1.3064	* 0.8128	* 0.3716	*	*
	* 1.6399	* 1.6043	* 1.6757	* 1.9767	* 2.6053	* 4.9567	*	*
15	* 0.8226	* 0.8208	* 0.7688	* 0.6496	* F-SUB-Q			
	* 2.9631	* 3.0237	* 3.1113	* 3.6209	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.0005	* 1.3400	* 1.4929	* 1.4514	* 1.4887	* 1.7536	* 1.6950	* 0.9097
	* 2.0978	* 2.0056	* 1.8072	* 1.8558	* 1.8121	* 1.5405	* 1.5963	* 2.7108
9	* 1.3400	* 1.5389	* 1.5831	* 1.5732	* 1.6938	* 1.7757	* 1.6989	* 0.8863
	* 2.0056	* 1.7588	* 1.7054	* 1.7175	* 1.5910	* 1.5182	* 1.5914	* 2.8438
10	* 1.4929	* 1.5833	* 1.5903	* 1.5319	* 1.6065	* 1.6591	* 1.6475	* 0.8520
	* 1.8072	* 1.7053	* 1.7027	* 1.7617	* 1.6741	* 1.6127	* 1.6264	* 2.8635
11	* 1.4514	* 1.5732	* 1.5323	* 1.4464	* 1.3091	* 1.3680	* 1.4606	* 0.7627
	* 1.8558	* 1.7174	* 1.7613	* 1.8647	* 1.8984	* 1.9353	* 1.8125	* 3.1559
12	* 1.4887	* 1.6941	* 1.6069	* 1.3094	* 0.9421	* 1.1633	* 0.9314	
	* 1.8121	* 1.5907	* 1.6737	* 1.8982	* 1.8839	* 1.7247	* 2.3073	
13	* 1.7536	* 1.7765	* 1.6598	* 1.3684	* 1.1636	* 0.7409	* 0.4538	
	* 1.5405	* 1.5175	* 1.6120	* 1.9349	* 1.7244	* 2.1790	* 4.1341	
14	* 1.6950	* 1.6993	* 1.6480	* 1.4610	* 0.9318	* 0.4537		
	* 1.5963	* 1.5910	* 1.6258	* 1.8119	* 2.3066	* 4.1350		
15	* 0.9097	* 0.8866	* 0.8522	* 0.7630	* F-SUB-Q			
	* 2.7108	* 2.8430	* 2.8624	* 3.1550	* 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	* 1.0374	* 1.3754	* 1.5645	* 1.4920	* 1.5499	* 1.8483	* 1.7973	* 0.9123
	* 2.0645	* 2.0056	* 1.7298	* 1.8558	* 1.6271	* 1.4964	* 1.5406	* 2.7108
9	* 1.3754	* 1.6349	* 1.6619	* 1.6557	* 1.7650	* 1.8743	* 1.7934	* 0.8855
	* 2.0056	* 1.6878	* 1.6700	* 1.6621	* 1.5678	* 1.4735	* 1.5437	* 2.8438
10	* 1.5645	* 1.6621	* 1.6826	* 1.6063	* 1.7062	* 1.7532	* 1.7512	* 0.8559
	* 1.7298	* 1.6698	* 1.6501	* 1.7246	* 1.6203	* 1.5671	* 1.5715	* 2.8635
11	* 1.4920	* 1.6559	* 1.6067	* 1.5338	* 1.3590	* 1.4413	* 1.5604	* 0.7825
	* 1.8558	* 1.6619	* 1.7242	* 1.8071	* 1.8401	* 1.7846	* 1.7467	* 3.1559
12	* 1.5499	* 1.7653	* 1.7067	* 1.3593	* 0.9847	* 1.2529	* 0.9607	
	* 1.6271	* 1.5674	* 1.6198	* 1.8399	* 1.8014	* 1.6236	* 2.2927	
13	* 1.8483	* 1.8755	* 1.7539	* 1.4418	* 1.2532	* 0.7887	* 0.4763	
	* 1.4964	* 1.4726	* 1.5664	* 1.7842	* 1.6234	* 2.1088	* 4.0490	
14	* 1.7973	* 1.7940	* 1.7518	* 1.5609	* 0.9611	* 0.4761		
	* 1.5406	* 1.5432	* 1.5710	* 1.7462	* 2.2920	* 4.0501		
15	* 0.9123	* 0.8860	* 0.8561	* 0.7827	* F-SUB-Q			
	* 2.7108	* 2.8430	* 2.8624	* 3.1550	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0469	1.3745	1.5705	1.4825	1.5592	1.8547	1.8182	0.9056
	2.1630	2.0970	1.8363	1.9404	1.8426	1.5438	1.5767	2.8854
9	1.3745	1.6445	1.6557	1.6650	1.7611	1.8840	1.8147	0.8798
	2.0970	1.7569	1.7404	1.7334	1.6236	1.5181	1.5800	3.0391
10	1.5705	1.6560	1.6775	1.6025	1.7222	1.7645	1.7772	0.8550
	1.8363	1.7402	1.7180	1.7948	1.6608	1.6096	1.6020	3.0282
11	1.4825	1.6652	1.6029	1.5449	1.3669	1.4671	1.5959	0.7864
	1.9404	1.7332	1.7943	1.8641	1.8925	1.8866	1.7612	3.2499
12	1.5592	1.7615	1.7227	1.3671	1.0018	1.2927	0.9770	
	1.8426	1.6232	1.6603	1.8924	1.8435	1.6412	2.3450	
13	1.8547	1.8852	1.7652	1.4676	1.2930	0.8121	0.4835	
	1.5438	1.5172	1.6089	1.8863	1.6410	2.1532	4.1627	
14	1.8182	1.8153	1.7779	1.5964	0.9774	0.4834		
	1.5767	1.5795	1.6014	1.7606	2.3442	4.1638		
15	0.9056	0.8803	0.8552	0.7866	F-SUB-Q			
	2.8854	3.0380	3.0271	3.2489	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	1.0453	1.3602	1.5526	1.4605	1.5452	1.8370	1.8088	0.8965
	2.3032	2.2151	1.9335	2.0513	1.9294	1.6157	1.6441	3.0280
9	1.3602	1.6243	1.6282	1.6455	1.7395	1.8695	1.8064	0.8729
	2.2151	1.8532	1.8412	1.8238	1.7083	1.5859	1.6466	3.1816
10	1.5526	1.6285	1.6490	1.5786	1.7107	1.7543	1.7739	0.8501
	1.9335	1.8410	1.8189	1.8942	1.7392	1.6830	1.6675	3.1655
11	1.4605	1.6458	1.5790	1.5294	1.3612	1.4703	1.6034	0.7873
	2.0513	1.8236	1.8937	1.9591	1.9947	1.9724	1.8311	3.3892
12	1.5452	1.7399	1.7112	1.3614	1.0105	1.3091	0.9862	
	1.9294	1.7079	1.7387	1.9945	1.9429	1.7187	2.4460	
13	1.8370	1.8707	1.7550	1.4708	1.3095	0.8269	0.4867	
	1.6157	1.5849	1.6823	1.9720	1.7185	2.2590	4.3867	
14	1.8088	1.8069	1.7746	1.6039	0.9867	0.4865		
	1.6441	1.6460	1.6668	1.8305	2.4451	4.3878		
15	0.8965	0.8733	0.8504	0.7875	F-SUB-Q			
	3.0280	3.1804	3.1643	3.3881	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0362	1.3445	1.5484	1.4459	1.5432	1.8341	1.8149	0.8848
	2.4433	2.3355	2.0506	2.1903	2.0364	1.7023	1.7228	3.2233
9	1.3445	1.6189	1.6138	1.6407	1.7332	1.8699	1.8127	0.8619
	2.3355	1.9664	1.9634	1.9329	1.8095	1.6688	1.7258	3.3855
10	1.5484	1.6140	1.6338	1.5669	1.7147	1.7582	1.7858	0.8424
	2.0506	1.9631	1.9402	2.0171	1.8324	1.7728	1.7480	3.3720
11	1.4459	1.6410	1.5673	1.5274	1.3637	1.4846	1.6220	0.7795
	2.1903	1.9326	2.0166	2.0750	2.1037	2.0648	1.9131	3.6251
12	1.5432	1.7335	1.7152	1.3639	1.0183	1.3313	0.9851	
	2.0364	1.8091	1.8319	2.1035	2.0449	1.7980	2.5993	
13	1.8341	1.8711	1.7589	1.4851	1.3317	0.8308	0.4854	
	1.7023	1.6677	1.7720	2.0644	1.7978	2.4061	4.6908	
14	1.8149	1.8133	1.7865	1.6226	0.9856	0.4853		
	1.7228	1.7253	1.7473	1.9125	2.5984	4.6915		
15	0.8848	0.8624	0.8427	0.7797	F-SUB-Q			
	3.2233	3.3843	3.3708	3.6240	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	1.0251	1.3286	1.5355	1.4287	1.5328	1.8235	1.8094	0.8750
	2.6391	2.5214	2.2240	2.3838	2.1964	1.8312	1.8477	3.4829
9	1.3286	1.6045	1.5944	1.6270	1.7205	1.8620	1.8077	0.8538
	2.5214	2.1351	2.1371	2.0890	1.9554	1.7936	1.8512	3.6535
10	1.5355	1.5946	1.6139	1.5507	1.7088	1.7547	1.7864	0.8364
	2.2241	2.1367	2.1127	2.1919	1.9737	1.9064	1.8745	3.6433
11	1.4287	1.6273	1.5511	1.5174	1.3619	1.4901	1.6307	0.7759
	2.3838	2.0887	2.1913	2.2475	2.2385	2.1889	2.0246	3.9190
12	1.5328	1.7208	1.7093	1.3622	1.0241	1.3456	0.9880	
	2.1964	1.9550	1.9731	2.2383	2.1825	1.9113	2.7627	
13	1.8235	1.8632	1.7555	1.4906	1.3459	0.8368	0.4866	
	1.8312	1.7924	1.9056	2.1884	1.9110	2.5837	5.0445	
14	1.8094	1.8083	1.7871	1.6313	0.9885	0.4865		
	1.8477	1.8506	1.8737	2.0240	2.7617	5.0450		
15	0.8750	0.8542	0.8366	0.7762	F-SUB-Q			
	3.4829	3.6522	3.6420	3.9178	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0225	1.3201	1.5327	1.4190	1.5309	1.8212	1.8125	0.8669
	2.9054	2.7404	2.4168	2.5988	2.3620	1.9675	1.9781	3.7520
9	1.3201	1.6022	1.5852	1.6264	1.7172	1.8625	1.8114	0.8478
	2.7404	2.3307	2.3349	2.2577	2.1115	1.9260	1.9819	3.9289
10	1.5327	1.5855	1.6049	1.5445	1.7135	1.7602	1.7966	0.8322
	2.4168	2.3346	2.3101	2.3881	2.1231	2.0479	2.0060	3.9202
11	1.4190	1.6267	1.5449	1.5191	1.3703	1.5054	1.6492	0.7739
	2.5988	2.2573	2.3875	2.4304	2.4208	2.3541	2.1681	4.2221
12	1.5309	1.7176	1.7140	1.3706	1.0394	1.3735	0.9951	
	2.3620	2.1110	2.1224	2.4206	2.3628	2.0564	2.9967	
13	1.8212	1.8636	1.7610	1.5059	1.3739	0.8495	0.4916	
	1.9675	1.9247	2.0470	2.3536	2.0561	2.8099	5.4852	
14	1.8125	1.8120	1.7973	1.6498	0.9956	0.4916		
	1.9781	1.9813	2.0052	2.1674	2.9956	5.4854		
15	0.8669	0.8482	0.8324	0.7741	F-SUB-Q			
	3.7520	3.9275	3.9187	4.2209	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	1.0276	1.3137	1.5024	1.3997	1.5029	1.7932	1.7808	0.8630
	3.2420	3.0502	2.6778	2.8688	2.5914	2.1535	2.1693	4.0510
9	1.3137	1.5732	1.5582	1.5996	1.6915	1.8360	1.7817	0.8459
	3.0502	2.5827	2.5813	2.4917	2.3155	2.1056	2.1702	4.2307
10	1.5024	1.5585	1.5779	1.5210	1.6889	1.7425	1.7746	0.8326
	2.6778	2.5809	2.5537	2.6370	2.3278	2.2322	2.1884	4.2002
11	1.3997	1.5999	1.5214	1.4973	1.3707	1.4986	1.6418	0.7832
	2.8688	2.4913	2.6363	2.6995	2.7018	2.6050	2.3883	4.4793
12	1.5029	1.6919	1.6894	1.3709	1.0674	1.3931	1.0198	
	2.5914	2.3150	2.3271	2.7016	2.6386	2.2972	3.2786	
13	1.7932	1.8372	1.7433	1.4991	1.3935	0.8859	0.5082	
	2.1535	2.1042	2.2313	2.6042	2.2969	3.0874	6.0155	
14	1.7808	1.7823	1.7753	1.6424	1.0204	0.5082		
	2.1693	2.1696	2.1876	2.3875	3.2773	6.0163		
15	0.8630	0.8463	0.8329	0.7834	F-SUB-Q			
	4.0510	4.2291	4.1986	4.4779	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0733	1.3300	1.5238	1.4025	1.5189	1.8101	1.8063	0.8553
	3.5963	3.3874	2.8496	3.0724	2.7436	2.2770	2.2798	4.3379
9	1.3300	1.6007	1.5713	1.6248	1.7096	1.8571	1.8076	0.8405
	3.3874	2.7608	2.7690	2.6384	2.4637	2.2265	2.2837	4.5278
10	1.5238	1.5716	1.5922	1.5364	1.7204	1.7715	1.8117	0.8304
	2.8496	2.7685	2.7382	2.8213	2.4649	2.3700	2.3108	4.5272
11	1.4025	1.6251	1.5368	1.5279	1.4178	1.5453	1.6921	0.7805
	3.0724	2.6379	2.8205	2.8716	2.9510	2.8040	2.5303	4.8690
12	1.5189	1.7100	1.7210	1.4180	1.1456	1.4888	1.0436	
	2.7436	2.4632	2.4641	2.9507	2.8898	2.5018	3.6382	
13	1.8101	1.8583	1.7723	1.5458	1.4893	0.9490	0.5266	
	2.2770	2.2251	2.3690	2.8030	2.5014	3.4538	6.7324	
14	1.8063	1.8083	1.8124	1.6927	1.0441	0.5266		
	2.2798	2.2830	2.3099	2.5294	3.6367	6.7323		
15	0.8553	0.8410	0.8307	0.7807	F-SUB-Q			
	4.3379	4.5261	4.5255	4.8675	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	1.1614	1.3514	1.5260	1.3994	1.5162	1.8077	1.8063	0.8514
	3.6682	3.4452	3.1028	3.3506	2.9685	2.4601	2.4579	4.6833
9	1.3514	1.6084	1.5716	1.6293	1.7105	1.8578	1.8090	0.8387
	3.4452	2.9582	3.0234	2.8620	2.6713	2.4042	2.4618	4.8799
10	1.5260	1.5718	1.5925	1.5383	1.7304	1.7828	1.8251	0.8319
	3.1028	3.0229	2.9901	3.0762	2.6658	2.5592	2.4896	4.8825
11	1.3994	1.6296	1.5387	1.5408	1.4648	1.5761	1.7235	0.7869
	3.3506	2.8615	3.0754	3.0807	3.1339	3.0007	2.7279	5.2609
12	1.5162	1.7109	1.7309	1.4650	1.3041	1.6183	1.0829	
	2.9685	2.6708	2.6650	3.1336	3.0882	2.6734	3.8873	
13	1.8077	1.8591	1.7836	1.5766	1.6187	1.0565	0.5553	
	2.4601	2.4026	2.5582	2.9997	2.6729	3.7023	7.2668	
14	1.8063	1.8096	1.8258	1.7241	1.0835	0.5552		
	2.4579	2.4611	2.4887	2.7270	3.8856	7.2664		
15	0.8514	0.8392	0.8322	0.7872	F-SUB-Q			
	4.6833	4.8781	4.8808	5.2594	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2500	1.3569	1.5102	1.3894	1.4953	1.7872	1.7828	0.8489
	3.7223	3.4893	3.0446	3.2816	2.9975	2.5104	2.5165	4.7795
9	1.3569	1.5935	1.5577	1.6128	1.6942	1.8396	1.7875	0.8374
	3.4893	2.9486	2.9734	2.8729	2.7083	2.4561	2.5225	4.9801
10	1.5102	1.5579	1.5770	1.5250	1.7177	1.7752	1.8144	0.8343
	3.0446	2.9729	2.9437	3.0512	2.7145	2.6327	2.5720	5.0379
11	1.3894	1.6131	1.5254	1.5328	1.4911	1.5848	1.7306	0.7987
	3.2816	2.8723	3.0504	3.1225	3.1667	3.0294	2.7847	5.4290
12	1.4953	1.6946	1.7182	1.4913	1.4830	1.7202	1.1233	
	2.9975	2.7077	2.7137	3.1664	3.1198	2.7036	3.8722	
13	1.7872	1.8408	1.7760	1.5853	1.7206	1.1483	0.5835	
	2.5104	2.4545	2.6316	3.0283	2.7031	3.6956	7.2588	
14	1.7828	1.7881	1.8151	1.7312	1.1239	0.5834		
	2.5165	2.5218	2.5710	2.7837	3.8704	7.2589		
15	0.8489	0.8379	0.8345	0.7990	F-SUB-Q			
	4.7795	4.9781	5.0360	5.4272	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	1.2795	1.3700	1.5285	1.3869	1.5073	1.8003	1.8045	0.8396
	3.5925	3.3576	2.8866	3.1390	2.8462	2.3836	2.3783	4.6204
9	1.3700	1.6146	1.5676	1.6329	1.7072	1.8567	1.8095	0.8312
	3.3576	2.7932	2.8352	2.7234	2.5772	2.3293	2.3851	4.8149
10	1.5285	1.5679	1.5861	1.5352	1.7443	1.8001	1.8470	0.8299
	2.8866	2.8347	2.8059	2.9086	2.5693	2.4960	2.4283	4.8645
11	1.3869	1.6332	1.5356	1.5570	1.5293	1.6245	1.7744	0.7931
	3.1390	2.7228	2.9078	2.9596	3.0521	2.9042	2.6696	5.2705
12	1.5073	1.7076	1.7449	1.5294	1.5535	1.8071	1.1365	
	2.8462	2.5766	2.5685	3.0518	3.0148	2.5976	3.7741	
13	1.8003	1.8579	1.8009	1.6250	1.8075	1.1830	0.5939	
	2.3836	2.3277	2.4948	2.9032	2.5971	3.6136	7.0462	
14	1.8045	1.8101	1.8477	1.7751	1.1371	0.5939		
	2.3783	2.3843	2.4273	2.6687	3.7724	7.0454		
15	0.8396	0.8317	0.8301	0.7933	F-SUB-Q			
	4.6204	4.8129	4.8626	5.2688	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2789	1.3650	1.5248	1.3775	1.5020	1.7959	1.8040	0.8318
	3.2781	3.0643	2.7047	2.9513	2.6905	2.2642	2.2524	4.3706
9	1.3650	1.6112	1.5594	1.6311	1.7020	1.8545	1.8094	0.8252
	3.0643	2.6136	2.6671	2.5591	2.4415	2.2109	2.2572	4.5439
10	1.5248	1.5597	1.5777	1.5287	1.7467	1.8043	1.8542	0.8255
	2.7047	2.6666	2.6389	2.7370	2.4223	2.3605	2.2897	4.5816
11	1.3775	1.6315	1.5292	1.5574	1.5480	1.6376	1.7905	0.7911
	2.9513	2.5586	2.7363	2.7247	2.7726	2.6293	2.4134	4.9128
12	1.5020	1.7024	1.7473	1.5481	1.5793	1.8414	1.1443	
	2.6905	2.4410	2.4216	2.7723	2.7374	2.3520	3.4419	
13	1.7959	1.8558	1.8052	1.6381	1.8418	1.1986	0.5989	
	2.2642	2.2094	2.3594	2.6284	2.3515	3.2987	6.4555	
14	1.8040	1.8101	1.8550	1.7911	1.1449	0.5990		
	2.2524	2.2565	2.2888	2.4125	3.4402	6.4544		
15	0.8318	0.8257	0.8257	0.7913	F-SUB-Q			
	4.3706	4.5421	4.5799	4.9113	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	1.2661	1.3508	1.5093	1.3617	1.4883	1.7812	1.7905	0.8252
	3.0059	2.7977	2.4303	2.6555	2.4207	2.0362	2.0236	3.9366
9	1.3508	1.5953	1.5421	1.6176	1.6868	1.8413	1.7967	0.8198
	2.7977	2.3458	2.3980	2.2984	2.1947	1.9857	2.0272	4.0870
10	1.5093	1.5423	1.5602	1.5134	1.7354	1.7950	1.8456	0.8209
	2.4303	2.3975	2.3717	2.4597	2.1734	2.1149	2.0510	4.1140
11	1.3617	1.6180	1.5138	1.5452	1.5468	1.6339	1.7874	0.7890
	2.6555	2.2980	2.4590	2.4860	2.5499	2.4044	2.2036	4.4268
12	1.4883	1.6872	1.7360	1.5469	1.5813	1.8462	1.1467	
	2.4207	2.1942	2.1728	2.5498	2.5156	2.1577	3.1536	
13	1.7811	1.8426	1.7959	1.6345	1.8466	1.2041	0.6007	
	2.0362	1.9844	2.1140	2.4036	2.1572	3.0236	5.9363	
14	1.7905	1.7973	1.8464	1.7881	1.1473	0.6007		
	2.0236	2.0266	2.0502	2.2028	3.1521	5.9352		
15	0.8252	0.8203	0.8212	0.7893	F-SUB-Q			
	3.9366	4.0853	4.1124	4.4254	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	1.2437	1.3284	1.4796	1.3436	1.4623	1.7539	1.7607	0.8202
	2.9759	2.7735	2.4004	2.6116	2.3936	2.0082	1.9994	3.8572
9	1.3284	1.5634	1.5138	1.5886	1.6591	1.8143	1.7674	0.8149
	2.7735	2.3145	2.3638	2.2689	2.1641	1.9564	2.0020	3.9980
10	1.4796	1.5140	1.5319	1.4874	1.7065	1.7706	1.8178	0.8169
	2.4004	2.3633	2.3368	2.4230	2.1438	2.0785	2.0196	4.0177
11	1.3436	1.5889	1.4879	1.5204	1.5284	1.6115	1.7642	0.7910
	2.6116	2.2684	2.4223	2.4512	2.5257	2.3831	2.1793	4.2819
12	1.4623	1.6595	1.7070	1.5285	1.5643	1.8248	1.1491	
	2.3936	2.1637	2.1431	2.5255	2.4927	2.1407	3.0819	
13	1.7539	1.8155	1.7714	1.6121	1.8253	1.2070	0.6016	
	2.0082	1.9551	2.0776	2.3823	2.1402	2.9652	5.8287	
14	1.7607	1.7680	1.8186	1.7649	1.1498	0.6016		
	1.9994	2.0014	2.0187	2.1785	3.0803	5.8281		
15	0.8202	0.8154	0.8171	0.7912	F-SUB-Q			
	3.8572	3.9962	4.0162	4.2805	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	1.2401	1.3243	1.4881	1.3351	1.4703	1.7615	1.7774	0.8078
	2.6874	2.4884	2.1564	2.3724	2.1613	1.8147	1.7987	3.5636
9	1.3243	1.5730	1.5133	1.5992	1.6629	1.8239	1.7833	0.8048
	2.4884	2.0744	2.1352	2.0394	1.9550	1.7650	1.8015	3.6872
10	1.4881	1.5135	1.5314	1.4874	1.7204	1.7804	1.8360	0.8054
	2.1564	2.1347	2.1095	2.1882	1.9243	1.8696	1.8097	3.6955
11	1.3351	1.5996	1.4878	1.5329	1.5340	1.6263	1.7820	0.7745
	2.3724	2.0390	2.1875	2.1976	2.2810	2.1258	1.9430	3.9509
12	1.4703	1.6633	1.7210	1.5341	1.5713	1.8432	1.1301	
	2.1613	1.9546	1.9237	2.2807	2.2501	1.9262	2.8464	
13	1.7615	1.8252	1.7812	1.6269	1.8437	1.1880	0.5900	
	1.8147	1.7637	1.8688	2.1250	1.9258	2.7346	5.4180	
14	1.7774	1.7839	1.8368	1.7827	1.1308	0.5901		
	1.7987	1.8009	1.8090	1.9422	2.8449	5.4167		
15	0.8078	0.8052	0.8056	0.7747	F-SUB-Q			
	3.5636	3.6856	3.6941	3.9496	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.2268	1.3101	1.4739	1.3210	1.4585	1.7494	1.7657	0.7999
	2.4513	2.2969	1.9872	2.1911	1.9996	1.6768	1.6624	3.3121
9	1.3101	1.5587	1.4982	1.5857	1.6492	1.8123	1.7713	0.7976
	2.2969	1.9044	1.9668	1.8792	1.8030	1.6285	1.6645	3.4213
10	1.4739	1.4984	1.5165	1.4732	1.7075	1.7675	1.8230	0.7969
	1.9872	1.9664	1.9412	2.0145	1.7706	1.7191	1.6648	3.4212
11	1.3210	1.5860	1.4737	1.5192	1.5194	1.6127	1.7672	0.7658
	2.1911	1.8788	2.0139	2.0165	2.0874	1.9583	1.7831	3.6428
12	1.4585	1.6496	1.7081	1.5196	1.5564	1.8266	1.1169	
	1.9996	1.8026	1.7700	2.0872	2.0509	1.7566	2.6129	
13	1.7494	1.8136	1.7684	1.6133	1.8270	1.1743	0.5822	
	1.6768	1.6273	1.7183	1.9576	1.7562	2.5051	4.9745	
14	1.7657	1.7719	1.8238	1.7679	1.1176	0.5823		
	1.6624	1.6639	1.6641	1.7824	2.6116	4.9734		
15	0.7999	0.7981	0.7971	0.7660	F-SUB-Q			
	3.3121	3.4197	3.4199	3.6416	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	1.2027	1.2840	1.4326	1.2998	1.4231	1.7147	1.7198	0.7971
	2.3213	2.1298	1.8877	2.0595	1.9034	1.5885	1.5855	3.0956
9	1.2840	1.5155	1.4665	1.5434	1.6162	1.7757	1.7257	0.7940
	2.1298	1.8005	1.8503	1.7836	1.7019	1.5417	1.5861	3.1961
10	1.4326	1.4668	1.4852	1.4431	1.6629	1.7288	1.7730	0.7921
	1.8877	1.8500	1.8272	1.8968	1.6782	1.6212	1.5806	3.1898
11	1.2998	1.5437	1.4435	1.4751	1.4822	1.5656	1.7129	0.7650
	2.0595	1.7832	1.8962	1.9038	1.9794	1.8434	1.6841	3.3607
12	1.4231	1.6166	1.6635	1.4824	1.5165	1.7674	1.1088	
	1.9034	1.7015	1.6776	1.9792	1.9414	1.6742	2.4405	
13	1.7147	1.7770	1.7296	1.5662	1.7679	1.1650	0.5792	
	1.5885	1.5406	1.6205	1.8427	1.6738	2.3274	4.6246	
14	1.7198	1.7264	1.7737	1.7135	1.1095	0.5792		
	1.5855	1.5855	1.5800	1.6835	2.4392	4.6240		
15	0.7971	0.7944	0.7923	0.7653	F-SUB-Q			
	3.0956	3.1946	3.1886	3.3596	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1987	1.2782	1.4277	1.2930	1.4196	1.7144	1.7156	0.7887
	2.1251	1.9869	1.7684	1.9374	1.7943	1.4935	1.4948	2.9495
9	1.2782	1.5090	1.4621	1.5389	1.6171	1.7745	1.7205	0.7872
	1.9869	1.6842	1.7307	1.6737	1.5935	1.4487	1.4956	3.0394
10	1.4277	1.4624	1.4799	1.4390	1.6576	1.7247	1.7644	0.7803
	1.7684	1.7304	1.7125	1.7771	1.5737	1.5177	1.4853	3.0380
11	1.2930	1.5392	1.4394	1.4628	1.4695	1.5530	1.6937	0.7445
	1.9374	1.6734	1.7766	1.7811	1.8349	1.7283	1.5839	3.2239
12	1.4196	1.6175	1.6582	1.4696	1.4975	1.7379	1.0755	
	1.7943	1.5932	1.5732	1.8346	1.8307	1.5835	2.3204	
13	1.7144	1.7757	1.7255	1.5536	1.7383	1.1258	0.5583	
	1.4935	1.4477	1.5170	1.7277	1.5831	2.2524	4.4764	
14	1.7156	1.7211	1.7651	1.6944	1.0761	0.5583		
	1.4948	1.4951	1.4847	1.5833	2.3193	4.4759		
15	0.7887	0.7877	0.7805	0.7447	F-SUB-Q			
	2.9495	3.0381	3.0369	3.2228	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	1.1536	1.2488	1.3820	1.2717	1.3870	1.6588	1.6543	0.7853
	2.0846	1.9094	1.6539	1.8715	1.5697	1.4708	1.4770	2.8297
9	1.2488	1.4441	1.4106	1.4937	1.5658	1.7117	1.6619	0.7858
	1.9094	1.5701	1.6944	1.6024	1.5636	1.4295	1.4668	2.9076
10	1.3820	1.4108	1.4138	1.3881	1.5897	1.6655	1.6971	0.7695
	1.6539	1.6941	1.7010	1.7473	1.5566	1.4919	1.4648	2.9331
11	1.2717	1.4940	1.3885	1.4015	1.4223	1.5069	1.6227	0.7203
	1.8715	1.6022	1.7469	1.7583	1.7781	1.5622	1.5578	3.1623
12	1.3870	1.5662	1.5902	1.4225	1.4165	1.6291	1.0389	
	1.5697	1.5633	1.5561	1.7778	1.8108	1.5809	2.2649	
13	1.6588	1.7129	1.6662	1.5074	1.6295	1.0558	0.5250	
	1.4708	1.4285	1.4912	1.5618	1.5806	2.2472	4.4764	
14	1.6543	1.6624	1.6978	1.6233	1.0394	0.5249		
	1.4770	1.4663	1.4643	1.5572	2.2639	4.4764		
15	0.7853	0.7862	0.7697	0.7205	F-SUB-Q			
	2.8297	2.9064	2.9321	3.1614	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9736	* 1.0942	* 1.3867	* 1.1415	* 1.4835	* 1.4194	* 1.5717	* 0.7154
	* 2.3522	* 2.0898	* 1.6539	* 2.0201	* 1.5697	* 1.6564	* 1.4988	* 3.0070
9	* 1.0942	* 1.4681	* 1.2079	* 1.4570	* 1.3606	* 1.4675	* 1.6113	* 0.7349
	* 2.0898	* 1.5701	* 1.9043	* 1.6024	* 1.7190	* 1.6068	* 1.4668	* 3.0077
10	* 1.3867	* 1.2081	* 1.1551	* 1.2177	* 1.4534	* 1.4242	* 1.5932	* 0.6929
	* 1.6539	* 1.9040	* 2.0039	* 1.9242	* 1.6374	* 1.6763	* 1.5012	* 3.1371
11	* 1.1415	* 1.4572	* 1.2181	* 1.3297	* 1.2295	* 1.5527	* 1.4414	* 0.6190
	* 2.0201	* 1.6022	* 1.9237	* 1.8013	* 1.9677	* 1.5622	* 1.6836	* 3.5473
12	* 1.4835	* 1.3608	* 1.4538	* 1.2297	* 1.1523	* 1.4175	* 0.9131	
	* 1.5697	* 1.7189	* 1.6370	* 1.9673	* 2.1338	* 1.7415	* 2.4765	
13	* 1.4194	* 1.4685	* 1.4248	* 1.5532	* 1.4179	* 0.8558	* 0.4329	
	* 1.6564	* 1.6058	* 1.6756	* 1.5618	* 1.7410	* 2.6603	* 5.2227	
14	* 1.5717	* 1.6118	* 1.5938	* 1.4419	* 0.9136	* 0.4328		
	* 1.4988	* 1.4663	* 1.5006	* 1.6830	* 2.4754	* 5.2229		
15	* 0.7154	* 0.7353	* 0.6931	* 0.6191	* F-SUB-Q			
	* 3.0070	* 3.0065	* 3.1360	* 3.5462	* 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	* 0.4393	* 0.4941	* 0.5924	* 0.5295	* 0.6375	* 0.5661	* 0.6001	* 0.3081
	* 5.0432	* 4.4872	* 3.7479	* 4.2324	* 3.5309	* 4.0204	* 3.8019	* 6.7900
9	* 0.4941	* 0.5781	* 0.5085	* 0.6085	* 0.5622	* 0.5795	* 0.5991	* 0.3160
	* 4.4872	* 3.8441	* 4.3798	* 3.6949	* 4.0089	* 3.9406	* 3.8191	* 6.7914
10	* 0.5924	* 0.5085	* 0.4771	* 0.5310	* 0.6154	* 0.5648	* 0.5864	* 0.2996
	* 3.7479	* 4.3793	* 4.7137	* 4.2791	* 3.7297	* 4.0977	* 3.9446	* 7.0451
11	* 0.5295	* 0.6085	* 0.5311	* 0.5683	* 0.5244	* 0.6073	* 0.5411	* 0.2600
	* 4.2324	* 3.6945	* 4.2782	* 4.0615	* 4.4394	* 3.8530	* 4.3360	* 8.1934
12	* 0.6375	* 0.5623	* 0.6156	* 0.5245	* 0.4705	* 0.5304	* 0.3771	
	* 3.5309	* 4.0086	* 3.7289	* 4.4385	* 5.0389	* 4.4884	* 5.7878	
13	* 0.5661	* 0.5798	* 0.5650	* 0.6074	* 0.5306	* 0.3478	* 0.1845	
	* 4.0204	* 3.9388	* 4.0961	* 3.8520	* 4.4873	* 6.3431	* 11.9015	
14	* 0.6001	* 0.5992	* 0.5866	* 0.5413	* 0.3773	* 0.1846		
	* 3.8019	* 3.8180	* 3.9431	* 4.3345	* 5.7855	* 11.8929		
15	* 0.3081	* 0.3161	* 0.2997	* 0.2601	* F-SUB-Q			
	* 6.7900	* 6.7899	* 7.0423	* 8.1907	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.3292	* 0.4348	* 0.5484	* 0.5056	* 0.5956	* 0.5123	* 0.4690	* 0.2513
	* 5.8060	* 5.6391	* 4.5510	* 4.9613	* 4.2051	* 4.8070	* 4.6285	* 7.8146
9	* 0.4348	* 0.5030	* 0.4746	* 0.5721	* 0.5267	* 0.5137	* 0.5113	* 0.2745
	* 5.6391	* 4.8447	* 5.2168	* 4.3795	* 4.7616	* 4.8046	* 4.6752	* 7.9009
10	* 0.5484	* 0.4746	* 0.4114	* 0.4864	* 0.5475	* 0.4884	* 0.5000	* 0.2688
	* 4.5511	* 5.2163	* 5.5482	* 5.1135	* 4.5712	* 5.1136	* 4.9653	* 8.2713
11	* 0.5056	* 0.5721	* 0.4865	* 0.4780	* 0.4240	* 0.4792	* 0.4458	* 0.2261
	* 4.9613	* 4.3792	* 5.1124	* 4.9921	* 5.5927	* 4.9149	* 5.5772	* 9.9685
12	* 0.5956	* 0.5267	* 0.5476	* 0.4241	* 0.3065	* 0.3571	* 0.2801	
	* 4.2052	* 4.7612	* 4.5704	* 5.5918	* 6.0375	* 5.5445	* 7.1903	
13	* 0.5123	* 0.5139	* 0.4886	* 0.4793	* 0.3572	* 0.2040	* 0.1304	
	* 4.8070	* 4.8027	* 5.1119	* 4.9138	* 5.5433	* 7.4899	* 13.5540	
14	* 0.4690	* 0.5114	* 0.5001	* 0.4459	* 0.2802	* 0.1305		
	* 4.6285	* 4.6740	* 4.9637	* 5.5757	* 7.1877	* 13.5448		
15	* 0.2513	* 0.2746	* 0.2688	* 0.2262	* F-SUB-Q			
	* 7.8146	* 7.8993	* 8.2684	* 9.9655	* 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	* 0.7168	* 0.9615	* 1.2460	* 1.0978	* 1.3352	* 1.2452	* 1.2196	* 0.6444
	* 2.8159	* 2.6284	* 2.0801	* 2.3682	* 1.9424	* 2.0607	* 1.9144	* 3.3951
9	* 0.9615	* 1.2526	* 1.1194	* 1.3242	* 1.2545	* 1.2574	* 1.3324	* 0.6688
	* 2.6284	* 2.0413	* 2.3024	* 1.9665	* 2.0746	* 2.0305	* 1.8844	* 3.4671
10	* 1.2460	* 1.1195	* 0.9841	* 1.1067	* 1.2500	* 1.1929	* 1.3000	* 0.6440
	* 2.0801	* 2.3021	* 2.4226	* 2.3275	* 2.0792	* 2.1639	* 1.9827	* 3.6053
11	* 1.0978	* 1.3243	* 1.1069	* 1.1007	* 0.9748	* 1.1845	* 1.1085	* 0.5514
	* 2.3682	* 1.9663	* 2.3270	* 2.2645	* 2.4551	* 2.0564	* 2.2643	* 4.2296
12	* 1.3352	* 1.2546	* 1.2502	* 0.9750	* 0.6900	* 0.8934	* 0.6846	
	* 1.9424	* 2.0745	* 2.0788	* 2.4547	* 2.6073	* 2.2436	* 3.0238	
13	* 1.2452	* 1.2580	* 1.1933	* 1.1849	* 0.8937	* 0.4983	* 0.3140	
	* 2.0607	* 2.0293	* 2.1631	* 2.0560	* 2.2432	* 3.1370	* 5.7833	
14	* 1.2196	* 1.3328	* 1.3004	* 1.1088	* 0.6849	* 0.3140		
	* 1.9144	* 1.8839	* 1.9821	* 2.2637	* 3.0228	* 5.7829		
15	* 0.6444	* 0.6690	* 0.6441	* 0.5516	* F-SUB-Q			
	* 3.3951	* 3.4662	* 3.6040	* 4.2284	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.8691	* 1.1630	* 1.3771	* 1.2925	* 1.4083	* 1.5212	* 1.5072	* 0.8074
	* 2.3988	* 2.2455	* 1.9424	* 2.0746	* 1.9009	* 1.7403	* 1.7507	* 2.9411
9	* 1.1630	* 1.3681	* 1.3781	* 1.4460	* 1.4874	* 1.5420	* 1.5181	* 0.7978
	* 2.2455	* 1.9457	* 1.9385	* 1.8602	* 1.8012	* 1.7217	* 1.7420	* 3.0586
10	* 1.3771	* 1.3782	* 1.3298	* 1.3213	* 1.4304	* 1.4572	* 1.4762	* 0.7724
	* 1.9424	* 1.9383	* 1.9936	* 2.0193	* 1.8727	* 1.8266	* 1.8034	* 3.1150
11	* 1.2925	* 1.4460	* 1.3216	* 1.2688	* 1.1741	* 1.2832	* 1.3324	* 0.6843
	* 2.0746	* 1.8601	* 2.0188	* 2.0912	* 2.0800	* 2.0020	* 1.9504	* 3.5063
12	* 1.4083	* 1.4876	* 1.4308	* 1.1743	* 0.8373	* 1.0638	* 0.8337	
	* 1.9009	* 1.8009	* 1.8722	* 2.0797	* 2.1394	* 1.9148	* 2.5402	
13	* 1.5212	* 1.5429	* 1.4578	* 1.2836	* 1.0640	* 0.6347	* 0.3960	
	* 1.7403	* 1.7207	* 1.8259	* 2.0016	* 1.9145	* 2.5228	* 4.6969	
14	* 1.5072	* 1.5185	* 1.4767	* 1.3328	* 0.8340	* 0.3959		
	* 1.7507	* 1.7416	* 1.8028	* 1.9499	* 2.5394	* 4.6976		
15	* 0.8074	* 0.7981	* 0.7727	* 0.6845	* F-SUB-Q			
	* 2.9412	* 3.0577	* 3.1138	* 3.5053	* 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	* 0.9480	* 1.2730	* 1.5464	* 1.4076	* 1.5724	* 1.7010	* 1.7156	* 0.8776
	* 2.2725	* 2.1288	* 1.7962	* 1.9748	* 1.7680	* 1.6247	* 1.6110	* 2.8511
9	* 1.2730	* 1.5440	* 1.5200	* 1.6045	* 1.6356	* 1.7226	* 1.7195	* 0.8629
	* 2.1288	* 1.7945	* 1.8264	* 1.7399	* 1.6984	* 1.6047	* 1.6087	* 2.9711
10	* 1.5464	* 1.5202	* 1.4823	* 1.4533	* 1.6012	* 1.6196	* 1.6649	* 0.8282
	* 1.7963	* 1.8262	* 1.8680	* 1.9060	* 1.7329	* 1.7014	* 1.6572	* 3.0216
11	* 1.4076	* 1.6046	* 1.4537	* 1.4230	* 1.2856	* 1.4392	* 1.5088	* 0.7387
	* 1.9748	* 1.7398	* 1.9055	* 1.9437	* 1.9612	* 1.8530	* 1.7825	* 3.3599
12	* 1.5724	* 1.6358	* 1.6016	* 1.2858	* 0.9117	* 1.1999	* 0.9030	
	* 1.7680	* 1.6981	* 1.7324	* 1.9609	* 1.9854	* 1.7421	* 2.4217	
13	* 1.7010	* 1.7237	* 1.6202	* 1.4397	* 1.2002	* 0.6938	* 0.4289	
	* 1.6247	* 1.6037	* 1.7007	* 1.8526	* 1.7419	* 2.3827	* 4.4795	
14	* 1.7156	* 1.7199	* 1.6654	* 1.5092	* 0.9033	* 0.4288		
	* 1.6110	* 1.6083	* 1.6566	* 1.7820	* 2.4210	* 4.4804		
15	* 0.8776	* 0.8633	* 0.8284	* 0.7389	* F-SUB-Q			
	* 2.8511	* 2.9702	* 3.0204	* 3.3589	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.9870	1.3253	1.6300	1.4627	1.6578	1.7827	1.8188	0.9176
	2.3075	2.1455	1.7844	1.9900	1.7544	1.6232	1.5928	2.8661
9	1.3253	1.6275	1.5812	1.6858	1.6997	1.8062	1.8232	0.9027
	2.1454	1.7828	1.8384	1.7326	1.7086	1.6011	1.5895	2.9807
10	1.6300	1.5814	1.5381	1.5089	1.6827	1.6965	1.7630	0.8667
	1.7844	1.8382	1.8872	1.9223	1.7222	1.6954	1.6341	3.0229
11	1.4627	1.6859	1.5094	1.4919	1.3431	1.5276	1.6059	0.7730
	1.9900	1.7325	1.9218	1.9404	1.9629	1.8247	1.7487	3.3517
12	1.6578	1.6999	1.6832	1.3434	0.9513	1.2768	0.9505	
	1.7544	1.7084	1.7217	1.9627	1.9826	1.7163	2.4063	
13	1.7827	1.8073	1.6972	1.5281	1.2771	0.7281	0.4474	
	1.6232	1.6001	1.6947	1.8242	1.7161	2.3799	4.4982	
14	1.8188	1.8236	1.7636	1.6064	0.9509	0.4473		
	1.5928	1.5891	1.6335	1.7482	2.4055	4.4990		
15	0.9176	0.9032	0.8669	0.7732	F-SUB-Q			
	2.8661	2.9797	3.0218	3.3507	M-SUB-Q			

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

	H	G	F	E	D	C	B	A
8	1.0115	1.3553	1.6688	1.4888	1.6997	1.8240	1.8716	0.9421
	2.4028	2.2164	1.8448	2.0690	1.8077	1.6751	1.6347	2.9526
9	1.3553	1.6640	1.6080	1.7254	1.7299	1.8492	1.8777	0.9281
	2.2164	1.8455	1.9130	1.7893	1.7728	1.6508	1.6296	3.0650
10	1.6688	1.6082	1.5589	1.5329	1.7236	1.7380	1.8167	0.8918
	1.8448	1.9128	1.9703	2.0008	1.7742	1.7439	1.6723	3.1026
11	1.4888	1.7255	1.5333	1.5226	1.3763	1.5789	1.6618	0.7980
	2.0690	1.7892	2.0002	2.0094	2.0215	1.8534	1.7765	3.4256
12	1.6997	1.7302	1.7241	1.3766	0.9838	1.3240	0.9851	
	1.8077	1.7725	1.7737	2.0212	2.0501	1.7600	2.4601	
13	1.8240	1.8504	1.7387	1.5794	1.3243	0.7551	0.4607	
	1.6751	1.6497	1.7432	1.8529	1.7597	2.4520	4.6493	
14	1.8716	1.8782	1.8174	1.6624	0.9855	0.4606		
	1.6347	1.6292	1.6717	1.7760	2.4593	4.6501		
15	0.9421	0.9286	0.8920	0.7982	F-SUB-Q			
	2.9526	3.0640	3.1014	3.4246	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0335	1.3710	1.7058	1.5100	1.7410	1.8633	1.9240	0.9540
	2.5149	2.3047	1.9330	2.1825	1.8844	1.7490	1.6963	3.1117
9	1.3710	1.6994	1.6321	1.7647	1.7599	1.8909	1.9301	0.9421
	2.3047	1.9257	2.0174	1.8694	1.8598	1.7217	1.6909	3.2215
10	1.7058	1.6323	1.5785	1.5551	1.7658	1.7802	1.8713	0.9036
	1.9330	2.0171	2.0823	2.1082	1.8478	1.8150	1.7307	3.2657
11	1.5100	1.7648	1.5555	1.5544	1.4089	1.6314	1.7183	0.8077
	2.1825	1.8693	2.1076	2.0687	2.0927	1.8897	1.8111	3.6057
12	1.7410	1.7602	1.7663	1.4091	1.0176	1.3748	1.0045	
	1.8844	1.8595	1.8472	2.0924	2.1339	1.8168	2.5758	
13	1.8633	1.8921	1.7810	1.6319	1.3752	0.7752	0.4678	
	1.7490	1.7206	1.8142	1.8891	1.8165	2.5843	4.9158	
14	1.9240	1.9306	1.8720	1.7188	1.0049	0.4678		
	1.6963	1.6904	1.7301	1.8105	2.5749	4.9162		
15	0.9540	0.9426	0.9039	0.8080	F-SUB-Q			
	3.1118	3.2203	3.2644	3.6046	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	1.0484	1.3789	1.7202	1.5168	1.7595	1.8822	1.9508	0.9608
	2.6957	2.4667	2.0750	2.3496	2.0143	1.8682	1.8049	3.3329
9	1.3789	1.7125	1.6392	1.7813	1.7716	1.9118	1.9575	0.9506
	2.4667	2.0460	2.1743	2.0026	1.9951	1.8372	1.7984	3.4431
10	1.7202	1.6394	1.5825	1.5629	1.7862	1.8034	1.9015	0.9115
	2.0750	2.1740	2.2408	2.2553	1.9697	1.9294	1.8355	3.4902
11	1.5168	1.7814	1.5633	1.5672	1.4279	1.6628	1.7523	0.8160
	2.3496	2.0024	2.2546	2.1872	2.2099	1.9802	1.8981	3.8024
12	1.7595	1.7719	1.7867	1.4281	1.0448	1.4093	1.0207	
	2.0143	1.9948	1.9691	2.2096	2.2587	1.9109	2.7124	
13	1.8822	1.9130	1.8042	1.6633	1.4097	0.7939	0.4743	
	1.8682	1.8360	1.9286	1.9796	1.9105	2.7515	5.2370	
14	1.9508	1.9580	1.9022	1.7529	1.0211	0.4743		
	1.8049	1.7980	1.8349	1.8975	2.7115	5.2371		
15	0.9608	0.9511	0.9118	0.8162	F-SUB-Q			
	3.3329	3.4419	3.4888	3.8014	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0540	1.3838	1.7334	1.5218	1.7770	1.8981	1.9753	0.9632
	2.9577	2.6645	2.2347	2.5276	2.1467	1.9930	1.9172	3.5544
9	1.3838	1.7253	1.6445	1.7965	1.7816	1.9300	1.9822	0.9549
	2.6645	2.1974	2.3507	2.1444	2.1392	1.9605	1.9114	3.6687
10	1.7334	1.6447	1.5861	1.5702	1.8061	1.8241	1.9297	0.9136
	2.2347	2.3504	2.4229	2.4278	2.1052	2.0613	1.9527	3.7404
11	1.5218	1.7966	1.5707	1.5807	1.4442	1.6922	1.7841	0.8201
	2.5276	2.1443	2.4271	2.3466	2.3799	2.1093	2.0202	4.0803
12	1.7770	1.7819	1.8066	1.4445	1.0630	1.4404	1.0312	
	2.1467	2.1389	2.1046	2.3796	2.4388	2.0471	2.9293	
13	1.8981	1.9313	1.8248	1.6928	1.4408	0.8061	0.4789	
	1.9930	1.9592	2.0604	2.1086	2.0468	2.9833	5.6730	
14	1.9753	1.9827	1.9304	1.7847	1.0316	0.4788		
	1.9172	1.9109	1.9520	2.0196	2.9282	5.6728		
15	0.9632	0.9554	0.9139	0.8203	F-SUB-Q			
	3.5543	3.6674	3.7389	4.0792	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	1.0526	1.3769	1.7068	1.5031	1.7527	1.8801	1.9538	0.9665
	3.2907	2.9661	2.4706	2.7560	2.3394	2.1671	2.0874	3.8096
9	1.3769	1.6993	1.6226	1.7710	1.7606	1.9132	1.9632	0.9588
	2.9661	2.4561	2.5904	2.3422	2.3273	2.1286	2.0786	3.9241
10	1.7068	1.6229	1.5643	1.5533	1.7866	1.8126	1.9146	0.9221
	2.4706	2.5901	2.6820	2.6743	2.2981	2.2406	2.1232	3.9682
11	1.5031	1.7711	1.5538	1.5599	1.4386	1.6837	1.7755	0.8322
	2.7560	2.3421	2.6735	2.5954	2.6246	2.3200	2.2227	4.3666
12	1.7527	1.7609	1.7871	1.4388	1.0744	1.4396	1.0489	
	2.3394	2.3269	2.2975	2.6242	2.7198	2.2823	3.1835	
13	1.8801	1.9144	1.8133	1.6843	1.4400	0.8228	0.4880	
	2.1671	2.1272	2.2397	2.3193	2.2818	3.2725	6.2050	
14	1.9538	1.9637	1.9153	1.7761	1.0494	0.4880		
	2.0874	2.0781	2.1224	2.2220	3.1823	6.2048		
15	0.9665	0.9593	0.9223	0.8324	F-SUB-Q			
	3.8096	3.9228	3.9666	4.3654	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0546	1.3774	1.7289	1.5104	1.7769	1.8999	1.9865	0.9611
	3.6130	3.2696	2.6112	2.9297	2.4604	2.2783	2.1802	4.0504
9	1.3774	1.7219	1.6330	1.7941	1.7749	1.9360	1.9949	0.9565
	3.2696	2.6427	2.7535	2.4687	2.4638	2.2385	2.1722	4.1658
10	1.7289	1.6333	1.5736	1.5647	1.8155	1.8396	1.9533	0.9161
	2.6112	2.7531	2.8500	2.8397	2.4208	2.3650	2.2271	4.2535
11	1.5104	1.7942	1.5652	1.5832	1.4612	1.7259	1.8201	0.8269
	2.9297	2.4686	2.8389	2.8297	2.8827	2.5249	2.3970	4.7107
12	1.7769	1.7751	1.8160	1.4614	1.0926	1.4845	1.0534	
	2.4604	2.4634	2.4201	2.8823	2.9779	2.4791	3.5440	
13	1.8999	1.9372	1.8404	1.7265	1.4850	0.8315	0.4905	
	2.2783	2.2371	2.3640	2.5241	2.4786	3.6554	6.9325	
14	1.9865	1.9954	1.9540	1.8207	1.0539	0.4905		
	2.1802	2.1717	2.2264	2.3962	3.5426	6.9320		
15	0.9611	0.9570	0.9164	0.8271	F-SUB-Q			
	4.0504	4.1643	4.2518	4.7094	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	1.0624	1.3785	1.7267	1.5027	1.7731	1.8964	1.9875	0.9580
	3.6835	3.3102	2.7356	3.1040	2.6370	2.4464	2.3348	4.3403
9	1.3785	1.7221	1.6273	1.7902	1.7691	1.9350	1.9966	0.9554
	3.3102	2.7305	2.8998	2.6220	2.6531	2.4021	2.3256	4.4567
10	1.7267	1.6275	1.5677	1.5618	1.8190	1.8464	1.9633	0.9166
	2.7356	2.8993	3.0200	3.0407	2.5998	2.5358	2.3824	4.5502
11	1.5027	1.7903	1.5622	1.5863	1.4763	1.7480	1.8410	0.8307
	3.1040	2.6218	3.0398	2.9480	3.0190	2.6589	2.5571	5.0480
12	1.7731	1.7693	1.8196	1.4765	1.1204	1.5214	1.0717	
	2.6370	2.6527	2.5991	3.0186	3.1644	2.6321	3.7672	
13	1.8964	1.9362	1.8472	1.7486	1.5219	0.8579	0.5021	
	2.4464	2.4005	2.5348	2.6580	2.6316	3.9054	7.4720	
14	1.9875	1.9971	1.9640	1.8416	1.0722	0.5021		
	2.3349	2.3250	2.3816	2.5563	3.7657	7.4713		
15	0.9580	0.9559	0.9169	0.8310	F-SUB-Q			
	4.3403	4.4551	4.5484	5.0467	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.0962	* 1.3778	* 1.7027	* 1.4828	* 1.7439	* 1.8725	* 1.9603	* 0.9551
	* 3.7416	* 3.3576	* 2.6692	* 3.0237	* 2.5714	* 2.4010	* 2.2990	* 4.2681
9	* 1.3778	* 1.7046	* 1.6073	* 1.7618	* 1.7459	* 1.9130	* 1.9720	* 0.9537
	* 3.3576	* 2.7070	* 2.8243	* 2.5580	* 2.5832	* 2.3606	* 2.2925	* 4.3949
10	* 1.7027	* 1.6075	* 1.5488	* 1.5460	* 1.8016	* 1.8357	* 1.9504	* 0.9197
	* 2.6692	* 2.8239	* 2.9418	* 2.9601	* 2.5519	* 2.5158	* 2.3714	* 4.5047
11	* 1.4828	* 1.7619	* 1.5464	* 1.5727	* 1.4899	* 1.7537	* 1.8417	* 0.8416
	* 3.0237	* 2.5578	* 2.9592	* 2.9586	* 3.0548	* 2.6875	* 2.5835	* 5.0292
12	* 1.7439	* 1.7461	* 1.8021	* 1.4902	* 1.1822	* 1.5672	* 1.1041	
	* 2.5714	* 2.5828	* 2.5511	* 3.0544	* 3.2014	* 2.6648	* 3.7552	
13	* 1.8725	* 1.9143	* 1.8364	* 1.7543	* 1.5677	* 0.9190	* 0.5236	
	* 2.4010	* 2.3590	* 2.5148	* 2.6866	* 2.6642	* 3.9029	* 7.4718	
14	* 1.9603	* 1.9725	* 1.9511	* 1.8423	* 1.1047	* 0.5236		
	* 2.2990	* 2.2919	* 2.3705	* 2.5827	* 3.7536	* 7.4709		
15	* 0.9551	* 0.9542	* 0.9200	* 0.8419	* F-SUB-Q			
	* 4.2681	* 4.3932	* 4.5029	* 5.0277	* 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	* 1.1754	* 1.3989	* 1.7197	* 1.4824	* 1.7545	* 1.8795	* 1.9791	* 0.9432
	* 3.5841	* 3.2062	* 2.5646	* 2.9262	* 2.4702	* 2.3096	* 2.1984	* 4.1657
9	* 1.3989	* 1.7294	* 1.6135	* 1.7737	* 1.7546	* 1.9239	* 1.9904	* 0.9452
	* 3.2062	* 2.6000	* 2.7290	* 2.4578	* 2.4939	* 2.2685	* 2.1941	* 4.2798
10	* 1.7197	* 1.6138	* 1.5547	* 1.5530	* 1.8255	* 1.8574	* 1.9845	* 0.9100
	* 2.5646	* 2.7285	* 2.8437	* 2.8624	* 2.4479	* 2.4159	* 2.2657	* 4.4111
11	* 1.4824	* 1.7738	* 1.5534	* 1.5974	* 1.5386	* 1.8061	* 1.8902	* 0.8351
	* 2.9262	* 2.4576	* 2.8616	* 2.8374	* 2.9147	* 2.5460	* 2.4463	* 4.9364
12	* 1.7545	* 1.7549	* 1.8260	* 1.5388	* 1.2922	* 1.7001	* 1.1268	
	* 2.4702	* 2.4935	* 2.4472	* 2.9143	* 3.0676	* 2.5332	* 3.6293	
13	* 1.8795	* 1.9252	* 1.8582	* 1.8068	* 1.7005	* 1.0038	* 0.5412	
	* 2.3096	* 2.2670	* 2.4149	* 2.5452	* 2.5327	* 3.7822	* 7.2026	
14	* 1.9791	* 1.9909	* 1.9853	* 1.8908	* 1.1273	* 0.5412		
	* 2.1984	* 2.1935	* 2.2649	* 2.4455	* 3.6278	* 7.2015		
15	* 0.9432	* 0.9457	* 0.9102	* 0.8353	* F-SUB-Q			
	* 4.1657	* 4.2781	* 4.4093	* 4.9350	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2355	1.4058	1.7134	1.4692	1.7413	1.8663	1.9709	0.9315
	3.3583	3.0038	2.3825	2.7331	2.3078	2.1649	2.0537	3.8964
9	1.4058	1.7303	1.6029	1.7622	1.7443	1.9134	1.9829	0.9356
	3.0038	2.4113	2.5417	2.2892	2.3320	2.1244	2.0484	3.9944
10	1.7134	1.6032	1.5446	1.5454	1.8247	1.8583	1.9911	0.9036
	2.3825	2.5412	2.6479	2.6675	2.2801	2.2538	2.1082	4.1174
11	1.4692	1.7625	1.5459	1.6147	1.5674	1.8319	1.9147	0.8329
	2.7331	2.2891	2.6667	2.6354	2.7171	2.3620	2.2672	4.5857
12	1.7413	1.7446	1.8252	1.5676	1.4641	1.7969	1.1491	
	2.3078	2.3318	2.2795	2.7168	2.8517	2.3465	3.3858	
13	1.8663	1.9147	1.8591	1.8326	1.7974	1.0720	0.5579	
	2.1649	2.1230	2.2529	2.3612	2.3460	3.5340	6.7531	
14	1.9709	1.9834	1.9918	1.9154	1.1497	0.5579		
	2.0537	2.0479	2.1074	2.2664	3.3844	6.7517		
15	0.9315	0.9361	0.9039	0.8331	F-SUB-Q			
	3.8964	3.9928	4.1158	4.5844	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	1.2431	1.3943	1.6893	1.4456	1.7128	1.8387	1.9439	0.9185
	3.1618	2.7997	2.2096	2.5421	2.1442	2.0078	1.9028	3.6163
9	1.3943	1.7130	1.5793	1.7398	1.7201	1.8878	1.9571	0.9240
	2.7997	2.2346	2.3597	2.1260	2.1660	1.9683	1.8972	3.7033
10	1.6893	1.5796	1.5227	1.5250	1.8059	1.8418	1.9763	0.8949
	2.2096	2.3593	2.4582	2.4770	2.1122	2.0839	1.9477	3.8088
11	1.4456	1.7402	1.5255	1.6090	1.5701	1.8312	1.9135	0.8290
	2.5421	2.1259	2.4763	2.4434	2.5593	2.2163	2.0988	4.2327
12	1.7128	1.7203	1.8064	1.5703	1.4987	1.8307	1.1602	
	2.1442	2.1659	2.1116	2.5589	2.6931	2.2113	3.1816	
13	1.8387	1.8891	1.8425	1.8319	1.8311	1.1020	0.5676	
	2.0078	1.9670	2.0831	2.2156	2.2107	3.3284	6.3785	
14	1.9439	1.9576	1.9771	1.9141	1.1607	0.5676		
	1.9028	1.8967	1.9470	2.0981	3.1802	6.3773		
15	0.9185	0.9245	0.8951	0.8292	F-SUB-Q			
	3.6163	3.7018	3.8073	4.2315	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2202	1.3642	1.6423	1.4092	1.6633	1.7926	1.8927	0.9041
	3.2251	2.8356	2.2567	2.5957	2.1952	2.0470	1.9424	3.6588
9	1.3642	1.6691	1.5386	1.6946	1.6770	1.8422	1.9074	0.9098
	2.8356	2.2801	2.4058	2.1748	2.2109	2.0049	1.9352	3.7463
10	1.6423	1.5389	1.4842	1.4880	1.7620	1.8030	1.9330	0.8835
	2.2567	2.4054	2.5060	2.5242	2.1545	2.1171	1.9817	3.8347
11	1.4092	1.6949	1.4884	1.5747	1.5458	1.7981	1.8797	0.8261
	2.5957	2.1747	2.5235	2.4935	2.6120	2.2534	2.1275	4.2324
12	1.6633	1.6773	1.7626	1.5460	1.4884	1.8129	1.1619	
	2.1952	2.2108	2.1538	2.6117	2.7449	2.2565	3.2005	
13	1.7926	1.8434	1.8038	1.7987	1.8134	1.1106	0.5704	
	2.0470	2.0035	2.1162	2.2526	2.2559	3.3565	6.4391	
14	1.8927	1.9079	1.9338	1.8804	1.1626	0.5704		
	1.9424	1.9347	1.9810	2.1267	3.1990	6.4381		
15	0.9041	0.9103	0.8837	0.8263	F-SUB-Q			
	3.6588	3.7448	3.8332	4.2312	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	1.2013	1.3414	1.6265	1.3837	1.6471	1.7710	1.8808	0.8769
	3.0021	2.6596	2.1053	2.4447	2.0545	1.9200	1.8120	3.5029
9	1.3414	1.6537	1.5152	1.6803	1.6553	1.8222	1.8940	0.8850
	2.6596	2.1238	2.2576	2.0338	2.0764	1.8778	1.8067	3.5760
10	1.6265	1.5155	1.4618	1.4665	1.7501	1.7880	1.9262	0.8590
	2.1053	2.2572	2.3509	2.3710	2.0083	1.9769	1.8421	3.6786
11	1.3837	1.6806	1.4670	1.5659	1.5325	1.7946	1.8779	0.7987
	2.4447	2.0337	2.3702	2.3228	2.4255	2.0778	1.9674	4.0536
12	1.6471	1.6555	1.7507	1.5327	1.4819	1.8161	1.1325	
	2.0545	2.0763	2.0077	2.4252	2.5650	2.1023	3.0377	
13	1.7710	1.8235	1.7888	1.7952	1.8166	1.0856	0.5554	
	1.9200	1.8765	1.9761	2.0771	2.1017	3.2014	6.1874	
14	1.8808	1.8946	1.9269	1.8785	1.1331	0.5554		
	1.8120	1.8062	1.8414	1.9668	3.0363	6.1858		
15	0.8769	0.8855	0.8592	0.7989	F-SUB-Q			
	3.5029	3.5744	3.6772	4.0524	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1641	1.2991	1.5748	1.3390	1.5961	1.7199	1.8274	0.8490
	2.8487	2.5303	2.0218	2.3525	1.9812	1.8475	1.7432	3.3886
9	1.2991	1.6025	1.4676	1.6304	1.6059	1.7709	1.8402	0.8578
	2.5303	2.0319	2.1680	1.9587	1.9986	1.8045	1.7380	3.4540
10	1.5748	1.4679	1.4172	1.4218	1.7004	1.7393	1.8737	0.8324
	2.0218	2.1676	2.2547	2.2768	1.9253	1.8931	1.7638	3.5478
11	1.3390	1.6307	1.4223	1.5211	1.4895	1.7446	1.8272	0.7745
	2.3525	1.9586	2.2761	2.2216	2.3155	1.9776	1.8751	3.8928
12	1.5961	1.6061	1.7010	1.4897	1.4437	1.7700	1.1006	
	1.9812	1.9985	1.9247	2.3152	2.4151	1.9796	2.8950	
13	1.7199	1.7722	1.7400	1.7452	1.7704	1.0572	0.5398	
	1.8475	1.8033	1.8923	1.9769	1.9791	3.0267	5.8621	
14	1.8274	1.8407	1.8745	1.8278	1.1011	0.5399		
	1.7432	1.7375	1.7631	1.8745	2.8936	5.8607		
15	0.8490	0.8584	0.8327	0.7747	F-SUB-Q			
	3.3886	3.4525	3.5467	3.8916	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	1.1085	1.2358	1.4825	1.2733	1.5053	1.6357	1.7260	0.8197
	2.8153	2.4591	2.0120	2.3250	1.9804	1.8316	1.7406	3.3179
9	1.2358	1.5109	1.3936	1.5404	1.5260	1.6843	1.7393	0.8272
	2.4591	2.0106	2.1402	1.9546	1.9794	1.7876	1.7336	3.3843
10	1.4825	1.3939	1.3487	1.3523	1.6084	1.6513	1.7687	0.8030
	2.0120	2.1398	2.2203	2.2447	1.9099	1.8683	1.7527	3.4519
11	1.2733	1.5406	1.3527	1.4367	1.4155	1.6418	1.7209	0.7525
	2.3250	1.9545	2.2440	2.1949	2.2668	1.9506	1.8563	3.7589
12	1.5053	1.5262	1.6089	1.4157	1.3734	1.6702	1.0653	
	1.9804	1.9792	1.9093	2.2665	2.3789	1.9679	2.8029	
13	1.6357	1.6855	1.6520	1.6424	1.6706	1.0260	0.5252	
	1.8316	1.7863	1.8675	1.9499	1.9674	2.9211	5.6598	
14	1.7260	1.7398	1.7694	1.7215	1.0659	0.5252		
	1.7406	1.7332	1.7520	1.8556	2.8016	5.6587		
15	0.8197	0.8277	0.8032	0.7528	F-SUB-Q			
	3.3179	3.3829	3.4505	3.7578	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0604	1.1782	1.4113	1.2155	1.4368	1.5675	1.6489	0.7747
	2.7050	2.4185	1.9988	2.3093	1.9744	1.8187	1.7344	3.3491
9	1.1782	1.4382	1.3330	1.4722	1.4627	1.6143	1.6595	0.7833
	2.4185	1.9869	2.1167	1.9432	1.9581	1.7734	1.7294	3.4069
10	1.4113	1.3332	1.2921	1.2963	1.5386	1.5811	1.6867	0.7575
	1.9988	2.1163	2.1919	2.2168	1.8904	1.8469	1.7397	3.4900
11	1.2155	1.4724	1.2968	1.3726	1.3530	1.5582	1.6338	0.7031
	2.3093	1.9430	2.2161	2.1620	2.2166	1.9340	1.8391	3.8073
12	1.4368	1.4629	1.5390	1.3531	1.3104	1.5858	0.9959	
	1.9744	1.9579	1.8899	2.2163	2.3389	1.9380	2.7978	
13	1.5675	1.6154	1.5818	1.5588	1.5863	0.9613	0.4906	
	1.8187	1.7721	1.8461	1.9333	1.9375	2.9381	5.6936	
14	1.6489	1.6600	1.6874	1.6344	0.9964	0.4906		
	1.7344	1.7289	1.7390	1.8384	2.7965	5.6928		
15	0.7747	0.7838	0.7577	0.7033	F-SUB-Q			
	3.3491	3.4054	3.4888	3.8062	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	0.9715	1.0836	1.2811	1.1258	1.3136	1.4361	1.4946	0.7213
	2.8092	2.4943	2.1068	2.3972	2.0756	1.9091	1.8401	3.4645
9	1.0836	1.3077	1.2259	1.3461	1.3501	1.4767	1.5079	0.7302
	2.4943	2.0806	2.2035	2.0326	2.0336	1.8632	1.8298	3.5197
10	1.2811	1.2261	1.1805	1.2008	1.3981	1.4473	1.5265	0.7018
	2.1068	2.2031	2.2975	2.2903	1.9919	1.9324	1.8401	3.6187
11	1.1258	1.3463	1.2012	1.2559	1.2460	1.4141	1.4725	0.6443
	2.3972	2.0325	2.2896	2.2476	2.2908	2.0234	1.9437	3.9801
12	1.3136	1.3503	1.3985	1.2461	1.1890	1.4233	0.9121	
	2.0757	2.0334	1.9914	2.2905	2.4349	2.0435	2.9081	
13	1.4361	1.4777	1.4479	1.4146	1.4237	0.8694	0.4446	
	1.9091	1.8620	1.9316	2.0227	2.0430	3.0672	5.9575	
14	1.4946	1.5083	1.5270	1.4730	0.9125	0.4446		
	1.8401	1.8293	1.8395	1.9431	2.9068	5.9571		
15	0.7213	0.7306	0.7019	0.6445	F-SUB-Q			
	3.4645	3.5183	3.6174	3.9790	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.7816	* 0.8879	* 1.1407	* 0.9449	* 1.2229	* 1.1584	* 1.3044	* 0.6085
	* 3.3433	* 2.9372	* 2.2920	* 2.7719	* 2.1609	* 2.2980	* 2.0473	* 3.9966
9	* 0.8879	* 1.1909	* 0.9859	* 1.2120	* 1.1170	* 1.1950	* 1.3386	* 0.6268
	* 2.9372	* 2.2044	* 2.6542	* 2.1809	* 2.3664	* 2.2353	* 2.0031	* 3.9884
10	* 1.1407	* 0.9860	* 0.9271	* 0.9964	* 1.2111	* 1.1723	* 1.3242	* 0.5898
	* 2.2920	* 2.6538	* 2.8412	* 2.6696	* 2.2302	* 2.3217	* 2.0508	* 4.1684
11	* 0.9449	* 1.2122	* 0.9967	* 1.1049	* 1.0108	* 1.2923	* 1.2017	* 0.5228
	* 2.7719	* 2.1807	* 2.6690	* 2.4633	* 2.7152	* 2.1341	* 2.2961	* 4.7543
12	* 1.2229	* 1.1171	* 1.2114	* 1.0110	* 0.9283	* 1.1536	* 0.7504	
	* 2.1609	* 2.3663	* 2.2297	* 2.7149	* 3.0064	* 2.4322	* 3.4116	
13	* 1.1584	* 1.1957	* 1.1727	* 1.2927	* 1.1539	* 0.6824	* 0.3542	
	* 2.2980	* 2.2339	* 2.3208	* 2.1335	* 2.4316	* 3.7702	* 7.2266	
14	* 1.3044	* 1.3390	* 1.3246	* 1.2021	* 0.7508	* 0.3542		
	* 2.0473	* 2.0025	* 2.0502	* 2.2954	* 3.4103	* 7.2267		
15	* 0.6085	* 0.6271	* 0.5900	* 0.5229	* F-SUB-Q			
	* 3.9966	* 3.9870	* 4.1670	* 4.7530	* 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	* 0.3433	* 0.3872	* 0.4704	* 0.4200	* 0.5080	* 0.4483	* 0.4837	* 0.2515
	* 7.3885	* 6.5533	* 5.4076	* 6.0799	* 5.0569	* 5.7754	* 5.3701	* 9.4352
9	* 0.3872	* 0.4550	* 0.4009	* 0.4880	* 0.4456	* 0.4586	* 0.4833	* 0.2580
	* 6.5533	* 5.5949	* 6.3494	* 5.2589	* 5.7665	* 5.6644	* 5.3914	* 9.4329
10	* 0.4704	* 0.4009	* 0.3744	* 0.4183	* 0.4931	* 0.4499	* 0.4741	* 0.2444
	* 5.4076	* 6.3487	* 6.8566	* 6.1877	* 5.3064	* 5.8690	* 5.5600	* 9.8020
11	* 0.4200	* 0.4880	* 0.4183	* 0.4551	* 0.4136	* 0.4876	* 0.4383	* 0.2123
	* 6.0799	* 5.2585	* 6.1864	* 5.7862	* 6.4171	* 5.4735	* 6.1066	* 11.3996
12	* 0.5080	* 0.4456	* 0.4932	* 0.4137	* 0.3700	* 0.4229	* 0.3002	
	* 5.0569	* 5.7661	* 5.3053	* 6.4159	* 7.3063	* 6.4193	* 8.2663	
13	* 0.4483	* 0.4588	* 0.4500	* 0.4877	* 0.4230	* 0.2726	* 0.1474	
	* 5.7754	* 5.6619	* 5.8670	* 5.4722	* 6.4178	* 9.1801	* 16.9129	
14	* 0.4837	* 0.4834	* 0.4742	* 0.4385	* 0.3003	* 0.1475		
	* 5.3701	* 5.3900	* 5.5583	* 6.1047	* 8.2633	* 16.9011		
15	* 0.2515	* 0.2581	* 0.2445	* 0.2123	* F-SUB-Q			
	* 9.4352	* 9.4310	* 9.7985	* 11.3963	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.2803	0.3671	0.4705	0.4414	0.5182	0.4363	0.3738	0.1922
	6.3075	6.1424	4.8744	5.2704	4.4794	5.1369	4.9236	8.2237
9	0.3671	0.4202	0.4020	0.4994	0.4612	0.4419	0.4375	0.2331
	6.1424	5.2781	5.6193	4.6378	5.0432	5.1095	4.9705	8.3062
10	0.4705	0.4020	0.3302	0.4203	0.4883	0.4343	0.4437	0.2332
	4.8744	5.6188	5.9950	5.4446	4.7987	5.3791	5.1880	8.6124
11	0.4414	0.4994	0.4204	0.4178	0.3813	0.4384	0.4079	0.2067
	5.2704	4.6375	5.4435	5.2549	5.9078	5.1755	5.8177	10.2584
12	0.5182	0.4612	0.4884	0.3814	0.2774	0.3323	0.2588	
	4.4794	5.0429	4.7978	5.9070	6.3490	5.8187	7.5857	
13	0.4363	0.4420	0.4344	0.4385	0.3324	0.1899	0.1235	
	5.1369	5.1077	5.3776	5.1745	5.8176	7.9080	14.1154	
14	0.3738	0.4376	0.4438	0.4080	0.2589	0.1236		
	4.9236	4.9694	5.1866	5.8163	7.5832	14.1019		
15	0.1922	0.2332	0.2333	0.2067	F-SUB-Q			
	8.2237	8.3046	8.6097	10.2558	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6167	0.8236	1.0733	0.9736	1.1670	1.0668	0.9307	0.4799
	3.0749	2.8593	2.2329	2.4945	2.0630	2.1937	2.0444	3.5483
9	0.8236	1.0410	0.9532	1.1748	1.1139	1.0858	1.1389	0.5677
	2.8593	2.2173	2.4633	2.0623	2.1832	2.1596	2.0045	3.6000
10	1.0733	0.9533	0.7710	0.9612	1.1284	1.0616	1.1528	0.5679
	2.2329	2.4631	2.6246	2.4567	2.1684	2.2768	2.0833	3.7175
11	0.9736	1.1749	0.9614	0.9597	0.8923	1.0888	1.0197	0.5079
	2.4945	2.0621	2.4562	2.3732	2.5833	2.1701	2.3868	4.3470
12	1.1670	1.1140	1.1286	0.8925	0.6330	0.8324	0.6354	
	2.0630	2.1831	2.1680	2.5830	2.7590	2.3793	3.1931	
13	1.0668	1.0862	1.0620	1.0891	0.8326	0.4619	0.2974	
	2.1937	2.1584	2.2761	2.1697	2.3790	3.3454	6.0490	
14	0.9307	1.1392	1.1532	1.0200	0.6356	0.2974		
	2.0444	2.0041	2.0828	2.3862	3.1921	6.0467		
15	0.4799	0.5680	0.5680	0.5080	F-SUB-Q			
	3.5483	3.5991	3.7163	4.3460	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.7753	1.0340	1.2878	1.2027	1.3661	1.3455	1.2339	0.6603
	2.5878	2.3876	1.9476	2.1049	1.8376	1.8034	1.7728	2.9477
9	1.0340	1.2363	1.2226	1.3618	1.3754	1.3734	1.3663	0.7143
	2.3876	1.9604	2.0234	1.8641	1.8430	1.7835	1.7609	3.0395
10	1.2878	1.2227	1.0386	1.1978	1.3303	1.3384	1.3780	0.7158
	1.9476	2.0232	2.1107	2.0725	1.9100	1.8821	1.8208	3.1026
11	1.2027	1.3618	1.1981	1.1469	1.1157	1.2643	1.2723	0.6480
	2.1049	1.8640	2.0720	2.1299	2.1360	1.9564	1.9818	3.5352
12	1.3661	1.3755	1.3307	1.1159	0.7928	1.0285	0.7972	
	1.8376	1.8429	1.9096	2.1357	2.2474	1.9766	2.6227	
13	1.3455	1.3741	1.3388	1.2646	1.0287	0.5942	0.3792	
	1.8034	1.7825	1.8815	1.9561	1.9763	2.6841	4.8878	
14	1.2339	1.3667	1.3784	1.2727	0.7975	0.3791		
	1.7728	1.7604	1.8203	1.9814	2.6220	4.8869		
15	0.6603	0.7146	0.7160	0.6481	F-SUB-Q			
	2.9477	3.0387	3.1015	3.5343	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8722	1.1743	1.5083	1.3583	1.5947	1.5501	1.5875	0.8061
	2.4265	2.2272	1.7559	1.9597	1.6607	1.6533	1.5866	2.7776
9	1.1743	1.4740	1.4049	1.5721	1.5631	1.5855	1.6248	0.8217
	2.2272	1.7699	1.8733	1.6989	1.7045	1.6356	1.5798	2.8625
10	1.5083	1.4050	1.3048	1.3677	1.5362	1.5306	1.6175	0.8039
	1.7559	1.8731	1.9553	1.9283	1.7353	1.7274	1.6314	2.9364
11	1.3583	1.5722	1.3680	1.3311	1.2581	1.4687	1.4809	0.7178
	1.9597	1.6988	1.9278	1.9476	1.9777	1.7639	1.7777	3.3352
12	1.5947	1.5632	1.5366	1.2583	0.8873	1.1874	0.8825	
	1.6607	1.7044	1.7349	1.9775	2.0715	1.7781	2.4653	
13	1.5501	1.5865	1.5312	1.4691	1.1877	0.6566	0.4157	
	1.6533	1.6346	1.7268	1.7635	1.7779	2.5253	4.6330	
14	1.5875	1.6253	1.6180	1.4813	0.8828	0.4156		
	1.5866	1.5793	1.6309	1.7773	2.4646	4.6324		
15	0.8061	0.8221	0.8042	0.7180	F-SUB-Q			
	2.7776	2.8617	2.9354	3.3344	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9301	1.2571	1.6351	1.4488	1.7307	1.6976	1.7885	0.9025
	2.4456	2.2254	1.7215	1.9448	1.6240	1.6349	1.5448	2.7528
9	1.2571	1.6110	1.5069	1.6993	1.6704	1.7223	1.8043	0.9038
	2.2254	1.7397	1.8650	1.6616	1.6873	1.6167	1.5375	2.8302
10	1.6351	1.5071	1.4268	1.4662	1.6522	1.6405	1.7610	0.8688
	1.7215	1.8648	1.9571	1.9154	1.7029	1.7007	1.5837	2.9001
11	1.4488	1.6995	1.4666	1.4552	1.3407	1.5932	1.6016	0.7658
	1.9449	1.6614	1.9149	1.9175	1.9613	1.7175	1.7315	3.2805
12	1.7307	1.6705	1.6526	1.3409	0.9445	1.2791	0.9410	
	1.6240	1.6872	1.7025	1.9611	2.0595	1.7410	2.4332	
13	1.6976	1.7233	1.6411	1.5937	1.2793	0.6942	0.4374	
	1.6349	1.6157	1.7001	1.7171	1.7408	2.5143	4.6316	
14	1.7885	1.8049	1.7616	1.6020	0.9414	0.4373		
	1.5448	1.5371	1.5832	1.7311	2.4325	4.6310		
15	0.9025	0.9042	0.8690	0.7660	F-SUB-Q			
	2.7528	2.8293	2.8991	3.2797	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9658	1.3123	1.7066	1.5023	1.8091	1.7765	1.8935	0.9561
	2.5350	2.2786	1.7540	1.9911	1.6480	1.6662	1.5613	2.7963
9	1.3123	1.6827	1.5633	1.7751	1.7336	1.8000	1.9053	0.9552
	2.2786	1.7766	1.9135	1.6876	1.7241	1.6454	1.5520	2.8672
10	1.7066	1.5635	1.4819	1.5219	1.7199	1.7070	1.8477	0.9125
	1.7540	1.9133	2.0142	1.9608	1.7326	1.7299	1.5975	2.9306
11	1.5023	1.7753	1.5223	1.5187	1.3916	1.6692	1.6741	0.8010
	1.9911	1.6875	1.9603	1.9573	2.0102	1.7414	1.7542	3.3187
12	1.8091	1.7337	1.7203	1.3918	0.9816	1.3337	0.9826	
	1.6480	1.7240	1.7322	2.0100	2.1246	1.7813	2.4796	
13	1.7765	1.8011	1.7076	1.6696	1.3339	0.7200	0.4523	
	1.6662	1.6444	1.7293	1.7411	1.7811	2.5857	4.7754	
14	1.8935	1.9059	1.8482	1.6745	0.9829	0.4522		
	1.5613	1.5516	1.5970	1.7538	2.4789	4.7747		
15	0.9561	0.9556	0.9127	0.8012	F-SUB-Q			
	2.7963	2.8664	2.9296	3.3179	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9871	1.3408	1.7660	1.5434	1.8764	1.8361	1.9764	0.9840
	2.6490	2.3751	1.8217	2.0792	1.7023	1.7267	1.6025	2.9152
9	1.3408	1.7411	1.6057	1.8404	1.7850	1.8608	1.9886	0.9841
	2.3751	1.8464	2.0019	1.7449	1.7941	1.7036	1.5921	2.9827
10	1.7660	1.6059	1.5197	1.5640	1.7788	1.7634	1.9247	0.9356
	1.8216	2.0016	2.1114	2.0468	1.7932	1.7907	1.6397	3.0595
11	1.5434	1.8406	1.5644	1.5692	1.4343	1.7395	1.7406	0.8167
	2.0792	1.7447	2.0462	2.0100	2.0776	1.7743	1.7895	3.4805
12	1.8764	1.7851	1.7792	1.4345	1.0076	1.3858	1.0049	
	1.7023	1.7940	1.7928	2.0774	2.2119	1.8391	2.5944	
13	1.8361	1.8620	1.7640	1.7400	1.3861	0.7344	0.4596	
	1.7267	1.7025	1.7900	1.7739	1.8389	2.7261	5.0487	
14	1.9764	1.9891	1.9253	1.7410	1.0052	0.4595		
	1.6025	1.5916	1.6392	1.7891	2.5937	5.0475		
15	0.9840	0.9846	0.9358	0.8169	F-SUB-Q			
	2.9152	2.9818	3.0585	3.4797	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0042	1.3564	1.7949	1.5627	1.9105	1.8656	2.0198	0.9995
	2.8374	2.5398	1.9502	2.2298	1.8123	1.8393	1.6970	3.1062
9	1.3564	1.7690	1.6244	1.8731	1.8100	1.8917	2.0333	1.0011
	2.5398	1.9782	2.1520	1.8599	1.9186	1.8136	1.6846	3.1734
10	1.7949	1.6246	1.5349	1.5840	1.8092	1.7937	1.9680	0.9500
	1.9502	2.1517	2.2728	2.1937	1.9100	1.9053	1.7351	3.2603
11	1.5627	1.8733	1.5844	1.5936	1.4596	1.7816	1.7796	0.8283
	2.2298	1.8597	2.1932	2.1224	2.1947	1.8590	1.8783	3.7146
12	1.9105	1.8101	1.8096	1.4597	1.0314	1.4204	1.0226	
	1.8123	1.9185	1.9096	2.1945	2.3435	1.9365	2.7359	
13	1.8656	1.8929	1.7943	1.7821	1.4208	0.7506	0.4659	
	1.8393	1.8125	1.9047	1.8585	1.9362	2.9060	5.3832	
14	2.0198	2.0339	1.9686	1.7801	1.0229	0.4659		
	1.6970	1.6841	1.7346	1.8779	2.7351	5.3816		
15	0.9995	1.0015	0.9502	0.8285	F-SUB-Q			
	3.1062	3.1724	3.2592	3.7138	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0230	1.3626	1.8170	1.5740	1.9368	1.8852	2.0528	1.0059
	3.1110	2.7411	2.1239	2.4292	1.9601	1.9942	1.8288	3.3737
9	1.3626	1.7913	1.6361	1.8983	1.8267	1.9132	2.0680	1.0092
	2.7411	2.1364	2.3534	2.0159	2.0859	1.9647	1.8140	3.4397
10	1.8170	1.6363	1.5442	1.5967	1.8331	1.8160	2.0030	0.9544
	2.1239	2.3531	2.4854	2.3921	2.0690	2.0634	1.8684	3.5449
11	1.5740	1.8985	1.5971	1.6129	1.4795	1.8169	1.8119	0.8333
	2.4292	2.0157	2.3915	2.2751	2.3666	1.9832	2.0018	4.0350
12	1.9368	1.8268	1.8335	1.4797	1.0580	1.4544	1.0332	
	1.9601	2.0858	2.0685	2.3664	2.5360	2.0791	2.9601	
13	1.8852	1.9144	1.8166	1.8174	1.4547	0.7657	0.4703	
	1.9942	1.9635	2.0627	1.9828	2.0788	3.1576	5.8427	
14	2.0528	2.0686	2.0036	1.8124	1.0336	0.4703		
	1.8288	1.8135	1.8679	2.0014	2.9592	5.8408		
15	1.0059	1.0097	0.9546	0.8334	F-SUB-Q			
	3.3737	3.4386	3.5438	4.0341	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0312	1.3682	1.7930	1.5581	1.9125	1.8684	2.0328	1.0109
	3.4561	3.0510	2.3406	2.6557	2.1478	2.1830	2.0054	3.6363
9	1.3682	1.7685	1.6179	1.8756	1.8081	1.8973	2.0490	1.0148
	3.0510	2.3882	2.5871	2.2095	2.2798	2.1475	1.9877	3.7043
10	1.7930	1.6181	1.5263	1.5824	1.8149	1.8034	1.9869	0.9641
	2.3406	2.5868	2.7333	2.6160	2.2586	2.2455	2.0364	3.7841
11	1.5581	1.8758	1.5828	1.5947	1.4739	1.8062	1.7999	0.8445
	2.6557	2.2093	2.6153	2.5181	2.6109	2.1863	2.2087	4.2750
12	1.9125	1.8082	1.8153	1.4741	1.0737	1.4517	1.0489	
	2.1478	2.2797	2.2581	2.6107	2.8294	2.3184	3.2181	
13	1.8684	1.8984	1.8040	1.8067	1.4520	0.7834	0.4784	
	2.1830	2.1462	2.2448	2.1858	2.3181	3.4681	6.3948	
14	2.0328	2.0496	1.9874	1.8003	1.0493	0.4784		
	2.0054	1.9872	2.0358	2.2082	3.2171	6.3925		
15	1.0109	1.0153	0.9644	0.8446	F-SUB-Q			
	3.6363	3.7032	3.7829	4.2741	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0290	1.3589	1.8162	1.5648	1.9386	1.8838	2.0660	1.0046
	3.8076	3.3713	2.4926	2.8482	2.2777	2.3162	2.1104	3.8990
9	1.3589	1.7921	1.6265	1.9014	1.8214	1.9149	2.0844	1.0116
	3.3713	2.5436	2.7720	2.3466	2.4362	2.2791	2.0903	3.9610
10	1.8162	1.6267	1.5329	1.5909	1.8385	1.8235	2.0244	0.9563
	2.4926	2.7716	2.9269	2.8033	2.4023	2.3919	2.1512	4.0865
11	1.5648	1.9016	1.5913	1.6145	1.4896	1.8446	1.8359	0.8362
	2.8482	2.3464	2.8026	2.7638	2.8770	2.3785	2.3706	4.6512
12	1.9386	1.8215	1.8389	1.4898	1.0816	1.4849	1.0460	
	2.2777	2.4361	2.4018	2.8767	3.1077	2.5275	3.5944	
13	1.8838	1.9161	1.8241	1.8451	1.4852	0.7834	0.4759	
	2.3162	2.2777	2.3912	2.3779	2.5271	3.8807	7.1611	
14	2.0660	2.0850	2.0250	1.8364	1.0464	0.4759		
	2.1104	2.0897	2.1506	2.3701	3.5933	7.1585		
15	1.0046	1.0121	0.9566	0.8363	F-SUB-Q			
	3.8990	3.9597	4.0852	4.6503	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0268	1.3538	1.8106	1.5552	1.9321	1.8761	2.0643	1.0003
	3.8754	3.4094	2.6225	3.0269	2.4493	2.5128	2.2820	4.2185
9	1.3538	1.7871	1.6173	1.8962	1.8125	1.9088	2.0842	1.0090
	3.4094	2.6562	2.9318	2.5121	2.6145	2.4708	2.2584	4.2789
10	1.8106	1.6175	1.5233	1.5834	1.8356	1.8220	2.0285	0.9547
	2.6225	2.9314	3.1191	3.0122	2.6047	2.5910	2.3222	4.4124
11	1.5552	1.8964	1.5839	1.6132	1.4911	1.8542	1.8441	0.8358
	3.0269	2.5118	3.0114	2.8636	3.0147	2.5189	2.5569	5.0284
12	1.9321	1.8126	1.8360	1.4912	1.0892	1.4976	1.0513	
	2.4493	2.6144	2.6042	3.0145	3.3032	2.6892	3.8294	
13	1.8761	1.9100	1.8226	1.8546	1.4980	0.7902	0.4787	
	2.5128	2.4692	2.5902	2.5183	2.6887	4.1566	7.7380	
14	2.0643	2.0848	2.0291	1.8445	1.0517	0.4787		
	2.2820	2.2578	2.3216	2.5563	3.8282	7.7349		
15	1.0003	1.0094	0.9549	0.8360	F-SUB-Q			
	4.2185	4.2775	4.4110	5.0275	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 12 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0281	1.3529	1.7811	1.5317	1.8982	1.8495	2.0336	0.9966
	3.9221	3.4019	2.5637	2.9541	2.3943	2.4631	2.2498	4.1400
9	1.3529	1.7607	1.5940	1.8655	1.7855	1.8836	2.0549	1.0060
	3.4019	2.6197	2.8611	2.4559	2.5518	2.4257	2.2343	4.2128
10	1.7811	1.5942	1.5012	1.5634	1.8115	1.8036	2.0061	0.9558
	2.5637	2.8607	3.0456	2.9384	2.5502	2.5702	2.3189	4.3632
11	1.5317	1.8657	1.5638	1.5971	1.4841	1.8424	1.8311	0.8425
	2.9541	2.4557	2.9376	2.9108	3.0563	2.5529	2.5832	5.0097
12	1.8982	1.7855	1.8119	1.4843	1.1023	1.4990	1.0659	
	2.3943	2.5516	2.5496	3.0561	3.3500	2.7297	3.8253	
13	1.8495	1.8848	1.8042	1.8429	1.4994	0.8075	0.4875	
	2.4631	2.4242	2.5694	2.5523	2.7293	4.1638	7.7508	
14	2.0336	2.0555	2.0067	1.8315	1.0663	0.4875		
	2.2498	2.2337	2.3182	2.5826	3.8241	7.7473		
15	0.9966	1.0065	0.9560	0.8426				F-SUB-Q
	4.1400	4.2114	4.3619	5.0087				M-SUB-Q

AT 50% POWER, 150 EFPD, THIS IS LEVEL 11 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0377	1.3480	1.7965	1.5293	1.9095	1.8525	2.0524	0.9838
	3.7610	3.3008	2.4647	2.8636	2.3036	2.3784	2.1561	4.0473
9	1.3480	1.7818	1.5972	1.8801	1.7879	1.8903	2.0764	0.9963
	3.3008	2.5162	2.7686	2.3623	2.4684	2.3408	2.1405	4.1093
10	1.7965	1.5974	1.5028	1.5661	1.8276	1.8176	2.0354	0.9432
	2.4647	2.7682	2.9508	2.8477	2.4552	2.4788	2.2206	4.2806
11	1.5293	1.8802	1.5665	1.6244	1.5065	1.8840	1.8709	0.8330
	2.8635	2.3621	2.8470	2.7644	2.9228	2.4259	2.4604	4.9273
12	1.9095	1.7880	1.8280	1.5066	1.1314	1.5545	1.0722	
	2.3036	2.4683	2.4547	2.9226	3.2139	2.5978	3.7017	
13	1.8525	1.8915	1.8182	1.8844	1.5548	0.8291	0.4930	
	2.3784	2.3393	2.4779	2.4253	2.5974	4.0339	7.4779	
14	2.0524	2.0770	2.0360	1.8713	1.0726	0.4930		
	2.1561	2.1400	2.2199	2.4599	3.7005	7.4747		
15	0.9838	0.9968	0.9434	0.8331				F-SUB-Q
	4.0473	4.1079	4.2792	4.9263				M-SUB-Q

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0918	1.3571	1.7930	1.5159	1.8973	1.8389	2.0454	0.9723
	3.5206	3.0781	2.2899	2.6773	2.1556	2.2322	2.0159	3.7909
9	1.3571	1.7872	1.5894	1.8724	1.7751	1.8799	2.0714	0.9868
	3.0781	2.3303	2.5774	2.2017	2.3095	2.1942	1.9991	3.8405
10	1.7930	1.5897	1.4942	1.5591	1.8263	1.8171	2.0407	0.9341
	2.2899	2.5770	2.7472	2.6550	2.2886	2.3133	2.0659	4.0016
11	1.5159	1.8726	1.5596	1.6423	1.5292	1.9097	1.8943	0.8304
	2.6773	2.2015	2.6543	2.5792	2.7272	2.2512	2.2829	4.5798
12	1.8973	1.7752	1.8268	1.5293	1.2109	1.6206	1.0920	
	2.1556	2.3094	2.2881	2.7270	2.9910	2.4081	3.4573	
13	1.8389	1.8811	1.8176	1.9101	1.6209	0.8915	0.5079	
	2.2322	2.1929	2.3126	2.2507	2.4077	3.7728	7.0170	
14	2.0454	2.0720	2.0413	1.8947	1.0925	0.5079		
	2.0159	1.9985	2.0653	2.2824	3.4562	7.0139		
15	0.9723	0.9873	0.9343	0.8306	F-SUB-Q			
	3.7909	3.8392	4.0005	4.5790	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1579	1.3627	1.7765	1.4941	1.8703	1.8145	2.0205	0.9602
	3.3093	2.8507	2.1236	2.4909	2.0036	2.0732	1.8693	3.5206
9	1.3627	1.7816	1.5737	1.8506	1.7517	1.8577	2.0485	0.9761
	2.8507	2.1588	2.3931	2.0447	2.1467	2.0361	1.8530	3.5635
10	1.7765	1.5740	1.4791	1.5442	1.8131	1.8080	2.0286	0.9281
	2.1236	2.3927	2.5526	2.4672	2.1224	2.1426	1.9107	3.7027
11	1.4941	1.8507	1.5446	1.6505	1.5500	1.9203	1.9023	0.8290
	2.4909	2.0445	2.4666	2.4187	2.5697	2.1033	2.1096	4.2332
12	1.8703	1.7518	1.8136	1.5502	1.3433	1.7155	1.1150	
	2.0036	2.1466	2.1219	2.5695	2.8257	2.2702	3.2493	
13	1.8145	1.8589	1.8086	1.9208	1.7158	0.9690	0.5262	
	2.0732	2.0349	2.1420	2.1028	2.2698	3.5569	6.6321	
14	2.0205	2.0490	2.0291	1.9028	1.1155	0.5262		
	1.8693	1.8524	1.9102	2.1091	3.2482	6.6291		
15	0.9602	0.9766	0.9283	0.8291	F-SUB-Q			
	3.5206	3.5622	3.7015	4.2324	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1824	1.3515	1.7378	1.4602	1.8205	1.7743	1.9709	0.9473
	3.3541	2.8720	2.1703	2.5452	2.0539	2.1158	1.9114	3.5660
9	1.3515	1.7505	1.5432	1.8059	1.7120	1.8180	1.9998	0.9632
	2.8720	2.2044	2.4409	2.0935	2.1937	2.0771	1.8942	3.6091
10	1.7378	1.5434	1.4503	1.5153	1.7780	1.7852	1.9897	0.9208
	2.1703	2.4406	2.6054	2.5169	2.1673	2.1807	1.9481	3.7341
11	1.4602	1.8061	1.5157	1.6323	1.5466	1.9026	1.8828	0.8298
	2.5452	2.0933	2.5162	2.4717	2.6272	2.1378	2.1430	4.2419
12	1.8205	1.7121	1.7785	1.5467	1.3987	1.7492	1.1330	
	2.0539	2.1936	2.1669	2.6270	2.8857	2.3213	3.2734	
13	1.7743	1.8192	1.7857	1.9031	1.7495	1.0171	0.5405	
	2.1158	2.0758	2.1800	2.1373	2.3209	3.5907	6.7033	
14	1.9709	2.0004	1.9902	1.8832	1.1335	0.5406		
	1.9114	1.8937	1.9475	2.1425	3.2723	6.7002		
15	0.9473	0.9637	0.9210	0.8300	F-SUB-Q			
	3.5660	3.6079	3.7329	4.2411	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1727	1.3405	1.7301	1.4385	1.8069	1.7536	1.9618	0.9200
	3.1441	2.7206	2.0292	2.4056	1.9268	1.9933	1.7880	3.4234
9	1.3405	1.7476	1.5266	1.7951	1.6919	1.8003	1.9918	0.9384
	2.7206	2.0566	2.2974	1.9615	2.0671	1.9531	1.7709	3.4550
10	1.7301	1.5269	1.4342	1.4976	1.7704	1.7801	1.9889	0.8923
	2.0292	2.2970	2.4547	2.3734	2.0297	2.0449	1.8154	3.5940
11	1.4385	1.7953	1.4980	1.6348	1.5463	1.9141	1.8931	0.8060
	2.4056	1.9613	2.3728	2.3005	2.4441	1.9834	1.9888	4.0750
12	1.8069	1.6919	1.7709	1.5464	1.4165	1.7792	1.1163	
	1.9268	2.0670	2.0292	2.4440	2.7105	2.1639	3.1090	
13	1.7536	1.8015	1.7807	1.9146	1.7796	1.0136	0.5341	
	1.9933	1.9519	2.0443	1.9829	2.1635	3.4381	6.4501	
14	1.9618	1.9924	1.9894	1.8935	1.1167	0.5341		
	1.7880	1.7704	1.8149	1.9883	3.1079	6.4469		
15	0.9200	0.9389	0.8925	0.8061	F-SUB-Q			
	3.4234	3.4537	3.5929	4.0742	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1444	1.3044	1.6794	1.3932	1.7506	1.7030	1.9049	0.8906
	2.9971	2.6015	1.9579	2.3317	1.8675	1.9276	1.7291	3.3277
9	1.3044	1.6994	1.4824	1.7410	1.6414	1.7501	1.9348	0.9094
	2.6015	1.9760	2.2166	1.8977	2.0001	1.8865	1.7120	3.3540
10	1.6794	1.4827	1.3937	1.4540	1.7224	1.7363	1.9364	0.8651
	1.9579	2.2162	2.3678	2.2920	1.9571	1.9686	1.7485	3.4852
11	1.3932	1.7412	1.4544	1.5924	1.5100	1.8687	1.8497	0.7838
	2.3317	1.8975	2.2914	2.2034	2.3471	1.8959	1.9034	3.9326
12	1.7506	1.6416	1.7228	1.5101	1.3921	1.7482	1.0922	
	1.8675	2.0000	1.9566	2.3470	2.5598	2.0495	2.9769	
13	1.7030	1.7513	1.7368	1.8691	1.7485	0.9973	0.5240	
	1.9276	1.8852	1.9679	1.8954	2.0491	3.2582	6.1408	
14	1.9049	1.9353	1.9370	1.8501	1.0926	0.5240		
	1.7291	1.7115	1.7480	1.9030	2.9759	6.1379		
15	0.8906	0.9099	0.8653	0.7840	F-SUB-Q			
	3.3277	3.3528	3.4841	3.9319	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0976	1.2412	1.5773	1.3200	1.6436	1.6166	1.7912	0.8565
	2.9360	2.5477	1.9664	2.3302	1.8843	1.9242	1.7424	3.2863
9	1.2412	1.5993	1.4063	1.6357	1.5562	1.6610	1.8186	0.8735
	2.5477	1.9708	2.2047	1.9105	1.9983	1.8824	1.7251	3.3154
10	1.5773	1.4065	1.3256	1.3809	1.6267	1.6476	1.8221	0.8367
	1.9664	2.2043	2.3487	2.2783	1.9567	1.9573	1.7552	3.4170
11	1.3200	1.6359	1.3813	1.5002	1.4354	1.7581	1.7433	0.7610
	2.3302	1.9103	2.2777	2.1829	2.3070	1.8854	1.8950	3.8276
12	1.6436	1.5563	1.6271	1.4355	1.3290	1.6546	1.0599	
	1.8843	1.9982	1.9562	2.3068	2.5384	2.0507	2.8877	
13	1.6166	1.6621	1.6480	1.7585	1.6549	0.9728	0.5123	
	1.9242	1.8811	1.9567	1.8849	2.0503	3.1619	5.9609	
14	1.7912	1.8192	1.8227	1.7438	1.0603	0.5123		
	1.7424	1.7246	1.7547	1.8945	2.8867	5.9581		
15	0.8565	0.8739	0.8369	0.7612	F-SUB-Q			
	3.2863	3.3142	3.4159	3.8268	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0373	1.1743	1.4881	1.2485	1.5519	1.5335	1.6925	0.8002
	2.8944	2.5372	1.9829	2.3526	1.9073	1.9382	1.7632	3.3698
9	1.1743	1.5107	1.3334	1.5446	1.4769	1.5774	1.7174	0.8176
	2.5372	1.9738	2.2121	1.9302	2.0112	1.8936	1.7458	3.3917
10	1.4881	1.3336	1.2612	1.3095	1.5414	1.5617	1.7211	0.7787
	1.9829	2.2117	2.3491	2.2865	1.9656	1.9617	1.7702	3.5102
11	1.2485	1.5448	1.3099	1.4193	1.3613	1.6556	1.6454	0.7063
	2.3526	1.9300	2.2858	2.1819	2.2909	1.8924	1.8980	3.9274
12	1.5519	1.4770	1.5418	1.3614	1.2632	1.5658	0.9866	
	1.9073	2.0112	1.9652	2.2907	2.5123	2.0338	2.9181	
13	1.5335	1.5785	1.5622	1.6561	1.5661	0.9104	0.4775	
	1.9382	1.8924	1.9611	1.8919	2.0335	3.1968	6.0331	
14	1.6925	1.7179	1.7216	1.6458	0.9870	0.4774		
	1.7632	1.7453	1.7697	1.8976	2.9171	6.0308		
15	0.8002	0.8180	0.7789	0.7064	F-SUB-Q			
	3.3698	3.3904	3.5091	3.9266	M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9385	1.0611	1.3188	1.1317	1.3813	1.3821	1.4999	0.7269
	3.0559	2.6761	2.1511	2.5025	2.0674	2.0762	1.9209	3.5866
9	1.0611	1.3411	1.2042	1.3794	1.3373	1.4209	1.5240	0.7428
	2.6761	2.1286	2.3551	2.0816	2.1409	2.0281	1.8983	3.6097
10	1.3188	1.2044	1.1394	1.1899	1.3758	1.4054	1.5248	0.7055
	2.1511	2.3547	2.5043	2.4211	2.1175	2.0949	1.9229	3.7406
11	1.1317	1.3796	1.1903	1.2719	1.2309	1.4659	1.4562	0.6367
	2.5025	2.0814	2.4205	2.3211	2.4205	2.0388	2.0509	4.1936
12	1.3813	1.3374	1.3761	1.2310	1.1365	1.3873	0.8899	
	2.0674	2.1409	2.1171	2.4204	2.6541	2.1863	3.0977	
13	1.3821	1.4218	1.4058	1.4662	1.3876	0.8190	0.4301	
	2.0762	2.0269	2.0942	2.0383	2.1859	3.3763	6.3896	
14	1.4999	1.5245	1.5252	1.4565	0.8902	0.4301		
	1.9209	1.8977	1.9223	2.0504	3.0967	6.3874		
15	0.7269	0.7431	0.7056	0.6368	F-SUB-Q			
	3.5866	3.6085	3.7395	4.1929	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 150 EFPD, THIS IS LEVEL 2 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7450	* 0.8480	* 1.0928	* 0.9156	* 1.1655	* 1.0926	* 1.2361	* 0.5923
	* 3.6974	* 3.2421	* 2.5203	* 3.0109	* 2.3828	* 2.5577	* 2.2690	* 4.2943
9	* 0.8480	* 1.1333	* 0.9464	* 1.1801	* 1.0763	* 1.1267	* 1.2694	* 0.6113
	* 3.2421	* 2.4407	* 2.9113	* 2.3559	* 2.5816	* 2.4890	* 2.2169	* 4.2770
10	* 1.0928	* 0.9465	* 0.8864	* 0.9632	* 1.1729	* 1.1136	* 1.2552	* 0.5740
	* 2.5203	* 2.9109	* 3.1308	* 2.9046	* 2.4161	* 2.5699	* 2.2683	* 4.4774
11	* 0.9156	* 1.1801	* 0.9634	* 1.0813	* 0.9711	* 1.2308	* 1.1454	* 0.5061
	* 3.0109	* 2.3558	* 2.9039	* 2.6421	* 2.9576	* 2.3481	* 2.5236	* 5.1300
12	* 1.1655	* 1.0764	* 1.1731	* 0.9712	* 0.8800	* 1.0924	* 0.7133	
	* 2.3828	* 2.5815	* 2.4157	* 2.9574	* 3.3204	* 2.6890	* 3.7389	
13	* 1.0926	* 1.1273	* 1.1139	* 1.2311	* 1.0926	* 0.6403	* 0.3405	
	* 2.5577	* 2.4876	* 2.5692	* 2.3476	* 2.6886	* 4.1821	* 7.8286	
14	* 1.2361	* 1.2696	* 1.2555	* 1.1457	* 0.7136	* 0.3404		
	* 2.2690	* 2.2164	* 2.2677	* 2.5231	* 3.7377	* 7.8266		
15	* 0.5923	* 0.6116	* 0.5741	* 0.5062	* F-SUB-Q			
	* 4.2943	* 4.2757	* 4.4762	* 5.1290	* M-SUB-Q			

AT 50% POWER, 150 EFPD, THIS IS LEVEL 1 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3282	* 0.3691	* 0.4514	* 0.4033	* 0.4844	* 0.4242	* 0.4613	* 0.2427
	* 8.1671	* 7.2616	* 5.9531	* 6.6786	* 5.5897	* 6.4249	* 5.9291	* 10.2459
9	* 0.3691	* 0.4344	* 0.3844	* 0.4714	* 0.4272	* 0.4338	* 0.4611	* 0.2491
	* 7.2616	* 6.1913	* 6.9962	* 5.7416	* 6.3403	* 6.3011	* 5.9481	* 10.2420
10	* 0.4514	* 0.3844	* 0.3603	* 0.4027	* 0.4742	* 0.4276	* 0.4530	* 0.2359
	* 5.9531	* 6.9954	* 7.5204	* 6.7727	* 5.8050	* 6.5027	* 6.1184	* 10.6438
11	* 0.4033	* 0.4715	* 0.4028	* 0.4424	* 0.3953	* 0.4670	* 0.4204	* 0.2050
	* 6.6786	* 5.7413	* 6.7714	* 6.2628	* 7.0515	* 6.0047	* 6.6884	* 12.3612
12	* 0.4844	* 0.4272	* 0.4743	* 0.3954	* 0.3527	* 0.4045	* 0.2853	
	* 5.5897	* 6.3400	* 5.8041	* 7.0509	* 7.9986	* 7.0406	* 9.0848	
13	* 0.4242	* 0.4340	* 0.4277	* 0.4671	* 0.4046	* 0.2582	* 0.1422	
	* 6.4249	* 6.2986	* 6.5010	* 6.0037	* 7.0394	* 10.1149	* 18.2986	
14	* 0.4613	* 0.4611	* 0.4531	* 0.4205	* 0.2854	* 0.1423		
	* 5.9291	* 5.9469	* 6.1169	* 6.6870	* 9.0823	* 18.2818		
15	* 0.2427	* 0.2492	* 0.2359	* 0.2050	* F-SUB-Q			
	* 10.2459	* 10.2402	* 10.6409	* 12.3588	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.2737	0.3590	0.4634	0.4401	0.5155	0.4311	0.3657	0.1873
	6.2942	6.1317	4.8731	5.1879	4.4580	5.0176	4.8579	7.9742
9	0.3590	0.4094	0.3945	0.4978	0.4607	0.4408	0.4354	0.2346
	6.1317	5.2961	5.5405	4.6012	4.9260	5.0076	4.8979	8.0502
10	0.4634	0.3945	0.3238	0.4197	0.4941	0.4397	0.4483	0.2373
	4.8731	5.5403	5.8744	5.3121	4.7219	5.2314	5.0875	8.3372
11	0.4401	0.4978	0.4198	0.4259	0.3893	0.4515	0.4205	0.2142
	5.1879	4.6009	5.3114	5.1279	5.7121	5.0653	5.6654	9.8728
12	0.5155	0.4608	0.4941	0.3894	0.2863	0.3479	0.2696	
	4.4580	4.9257	4.7212	5.7114	6.1081	5.6467	7.3764	
13	0.4311	0.4409	0.4398	0.4516	0.3480	0.1997	0.1325	
	5.0176	5.0062	5.2302	5.0646	5.6457	7.6427	13.4303	
14	0.3657	0.4355	0.4484	0.4206	0.2697	0.1326		
	4.8579	4.8969	5.0864	5.6642	7.3742	13.4175		
15	0.1873	0.2347	0.2373	0.2142	F-SUB-Q			
	7.9742	8.0488	8.3351	9.8708	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.5903	0.7889	1.0345	0.9570	1.1427	1.0290	0.8743	0.4495
	3.1460	2.9085	2.2755	2.4887	2.0898	2.1847	2.0623	3.4916
9	0.7889	0.9867	0.9158	1.1551	1.0948	1.0528	1.1011	0.5584
	2.9085	2.2781	2.4743	2.0688	2.1650	2.1593	2.0189	3.5376
10	1.0345	0.9159	0.7322	0.9455	1.1286	1.0510	1.1363	0.5674
	2.2755	2.4741	2.6304	2.4338	2.1548	2.2592	2.0884	3.6531
11	0.9570	1.1552	0.9457	0.9639	0.9042	1.0977	1.0315	0.5163
	2.4887	2.0687	2.4334	2.3397	2.5381	2.1665	2.3770	4.2611
12	1.1427	1.0948	1.1288	0.9043	0.6442	0.8519	0.6492	
	2.0898	2.1648	2.1545	2.5378	2.7195	2.3719	3.1665	
13	1.0290	1.0532	1.0513	1.0979	0.8521	0.4736	0.3124	
	2.1847	2.1584	2.2586	2.1662	2.3716	3.3204	5.8810	
14	0.8743	1.1014	1.1366	1.0317	0.6494	0.3124		
	2.0623	2.0185	2.0879	2.3766	3.1657	5.8786		
15	0.4495	0.5586	0.5675	0.5164	F-SUB-Q			
	3.4916	3.5368	3.6522	4.2603	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7432	* 0.9904	* 1.2796	* 1.1932	* 1.3913	* 1.2911	* 1.1246	* 0.5911
	* 2.6647	* 2.4287	* 1.9216	* 2.0802	* 1.7812	* 1.7925	* 1.7373	* 2.8786
9	* 0.9904	* 1.2038	* 1.1704	* 1.3701	* 1.3638	* 1.3205	* 1.3544	* 0.7047
	* 2.4287	* 1.9492	* 2.0288	* 1.8159	* 1.8116	* 1.7839	* 1.7183	* 2.9456
10	* 1.2796	* 1.1705	* 0.9494	* 1.1811	* 1.3273	* 1.3206	* 1.3935	* 0.7149
	* 1.9216	* 2.0287	* 2.1277	* 2.0396	* 1.8982	* 1.8674	* 1.7755	* 3.0154
11	* 1.1932	* 1.3702	* 1.1813	* 1.1701	* 1.1385	* 1.3238	* 1.2966	* 0.6596
	* 2.0802	* 1.8157	* 2.0393	* 2.0662	* 2.0864	* 1.8733	* 1.9559	* 3.4615
12	* 1.3913	* 1.3639	* 1.3275	* 1.1386	* 0.8104	* 1.0622	* 0.8188	
	* 1.7812	* 1.8115	* 1.8980	* 2.0862	* 2.2335	* 1.9604	* 2.5915	
13	* 1.2911	* 1.3211	* 1.3209	* 1.3241	* 1.0624	* 0.6047	* 0.3957	
	* 1.7925	* 1.7830	* 1.8669	* 1.8731	* 1.9602	* 2.6906	* 4.7885	
14	* 1.1246	* 1.3548	* 1.3938	* 1.2968	* 0.8190	* 0.3957		
	* 1.7373	* 1.7179	* 1.7751	* 1.9556	* 2.5909	* 4.7871		
15	* 0.5911	* 0.7049	* 0.7150	* 0.6597	F-SUB-Q			
	* 2.8786	* 2.9449	* 3.0146	* 3.4609	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8367	* 1.1274	* 1.5014	* 1.3552	* 1.6263	* 1.4870	* 1.4027	* 0.7208
	* 2.5121	* 2.2708	* 1.7356	* 1.9317	* 1.6066	* 1.6485	* 1.5544	* 2.7048
9	* 1.1274	* 1.4206	* 1.3475	* 1.6075	* 1.5565	* 1.5167	* 1.6146	* 0.8039
	* 2.2708	* 1.7609	* 1.8805	* 1.6375	* 1.6734	* 1.6412	* 1.5401	* 2.7614
10	* 1.5014	* 1.3477	* 1.1284	* 1.3479	* 1.5472	* 1.5116	* 1.6399	* 0.8054
	* 1.7356	* 1.8804	* 1.9769	* 1.8961	* 1.7178	* 1.7162	* 1.5906	* 2.8467
11	* 1.3552	* 1.6076	* 1.3482	* 1.3639	* 1.2885	* 1.5420	* 1.5060	* 0.7314
	* 1.9317	* 1.6374	* 1.8958	* 1.8775	* 1.9313	* 1.6852	* 1.7591	* 3.2685
12	* 1.6263	* 1.5565	* 1.5474	* 1.2887	* 0.9093	* 1.2253	* 0.9058	
	* 1.6066	* 1.6733	* 1.7175	* 1.9311	* 2.0710	* 1.7722	* 2.4409	
13	* 1.4870	* 1.5173	* 1.5120	* 1.5423	* 1.2255	* 0.6644	* 0.4317	
	* 1.6485	* 1.6403	* 1.7158	* 1.6850	* 1.7720	* 2.5502	* 4.5658	
14	* 1.4027	* 1.6150	* 1.6403	* 1.5063	* 0.9061	* 0.4316		
	* 1.5544	* 1.5398	* 1.5903	* 1.7588	* 2.4404	* 4.5650		
15	* 0.7208	* 0.8043	* 0.8055	* 0.7315	F-SUB-Q			
	* 2.7048	* 2.7607	* 2.8459	* 3.2679	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8950	1.2142	1.6321	1.4495	1.7674	1.6113	1.7071	0.8611
	2.5445	2.2747	1.7117	1.9231	1.5800	1.6400	1.5214	2.6899
9	1.2142	1.5756	1.4604	1.7527	1.6680	1.6487	1.7892	0.8934
	2.2747	1.7406	1.8794	1.6037	1.6617	1.6317	1.5076	2.7386
10	1.6321	1.4606	1.3292	1.4588	1.6797	1.6213	1.7886	0.8775
	1.7117	1.8793	1.9858	1.8882	1.6762	1.6993	1.5519	2.8194
11	1.4495	1.7528	1.4591	1.4841	1.3733	1.6662	1.6227	0.7797
	1.9231	1.6036	1.8878	1.8463	1.9227	1.6498	1.7186	3.2290
12	1.7674	1.6681	1.6800	1.3734	0.9694	1.3121	0.9613	
	1.5800	1.6616	1.6759	1.9225	2.0715	1.7467	2.4238	
13	1.6113	1.6497	1.6218	1.6665	1.3123	0.6982	0.4516	
	1.6400	1.6309	1.6988	1.6496	1.7466	2.5561	4.5939	
14	1.7071	1.7897	1.7890	1.6230	0.9616	0.4515		
	1.5214	1.5072	1.5515	1.7183	2.4233	4.5930		
15	0.8611	0.8937	0.8777	0.7798	F-SUB-Q			
	2.6899	2.7379	2.8186	3.2285	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9326	1.2738	1.7090	1.5069	1.8513	1.7182	1.8833	0.9517
	2.6516	2.3347	1.7536	1.9668	1.6114	1.6832	1.5489	2.7475
9	1.2738	1.6682	1.5284	1.8391	1.7342	1.7475	1.9140	0.9653
	2.3347	1.7873	1.9390	1.6293	1.6980	1.6723	1.5330	2.7906
10	1.7090	1.5285	1.4359	1.5270	1.7571	1.6876	1.8797	0.9287
	1.7536	1.9388	2.0522	1.9362	1.6904	1.7261	1.5666	2.8664
11	1.5069	1.8392	1.5274	1.5564	1.4229	1.7370	1.6876	0.8142
	1.9668	1.6292	1.9358	1.8876	1.9805	1.6803	1.7252	3.2290
12	1.8513	1.7343	1.7574	1.4230	1.0073	1.3581	0.9977	
	1.6114	1.6979	1.6901	1.9803	2.1500	1.7999	2.4846	
13	1.7182	1.7485	1.6880	1.7373	1.3583	0.7189	0.4637	
	1.6832	1.6715	1.7257	1.6800	1.7997	2.6469	4.7674	
14	1.8833	1.9145	1.8801	1.6879	0.9980	0.4636		
	1.5489	1.5327	1.5663	1.7249	2.4841	4.7664		
15	0.9517	0.9657	0.9289	0.8143	F-SUB-Q			
	2.7475	2.7899	2.8657	3.2285	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9528	1.3048	1.7705	1.5477	1.9195	1.7874	1.9862	0.9931
	2.7853	2.4196	1.7914	2.0247	1.6398	1.7252	1.5765	2.8445
9	1.3048	1.7342	1.5750	1.9106	1.7849	1.8139	2.0101	1.0044
	2.4196	1.8321	1.9936	1.6568	1.7424	1.7081	1.5548	2.8744
10	1.7705	1.5752	1.4853	1.5736	1.8232	1.7394	1.9564	0.9547
	1.7914	1.9934	2.1169	1.9849	1.7208	1.7659	1.5860	2.9393
11	1.5477	1.9108	1.5740	1.6137	1.4609	1.7992	1.7442	0.8269
	2.0247	1.6567	1.9845	1.9450	2.0591	1.7143	1.7636	3.3567
12	1.9195	1.7849	1.8235	1.4610	1.0293	1.3986	1.0124	
	1.6398	1.7422	1.7205	2.0589	2.2541	1.8721	2.6194	
13	1.7874	1.8150	1.7398	1.7995	1.3988	0.7259	0.4669	
	1.7252	1.7073	1.7655	1.7140	1.8719	2.8077	5.0686	
14	1.9862	2.0105	1.9568	1.7445	1.0127	0.4669		
	1.5765	1.5544	1.5856	1.7633	2.6188	5.0672		
15	0.9931	1.0048	0.9549	0.8270	F-SUB-Q			
	2.8445	2.8736	2.9385	3.3562	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9626	1.3192	1.7976	1.5650	1.9496	1.8156	2.0321	1.0116
	2.9948	2.5739	1.8946	2.1464	1.7269	1.8110	1.6414	2.9724
9	1.3192	1.7616	1.5932	1.9437	1.8062	1.8427	2.0550	1.0232
	2.5739	1.9367	2.1145	1.7446	1.8433	1.7936	1.6207	3.0056
10	1.7976	1.5934	1.5022	1.5928	1.8546	1.7623	1.9929	0.9681
	1.8946	2.1144	2.2434	2.1015	1.8117	1.8632	1.6629	3.0928
11	1.5650	1.9438	1.5931	1.6419	1.4788	1.8304	1.7718	0.8348
	2.1464	1.7445	2.1011	2.0534	2.1875	1.8060	1.8601	3.5574
12	1.9496	1.8062	1.8549	1.4789	1.0410	1.4190	1.0218	
	1.7269	1.8432	1.8114	2.1873	2.4025	1.9841	2.7804	
13	1.8156	1.8437	1.7628	1.8308	1.4192	0.7310	0.4689	
	1.8110	1.7927	1.8627	1.8056	1.9839	3.0107	5.4362	
14	2.0321	2.0555	1.9933	1.7721	1.0221	0.4688		
	1.6414	1.6204	1.6625	1.8598	2.7798	5.4346		
15	1.0116	1.0236	0.9683	0.8349	F-SUB-Q			
	2.9724	3.0048	3.0921	3.5569	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9706	1.3199	1.8147	1.5717	1.9687	1.8283	2.0589	1.0160
	3.2894	2.8098	2.0464	2.3253	1.8568	1.9467	1.7523	3.1983
9	1.3199	1.7799	1.6013	1.9653	1.8166	1.8571	2.0827	1.0290
	2.8098	2.0910	2.2921	1.8763	1.9915	1.9270	1.7303	3.2309
10	1.8147	1.6015	1.5090	1.6013	1.8769	1.7748	2.0177	0.9687
	2.0464	2.2919	2.4313	2.2742	1.9459	2.0072	1.7805	3.3461
11	1.5717	1.9654	1.6016	1.6626	1.4901	1.8539	1.7919	0.8350
	2.3253	1.8762	2.2738	2.2107	2.3699	1.9399	2.0000	3.8589
12	1.9687	1.8167	1.8772	1.4902	1.0518	1.4379	1.0243	
	1.8568	1.9914	1.9456	2.3697	2.6117	2.1416	3.0241	
13	1.8283	1.8581	1.7752	1.8542	1.4381	0.7361	0.4690	
	1.9467	1.9261	2.0067	1.9396	2.1414	3.2865	5.9289	
14	2.0589	2.0831	2.0181	1.7922	1.0245	0.4690		
	1.7523	1.7299	1.7802	1.9997	3.0234	5.9270		
15	1.0160	1.0294	0.9688	0.8351	F-SUB-Q			
	3.1983	3.2301	3.3453	3.8584	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9818	1.3244	1.7873	1.5537	1.9371	1.8052	2.0304	1.0177
	3.6327	3.1065	2.3008	2.5936	2.0808	2.1673	1.9526	3.5054
9	1.3244	1.7542	1.5802	1.9359	1.7929	1.8343	2.0543	1.0310
	3.1065	2.3505	2.5705	2.1025	2.2246	2.1460	1.9278	3.5403
10	1.7873	1.5804	1.4886	1.5829	1.8508	1.7541	1.9907	0.9746
	2.3008	2.5703	2.7252	2.5394	2.1755	2.2362	1.9867	3.6552
11	1.5537	1.9360	1.5833	1.6418	1.4780	1.8321	1.7698	0.8414
	2.5936	2.1024	2.5390	2.4601	2.6225	2.1603	2.2247	4.1901
12	1.9371	1.7929	1.8510	1.4781	1.0645	1.4276	1.0337	
	2.0809	2.2244	2.1752	2.6223	2.9227	2.3968	3.3002	
13	1.8052	1.8353	1.7545	1.8324	1.4279	0.7502	0.4746	
	2.1673	2.1449	2.2357	2.1600	2.3965	3.6184	6.5031	
14	2.0304	2.0547	1.9910	1.7701	1.0340	0.4746		
	1.9526	1.9274	1.9863	2.2244	3.2994	6.5005		
15	1.0177	1.0314	0.9748	0.8414	F-SUB-Q			
	3.5054	3.5394	3.6543	4.1895	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9829	1.3121	1.8033	1.5529	1.9541	1.8095	2.0527	1.0065
	4.0403	3.4373	2.4903	2.8289	2.2446	2.3540	2.1043	3.8479
9	1.3121	1.7722	1.5832	1.9559	1.7977	1.8414	2.0785	1.0227
	3.4373	2.5482	2.7976	2.2677	2.4166	2.3258	2.0750	3.8731
10	1.8033	1.5834	1.4900	1.5853	1.8736	1.7622	2.0157	0.9618
	2.4903	2.7974	2.9661	2.7648	2.3453	2.4223	2.1346	4.0133
11	1.5529	1.9560	1.5856	1.6627	1.4864	1.8581	1.7932	0.8284
	2.8289	2.2676	2.7643	2.6726	2.8984	2.3304	2.4001	4.6330
12	1.9541	1.7977	1.8739	1.4865	1.0698	1.4523	1.0242	
	2.2446	2.4164	2.3450	2.8982	3.2202	2.6221	3.6985	
13	1.8095	1.8425	1.7626	1.8584	1.4525	0.7494	0.4690	
	2.3540	2.3247	2.4217	2.3300	2.6219	4.0630	7.3140	
14	2.0527	2.0790	2.0160	1.7934	1.0245	0.4689		
	2.1043	2.0746	2.1342	2.3997	3.6977	7.3113		
15	1.0065	1.0231	0.9620	0.8285	F-SUB-Q			
	3.8479	3.8721	4.0123	4.6325	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9790	1.3042	1.7928	1.5391	1.9403	1.7939	2.0416	0.9980
	4.0987	3.5636	2.6663	3.0596	2.4608	2.6006	2.3173	4.2396
9	1.3042	1.7629	1.5700	1.9446	1.7827	1.8272	2.0684	1.0157
	3.5636	2.7144	3.0083	2.4642	2.6406	2.5673	2.2834	4.2598
10	1.7928	1.5702	1.4767	1.5728	1.8654	1.7513	2.0083	0.9556
	2.6663	3.0080	3.2131	3.0219	2.5871	2.6714	2.3472	4.4115
11	1.5391	1.9447	1.5731	1.6568	1.4800	1.8561	1.7899	0.8234
	3.0596	2.4641	3.0213	2.7970	3.0287	2.5088	2.6402	5.0957
12	1.9403	1.7827	1.8657	1.4801	1.0685	1.4543	1.0223	
	2.4608	2.6404	2.5868	3.0285	3.4086	2.7826	3.9313	
13	1.7939	1.8283	1.7517	1.8564	1.4545	0.7509	0.4682	
	2.6006	2.5660	2.6709	2.5085	2.7823	4.3378	7.8731	
14	2.0416	2.0688	2.0086	1.7901	1.0226	0.4682		
	2.3173	2.2829	2.3468	2.6399	3.9304	7.8701		
15	0.9980	1.0161	0.9558	0.8235	F-SUB-Q			
	4.2396	4.2587	4.4106	5.0952	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 12 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9755	1.2995	1.7612	1.5151	1.9020	1.7644	2.0048	0.9919
	4.1394	3.5290	2.6080	2.9865	2.4104	2.5633	2.3029	4.1819
9	1.2995	1.7332	1.5445	1.9090	1.7528	1.7975	2.0321	1.0097
	3.5290	2.6710	2.9390	2.4126	2.5812	2.5383	2.2786	4.2171
10	1.7612	1.5447	1.4524	1.5493	1.8344	1.7270	1.9768	0.9532
	2.6080	2.9387	3.1411	2.9514	2.5457	2.6667	2.3646	4.3877
11	1.5151	1.9091	1.5496	1.6327	1.4638	1.8330	1.7673	0.8255
	2.9865	2.4124	2.9509	2.8550	3.0856	2.5589	2.6835	5.1091
12	1.9020	1.7528	1.8347	1.4639	1.0672	1.4412	1.0281	
	2.4104	2.5811	2.5454	3.0854	3.4753	2.8402	3.9479	
13	1.7644	1.7985	1.7274	1.8332	1.4414	0.7578	0.4720	
	2.5633	2.5371	2.6662	2.5586	2.8399	4.3672	7.9207	
14	2.0048	2.0325	1.9772	1.7675	1.0284	0.4720		
	2.3029	2.2781	2.3642	2.6832	3.9469	7.9170		
15	0.9919	1.0101	0.9533	0.8256	F-SUB-Q			
	4.1819	4.2160	4.3868	5.1085	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 11 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9724	1.2865	1.7730	1.5096	1.9104	1.7615	2.0185	0.9771
	3.9636	3.4509	2.5088	2.9004	2.3231	2.4838	2.2129	4.0960
9	1.2865	1.7484	1.5444	1.9218	1.7519	1.7982	2.0481	0.9978
	3.4509	2.5652	2.8455	2.3217	2.5012	2.4564	2.1883	4.1225
10	1.7730	1.5446	1.4510	1.5484	1.8520	1.7319	1.9976	0.9383
	2.5088	2.8452	3.0453	2.8634	2.4490	2.5805	2.2704	4.3132
11	1.5096	1.9219	1.5487	1.6500	1.4726	1.8613	1.7924	0.8130
	2.9004	2.3216	2.8629	2.7170	2.9576	2.4429	2.5669	5.0342
12	1.9104	1.7519	1.8523	1.4726	1.0698	1.4700	1.0227	
	2.3231	2.5011	2.4487	2.9575	3.3336	2.7046	3.8249	
13	1.7615	1.7992	1.7323	1.8616	1.4702	0.7588	0.4695	
	2.4838	2.4552	2.5799	2.4427	2.7044	4.2220	7.6270	
14	2.0185	2.0485	1.9979	1.7926	1.0230	0.4695		
	2.2129	2.1879	2.2700	2.5666	3.8240	7.6238		
15	0.9771	0.9982	0.9385	0.8131	F-SUB-Q			
	4.0960	4.1214	4.3122	5.0337	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9806	1.2833	1.7710	1.4986	1.9004	1.7485	2.0115	0.9661
	3.6748	3.1893	2.3227	2.7068	2.1727	2.3311	2.0703	3.8339
9	1.2833	1.7519	1.5376	1.9161	1.7410	1.7875	2.0430	0.9887
	3.1893	2.3642	2.6399	2.1598	2.3370	2.3020	2.0452	3.8501
10	1.7710	1.5378	1.4436	1.5419	1.8540	1.7283	1.9999	0.9285
	2.3227	2.6396	2.8243	2.6625	2.2726	2.4071	2.1130	4.0297
11	1.4986	1.9162	1.5422	1.6597	1.4818	1.8786	1.8064	0.8090
	2.7068	2.1597	2.6620	2.5100	2.7347	2.2492	2.3630	4.6685
12	1.9004	1.7410	1.8543	1.4818	1.0874	1.5014	1.0315	
	2.1727	2.3369	2.2723	2.7346	3.0788	2.4876	3.5426	
13	1.7485	1.7886	1.7287	1.8789	1.5016	0.7784	0.4762	
	2.3311	2.3009	2.4066	2.2490	2.4874	3.9173	7.0998	
14	2.0115	2.0434	2.0002	1.8067	1.0318	0.4762		
	2.0703	2.0449	2.1126	2.3628	3.5418	7.0967		
15	0.9661	0.9891	0.9286	0.8091	F-SUB-Q			
	3.8339	3.8491	4.0289	4.6682	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0296	1.2929	1.7634	1.4843	1.8811	1.7304	1.9932	0.9572
	3.4031	2.9069	2.1265	2.4870	1.9953	2.1422	1.8996	3.5232
9	1.2929	1.7541	1.5285	1.9012	1.7252	1.7713	2.0262	0.9809
	2.9069	2.1620	2.4220	1.9816	2.1469	2.1141	1.8759	3.5342
10	1.7634	1.5288	1.4352	1.5331	1.8495	1.7254	1.9923	0.9258
	2.1265	2.4218	2.5934	2.4449	2.0832	2.2063	1.9343	3.6860
11	1.4843	1.9013	1.5334	1.6702	1.4978	1.8931	1.8162	0.8093
	2.4870	1.9815	2.4445	2.3393	2.5506	2.0934	2.1705	4.2705
12	1.8811	1.7252	1.8497	1.4978	1.1555	1.5494	1.0522	
	1.9953	2.1469	2.0830	2.5505	2.8797	2.3220	3.2968	
13	1.7304	1.7724	1.7257	1.8934	1.5496	0.8347	0.4923	
	2.1422	2.1131	2.2059	2.0931	2.3217	3.6588	6.6439	
14	1.9932	2.0266	1.9927	1.8164	1.0526	0.4923		
	1.8996	1.8755	1.9340	2.1703	3.2961	6.6409		
15	0.9572	0.9814	0.9259	0.8094	F-SUB-Q			
	3.5232	3.5332	3.6853	4.2702	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1022	1.3063	1.7415	1.4634	1.8456	1.7027	1.9565	0.9502
	3.4001	2.8883	2.1434	2.5059	2.0168	2.1607	1.9198	3.5270
9	1.3063	1.7429	1.5114	1.8685	1.6992	1.7442	1.9900	0.9740
	2.8883	2.1772	2.4393	2.0032	2.1660	2.1321	1.8956	3.5375
10	1.7415	1.5116	1.4191	1.5170	1.8279	1.7163	1.9664	0.9238
	2.1434	2.4390	2.6141	2.4626	2.1039	2.2191	1.9499	3.6760
11	1.4634	1.8686	1.5173	1.6705	1.5115	1.8932	1.8122	0.8150
	2.5059	2.0031	2.4622	2.3564	2.5787	2.1018	2.1786	4.2338
12	1.8456	1.6992	1.8281	1.5116	1.2614	1.6262	1.0821	
	2.0168	2.1659	2.1037	2.5786	2.9089	2.3487	3.2855	
13	1.7027	1.7452	1.7166	1.8935	1.6264	0.9163	0.5142	
	2.1607	2.1311	2.2187	2.1015	2.3484	3.6529	6.6414	
14	1.9565	1.9904	1.9667	1.8124	1.0824	0.5143		
	1.9198	1.8953	1.9496	2.1783	3.2847	6.6377		
15	0.9502	0.9744	0.9239	0.8151	F-SUB-Q			
	3.5270	3.5366	3.6753	4.2335	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1338	1.3097	1.7532	1.4536	1.8492	1.6946	1.9627	0.9300
	3.1542	2.7135	1.9790	2.3423	1.8681	2.0145	1.7754	3.3462
9	1.3097	1.7644	1.5107	1.8761	1.6939	1.7401	1.9983	0.9565
	2.7135	2.0052	2.2690	1.8537	2.0175	1.9837	1.7517	3.3470
10	1.7532	1.5110	1.4174	1.5142	1.8442	1.7285	1.9832	0.9027
	1.9790	2.2688	2.4348	2.2953	1.9421	2.0598	1.7966	3.4977
11	1.4536	1.8762	1.5145	1.6965	1.5360	1.9302	1.8432	0.7999
	2.3423	1.8536	2.2949	2.1671	2.3711	1.9240	1.9981	4.0188
12	1.8492	1.6939	1.8444	1.5360	1.3524	1.7078	1.0845	
	1.8681	2.0175	1.9419	2.3710	2.7027	2.1634	3.0833	
13	1.6946	1.7411	1.7288	1.9305	1.7080	0.9543	0.5195	
	2.0145	1.9827	2.0595	1.9238	2.1632	3.4656	6.3168	
14	1.9627	1.9987	1.9835	1.8434	1.0848	0.5195		
	1.7754	1.7514	1.7963	1.9979	3.0826	6.3138		
15	0.9300	0.9569	0.9028	0.7999	F-SUB-Q			
	3.3462	3.3461	3.4970	4.0186	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 6 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1295	1.2955	1.7247	1.4239	1.8120	1.6623	1.9260	0.9095
	2.9816	2.5597	1.8842	2.2418	1.7867	1.9252	1.6955	3.2129
9	1.2955	1.7423	1.4852	1.8394	1.6626	1.7088	1.9615	0.9364
	2.5597	1.9005	2.1629	1.7723	1.9281	1.8936	1.6725	3.2097
10	1.7247	1.4854	1.3940	1.4877	1.8138	1.7076	1.9533	0.8847
	1.8842	2.1627	2.3212	2.1902	1.8505	1.9598	1.7093	3.3508
11	1.4239	1.8395	1.4880	1.6771	1.5239	1.9139	1.8270	0.7873
	2.2417	1.7723	2.1899	2.0505	2.2530	1.8126	1.8876	3.8325
12	1.8120	1.6626	1.8141	1.5239	1.3615	1.7161	1.0800	
	1.7867	1.9280	1.8503	2.2529	2.5268	2.0278	2.9198	
13	1.6623	1.7098	1.7079	1.9142	1.7163	0.9635	0.5205	
	1.9252	1.8926	1.9595	1.8123	2.0275	3.2439	5.9543	
14	1.9260	1.9619	1.9536	1.8272	1.0803	0.5206		
	1.6955	1.6721	1.7090	1.8874	2.9191	5.9516		
15	0.9095	0.9369	0.8848	0.7874	F-SUB-Q			
	3.2129	3.2087	3.3501	3.8322	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 5 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1061	1.2542	1.6438	1.3670	1.7221	1.5971	1.8326	0.8846
	2.8664	2.4671	1.8657	2.2101	1.7804	1.8973	1.6867	3.1348
9	1.2542	1.6642	1.4271	1.7453	1.5955	1.6406	1.8654	0.9094
	2.4671	1.8706	2.1262	1.7661	1.9022	1.8672	1.6642	3.1350
10	1.6438	1.4273	1.3421	1.4300	1.7245	1.6434	1.8621	0.8658
	1.8657	2.1260	2.2786	2.1526	1.8361	1.9242	1.6940	3.2456
11	1.3670	1.7454	1.4304	1.6022	1.4695	1.8292	1.7492	0.7740
	2.2101	1.7660	2.1522	2.0101	2.1876	1.7776	1.8531	3.6875
12	1.7221	1.5956	1.7248	1.4695	1.3234	1.6547	1.0656	
	1.7804	1.9021	1.8359	2.1875	2.4790	2.0045	2.7936	
13	1.5971	1.6416	1.6437	1.8295	1.6549	0.9579	0.5183	
	1.8973	1.8663	1.9240	1.7774	2.0042	3.1143	5.7161	
14	1.8326	1.8658	1.8624	1.7494	1.0660	0.5184		
	1.6867	1.6639	1.6937	1.8528	2.7929	5.7134		
15	0.8846	0.9098	0.8658	0.7740	F-SUB-Q			
	3.1348	3.1341	3.2450	3.6872	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0516	1.1976	1.5680	1.3020	1.6422	1.5286	1.7477	0.8330
	2.8168	2.4434	1.8620	2.2163	1.7848	1.8950	1.6906	3.1889
9	1.1976	1.5909	1.3656	1.6594	1.5267	1.5718	1.7781	0.8579
	2.4434	1.8537	2.1162	1.7726	1.8989	1.8620	1.6679	3.1823
10	1.5680	1.3658	1.2880	1.3664	1.6411	1.5743	1.7775	0.8129
	1.8620	2.1160	2.2624	2.1460	1.8346	1.9057	1.6916	3.3065
11	1.3020	1.6595	1.3667	1.5277	1.4073	1.7443	1.6719	0.7261
	2.2163	1.7725	2.1456	1.9992	2.1579	1.7681	1.8370	3.7488
12	1.6422	1.5268	1.6413	1.4073	1.2738	1.5881	1.0045	
	1.7848	1.8988	1.8344	2.1578	2.4286	1.9641	2.7979	
13	1.5286	1.5728	1.5746	1.7446	1.5883	0.9090	0.4895	
	1.8950	1.8611	1.9054	1.7678	1.9639	3.1130	5.7245	
14	1.7477	1.7785	1.7778	1.6721	1.0048	0.4895		
	1.6906	1.6676	1.6913	1.8367	2.7972	5.7222		
15	0.8330	0.8583	0.8130	0.7262	F-SUB-Q			
	3.1888	3.1813	3.3058	3.7485	M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9586	1.0872	1.3963	1.1810	1.4646	1.3839	1.5544	0.7566
	2.9581	2.5692	2.0116	2.3573	1.9311	2.0204	1.8353	3.3955
9	1.0872	1.4195	1.2389	1.4775	1.3856	1.4244	1.5828	0.7788
	2.5692	1.9913	2.2447	1.9186	2.0188	1.9830	1.8082	3.3912
10	1.3963	1.2391	1.1708	1.2429	1.4633	1.4239	1.5807	0.7364
	2.0116	2.2445	2.3966	2.2705	1.9763	2.0228	1.8319	3.5269
11	1.1810	1.4776	1.2432	1.3657	1.2768	1.5497	1.4890	0.6578
	2.3573	1.9185	2.2701	2.1350	2.2777	1.9021	1.9760	3.9890
12	1.4646	1.3856	1.4634	1.2768	1.1562	1.4189	0.9113	
	1.9311	2.0188	1.9760	2.2776	2.5519	2.1004	2.9606	
13	1.3839	1.4252	1.4242	1.5499	1.4190	0.8266	0.4455	
	2.0204	1.9820	2.0225	1.9018	2.1001	3.2641	6.0223	
14	1.5544	1.5832	1.5810	1.4891	0.9116	0.4454		
	1.8353	1.8079	1.8316	1.9757	2.9599	6.0203		
15	0.7566	0.7791	0.7365	0.6578	F-SUB-Q			
	3.3955	3.3902	3.5263	3.9887	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 225 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7669	* 0.8705	* 1.1210	* 0.9475	* 1.1834	* 1.0984	* 1.2434	* 0.6120
	* 3.5551	* 3.1087	* 2.4353	* 2.8604	* 2.3210	* 2.4795	* 2.2330	* 4.0980
9	* 0.8705	* 1.1571	* 0.9757	* 1.2277	* 1.1104	* 1.1335	* 1.2793	* 0.6328
	* 3.1087	* 2.3677	* 2.7709	* 2.2441	* 2.4490	* 2.4253	* 2.1781	* 4.0714
10	* 1.1210	* 0.9758	* 0.9194	* 1.0030	* 1.2187	* 1.1292	* 1.2673	* 0.5940
	* 2.4353	* 2.7706	* 2.9728	* 2.7342	* 2.2997	* 2.4748	* 2.2210	* 4.2616
11	* 0.9475	* 1.2278	* 1.0031	* 1.1424	* 1.0048	* 1.2564	* 1.1627	* 0.5236
	* 2.8604	* 2.2440	* 2.7338	* 2.4686	* 2.7936	* 2.2671	* 2.4514	* 4.8785
12	* 1.1834	* 1.1105	* 1.2189	* 1.0048	* 0.9044	* 1.1132	* 0.7292	
	* 2.3210	* 2.4489	* 2.2995	* 2.7935	* 3.1553	* 2.5969	* 3.5855	
13	* 1.0984	* 1.1340	* 1.1294	* 1.2565	* 1.1133	* 0.6541	* 0.3561	
	* 2.4795	* 2.4243	* 2.4744	* 2.2669	* 2.5966	* 4.0031	* 7.3235	
14	* 1.2434	* 1.2795	* 1.2675	* 1.1629	* 0.7294	* 0.3560		
	* 2.2330	* 2.1777	* 2.2207	* 2.4511	* 3.5847	* 7.3218		
15	* 0.6120	* 0.6331	* 0.5940	* 0.5236	* F-SUB-Q			
	* 4.0980	* 4.0705	* 4.2609	* 4.8781	* M-SUB-Q			

AT 50% POWER, 225 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3449	* 0.3862	* 0.4737	* 0.4231	* 0.5030	* 0.4370	* 0.4761	* 0.2541
	* 7.6961	* 6.8347	* 5.6258	* 6.2604	* 5.3329	* 6.0798	* 5.6914	* 9.6527
9	* 0.3862	* 0.4542	* 0.4042	* 0.4961	* 0.4485	* 0.4469	* 0.4763	* 0.2610
	* 6.8347	* 5.8719	* 6.5284	* 5.4087	* 5.9123	* 5.9983	* 5.7032	* 9.6461
10	* 0.4737	* 0.4042	* 0.3824	* 0.4258	* 0.4979	* 0.4435	* 0.4695	* 0.2472
	* 5.6258	* 6.5280	* 6.9854	* 6.2840	* 5.4617	* 6.1366	* 5.8396	* 10.0075
11	* 0.4231	* 0.4961	* 0.4259	* 0.4719	* 0.4160	* 0.4878	* 0.4383	* 0.2157
	* 6.2604	* 5.4085	* 6.2834	* 5.8040	* 6.5562	* 5.6761	* 6.3325	* 11.5670
12	* 0.5030	* 0.4485	* 0.4979	* 0.4160	* 0.3726	* 0.4241	* 0.2974	
	* 5.3329	* 5.9120	* 5.4612	* 6.5558	* 7.4254	* 6.6165	* 8.5544	
13	* 0.4370	* 0.4470	* 0.4436	* 0.4878	* 0.4241	* 0.2704	* 0.1517	
	* 6.0798	* 5.9967	* 6.1357	* 5.6755	* 6.6157	* 9.4528	* 16.7989	
14	* 0.4761	* 0.4763	* 0.4696	* 0.4384	* 0.2974	* 0.1517		
	* 5.6914	* 5.7024	* 5.8388	* 6.3316	* 8.5526	* 16.7846		
15	* 0.2541	* 0.2610	* 0.2472	* 0.2157	* F-SUB-Q			
	* 9.6527	* 9.6447	* 10.0057	* 11.5658	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 24 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.2896	0.3805	0.4935	0.4712	0.5505	0.4590	0.3875	0.2002
	5.9420	5.8255	4.6491	4.8483	4.2537	4.6907	4.5974	7.4068
9	0.3805	0.4335	0.4191	0.5339	0.4946	0.4742	0.4675	0.2554
	5.8255	5.0554	5.1858	4.3684	4.5917	4.6744	4.6300	7.4767
10	0.4935	0.4192	0.3451	0.4520	0.5357	0.4770	0.4859	0.2599
	4.6491	5.1856	5.4491	4.9250	4.4504	4.8420	4.7866	7.7314
11	0.4712	0.5339	0.4520	0.4671	0.4279	0.4960	0.4612	0.2376
	4.8483	4.3682	4.9244	4.8410	5.3071	4.7474	5.1257	8.8504
12	0.5505	0.4946	0.5357	0.4279	0.3157	0.3868	0.2993	
	4.2537	4.5914	4.4499	5.3065	5.6248	5.3171	6.9424	
13	0.4590	0.4744	0.4771	0.4961	0.3869	0.2240	0.1521	
	4.6907	4.6732	4.8411	4.7468	5.3163	7.0934	12.1958	
14	0.3875	0.4676	0.4860	0.4612	0.2994	0.1522		
	4.5974	4.6292	4.7857	5.1248	6.9406	12.1743		
15	0.2002	0.2555	0.2599	0.2376	F-SUB-Q			
	7.4068	7.4756	7.7287	8.8486	M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 23 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6023	0.8066	1.0610	0.9930	1.1806	1.0535	0.8847	0.4612
	3.0775	2.8474	2.2454	2.3932	2.0590	2.1118	2.0239	3.3389
9	0.8066	1.0032	0.9409	1.2016	1.1361	1.0898	1.1334	0.5874
	2.8474	2.2581	2.3915	2.0169	2.0797	2.0840	1.9806	3.3787
10	1.0610	0.9409	0.7522	0.9921	1.1901	1.0996	1.1825	0.6008
	2.2454	2.3914	2.5271	2.3215	2.0817	2.1640	2.0372	3.4870
11	0.9930	1.2017	0.9923	1.0287	0.9632	1.1602	1.0925	0.5532
	2.3932	2.0168	2.3212	2.2547	2.4246	2.1203	2.2493	3.9857
12	1.1806	1.1361	1.1902	0.9633	0.6899	0.9135	0.6961	
	2.0590	2.0796	2.0815	2.4244	2.5955	2.3150	3.0715	
13	1.0535	1.0902	1.0998	1.1604	0.9137	0.5108	0.3460	
	2.1118	2.0831	2.1636	2.1201	2.3147	3.1939	5.5115	
14	0.8847	1.1336	1.1827	1.0927	0.6963	0.3460		
	2.0239	1.9803	2.0369	2.2490	3.0708	5.5043		
15	0.4612	0.5876	0.6009	0.5532	F-SUB-Q			
	3.3389	3.3780	3.4857	3.9850	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7462	* 0.9951	* 1.3132	* 1.2250	* 1.4543	* 1.2988	* 1.1228	* 0.5902
	* 2.6474	* 2.3942	* 1.8838	* 2.0128	* 1.7307	* 1.7510	* 1.6904	* 2.7684
9	* 0.9951	* 1.2277	* 1.1794	* 1.4460	* 1.3999	* 1.3333	* 1.3938	* 0.7324
	* 2.3942	* 1.9121	* 1.9816	* 1.7393	* 1.7511	* 1.7420	* 1.6666	* 2.8118
10	* 1.3132	* 1.1795	* 0.9538	* 1.2210	* 1.4191	* 1.3608	* 1.4527	* 0.7470
	* 1.8838	* 1.9815	* 2.0741	* 1.9589	* 1.8076	* 1.8075	* 1.7160	* 2.8832
11	* 1.2250	* 1.4460	* 1.2212	* 1.2464	* 1.2008	* 1.4145	* 1.3634	* 0.6974
	* 2.0128	* 1.7393	* 1.9586	* 1.9581	* 2.0038	* 1.7963	* 1.8604	* 3.2705
12	* 1.4543	* 1.3999	* 1.4193	* 1.2009	* 0.8589	* 1.1288	* 0.8700	
	* 1.7307	* 1.7510	* 1.8074	* 2.0036	* 2.1614	* 1.9257	* 2.5285	
13	* 1.2988	* 1.3337	* 1.3611	* 1.4147	* 1.1290	* 0.6411	* 0.4313	
	* 1.7510	* 1.7412	* 1.8071	* 1.7960	* 1.9255	* 2.6274	* 4.5464	
14	* 1.1228	* 1.3942	* 1.4530	* 1.3636	* 0.8702	* 0.4313		
	* 1.6904	* 1.6663	* 1.7157	* 1.8601	* 2.5281	* 4.5408		
15	* 0.5902	* 0.7327	* 0.7471	* 0.6975	* F-SUB-Q			
	* 2.7684	* 2.8112	* 2.8822	* 3.2699	* M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8269	* 1.1138	* 1.5134	* 1.3722	* 1.6728	* 1.4620	* 1.3232	* 0.6764
	* 2.5232	* 2.2684	* 1.7225	* 1.8872	* 1.5811	* 1.6297	* 1.5296	* 2.6213
9	* 1.1138	* 1.4196	* 1.3322	* 1.6745	* 1.5744	* 1.4925	* 1.6252	* 0.8147
	* 2.2684	* 1.7488	* 1.8562	* 1.5783	* 1.6335	* 1.6212	* 1.5065	* 2.6543
10	* 1.5134	* 1.3323	* 1.0782	* 1.3678	* 1.6344	* 1.5310	* 1.6831	* 0.8292
	* 1.7225	* 1.8561	* 1.9481	* 1.8360	* 1.6422	* 1.6813	* 1.5524	* 2.7411
11	* 1.3722	* 1.6746	* 1.3680	* 1.4315	* 1.3427	* 1.6261	* 1.5625	* 0.7639
	* 1.8872	* 1.5783	* 1.8357	* 1.7835	* 1.8685	* 1.6170	* 1.6799	* 3.1004
12	* 1.6728	* 1.5744	* 1.6346	* 1.3428	* 0.9516	* 1.2848	* 0.9505	
	* 1.5811	* 1.6334	* 1.6420	* 1.8683	* 2.0284	* 1.7585	* 2.4025	
13	* 1.4620	* 1.4931	* 1.5314	* 1.6263	* 1.2850	* 0.6943	* 0.4638	
	* 1.6297	* 1.6204	* 1.6809	* 1.6168	* 1.7584	* 2.5182	* 4.3826	
14	* 1.3232	* 1.6255	* 1.6834	* 1.5627	* 0.9507	* 0.4637		
	* 1.5296	* 1.5062	* 1.5521	* 1.6797	* 2.4020	* 4.3778		
15	* 0.6764	* 0.8150	* 0.8293	* 0.7639	* F-SUB-Q			
	* 2.6213	* 2.6537	* 2.7401	* 3.0999	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8745	* 1.1854	* 1.6218	* 1.4516	* 1.7891	* 1.5601	* 1.5181	* 0.7904
	* 2.5798	* 2.2824	* 1.7208	* 1.8968	* 1.5752	* 1.6403	* 1.5169	* 2.6312
9	* 1.1854	* 1.5298	* 1.4246	* 1.8008	* 1.6661	* 1.5885	* 1.7762	* 0.8861
	* 2.2824	* 1.7529	* 1.8745	* 1.5636	* 1.6401	* 1.6298	* 1.4921	* 2.6595
10	* 1.6218	* 1.4248	* 1.2047	* 1.4577	* 1.7521	* 1.6158	* 1.8103	* 0.8870
	* 1.7208	* 1.8744	* 1.9756	* 1.8457	* 1.6191	* 1.6768	* 1.5339	* 2.7416
11	* 1.4516	* 1.8008	* 1.4580	* 1.5381	* 1.4144	* 1.7317	* 1.6587	* 0.8045
	* 1.8968	* 1.5635	* 1.8454	* 1.7641	* 1.8764	* 1.5841	* 1.6510	* 3.0838
12	* 1.7891	* 1.6661	* 1.7523	* 1.4145	* 1.0032	* 1.3560	* 0.9953	
	* 1.5752	* 1.6400	* 1.6189	* 1.8762	* 2.0502	* 1.7524	* 2.4088	
13	* 1.5601	* 1.5891	* 1.6161	* 1.7320	* 1.3562	* 0.7202	* 0.4790	
	* 1.6403	* 1.6290	* 1.6765	* 1.5839	* 1.7523	* 2.5475	* 4.4496	
14	* 1.5181	* 1.7766	* 1.8106	* 1.6590	* 0.9956	* 0.4789		
	* 1.5169	* 1.4919	* 1.5336	* 1.6508	* 2.4084	* 4.4447		
15	* 0.7904	* 0.8864	* 0.8871	* 0.8046	* F-SUB-Q			
	* 2.6312	* 2.6589	* 2.7406	* 3.0833	* M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9060	* 1.2382	* 1.6867	* 1.4977	* 1.8529	* 1.6308	* 1.7784	* 0.9147
	* 2.7068	* 2.3665	* 1.7816	* 1.9585	* 1.6222	* 1.7016	* 1.5628	* 2.7151
9	* 1.2382	* 1.6231	* 1.4887	* 1.8742	* 1.7188	* 1.6748	* 1.8845	* 0.9532
	* 2.3665	* 1.8198	* 1.9533	* 1.6059	* 1.6926	* 1.6877	* 1.5351	* 2.7375
10	* 1.6867	* 1.4888	* 1.3630	* 1.5220	* 1.8159	* 1.6670	* 1.8864	* 0.9363
	* 1.7816	* 1.9531	* 2.0593	* 1.9089	* 1.6495	* 1.7212	* 1.5679	* 2.8169
11	* 1.4977	* 1.8743	* 1.5223	* 1.6123	* 1.4516	* 1.7820	* 1.7042	* 0.8315
	* 1.9585	* 1.6058	* 1.9086	* 1.8158	* 1.9477	* 1.6198	* 1.6907	* 3.1486
12	* 1.8529	* 1.7188	* 1.8161	* 1.4516	* 1.0338	* 1.3856	* 1.0206	
	* 1.6222	* 1.6925	* 1.6493	* 1.9476	* 2.1419	* 1.8208	* 2.4884	
13	* 1.6308	* 1.6757	* 1.6674	* 1.7823	* 1.3858	* 0.7327	* 0.4860	
	* 1.7016	* 1.6869	* 1.7209	* 1.6196	* 1.8207	* 2.6587	* 4.6524	
14	* 1.7784	* 1.8849	* 1.8867	* 1.7043	* 1.0208	* 0.4860		
	* 1.5628	* 1.5349	* 1.5677	* 1.6905	* 2.4880	* 4.6472		
15	* 0.9147	* 0.9535	* 0.9364	* 0.8316	* F-SUB-Q			
	* 2.7151	* 2.7369	* 2.8160	* 3.1481	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9225	1.2667	1.7410	1.5303	1.9071	1.7174	1.9358	0.9808
	2.8611	2.4728	1.8392	2.0365	1.6732	1.7631	1.6099	2.8424
9	1.2667	1.6961	1.5356	1.9374	1.7601	1.7514	1.9829	1.0045
	2.4728	1.8817	2.0252	1.6508	1.7545	1.7427	1.5758	2.8480
10	1.7410	1.5357	1.4478	1.5683	1.8718	1.7093	1.9529	0.9632
	1.8392	2.0251	2.1391	1.9753	1.6971	1.7828	1.6059	2.9177
11	1.5303	1.9375	1.5686	1.6822	1.4784	1.8262	1.7435	0.8391
	2.0365	1.6507	1.9750	1.8837	2.0403	1.6748	1.7506	3.3052
12	1.9071	1.7601	1.8720	1.4784	1.0486	1.4107	1.0245	
	1.6732	1.7544	1.6969	2.0402	2.2627	1.9090	2.6328	
13	1.7174	1.7523	1.7097	1.8264	1.4109	0.7316	0.4840	
	1.7631	1.7419	1.7825	1.6746	1.9088	2.8354	4.9739	
14	1.9358	1.9832	1.9532	1.7437	1.0247	0.4840		
	1.6100	1.5756	1.6057	1.7504	2.6323	4.9679		
15	0.9808	1.0049	0.9633	0.8392	F-SUB-Q			
	2.8424	2.8474	2.9168	3.3048	M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9294	1.2793	1.7630	1.5417	1.9283	1.7510	1.9929	1.0082
	3.0868	2.6465	1.9595	2.1620	1.7700	1.8648	1.6899	2.9909
9	1.2793	1.7242	1.5523	1.9636	1.7746	1.7816	2.0329	1.0290
	2.6465	2.0026	2.1629	1.7461	1.8597	1.8446	1.6566	3.0010
10	1.7630	1.5525	1.4701	1.5848	1.8941	1.7243	1.9810	0.9764
	1.9595	2.1628	2.2813	2.1055	1.7788	1.8767	1.6909	3.0936
11	1.5417	1.9637	1.5851	1.7098	1.4861	1.8417	1.7565	0.8424
	2.1620	1.7460	2.1051	1.9996	2.1710	1.7730	1.8540	3.4888
12	1.9283	1.7746	1.8942	1.4861	1.0529	1.4167	1.0246	
	1.7700	1.8597	1.7786	2.1708	2.4211	2.0345	2.8212	
13	1.7510	1.7825	1.7246	1.8419	1.4168	0.7287	0.4812	
	1.8648	1.8437	1.8764	1.7728	2.0344	3.0526	5.3551	
14	1.9929	2.0332	1.9813	1.7567	1.0248	0.4811		
	1.6899	1.6563	1.6907	1.8538	2.8207	5.3485		
15	1.0082	1.0294	0.9765	0.8424	F-SUB-Q			
	2.9909	3.0003	3.0926	3.4883	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9303	1.2779	1.7746	1.5428	1.9390	1.7615	2.0186	1.0144
	3.3928	2.8518	2.0846	2.3135	1.8829	2.0034	1.8150	3.2359
9	1.2779	1.7388	1.5566	1.9783	1.7783	1.7918	2.0570	1.0350
	2.8518	2.1425	2.3128	1.8527	1.9848	1.9715	1.7684	3.2343
10	1.7746	1.5568	1.4750	1.5885	1.9072	1.7283	1.9964	0.9749
	2.0846	2.3126	2.4464	2.2394	1.8939	2.0061	1.7870	3.3060
11	1.5428	1.9784	1.5888	1.7244	1.4871	1.8512	1.7635	0.8383
	2.3135	1.8526	2.2391	2.1163	2.3392	1.9013	1.9886	3.7568
12	1.9390	1.7783	1.9074	1.4872	1.0517	1.4212	1.0184	
	1.8829	1.9847	1.8937	2.3390	2.6419	2.2055	3.0770	
13	1.7615	1.7927	1.7286	1.8514	1.4214	0.7236	0.4767	
	2.0034	1.9706	2.0057	1.9011	2.2054	3.3434	5.8618	
14	2.0186	2.0573	1.9967	1.7636	1.0186	0.4767		
	1.8150	1.7681	1.7867	1.9885	3.0764	5.8546		
15	1.0144	1.0354	0.9750	0.8383	F-SUB-Q			
	3.2359	3.2336	3.3049	3.7564	M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9342	1.2794	1.7442	1.5226	1.9034	1.7370	1.9865	1.0160
	3.7434	3.1069	2.3097	2.5525	2.0845	2.1794	1.9695	3.4528
9	1.2794	1.7107	1.5333	1.9432	1.7508	1.7656	2.0236	1.0356
	3.1069	2.3666	2.5520	2.0502	2.1917	2.1523	1.9268	3.4551
10	1.7442	1.5335	1.4529	1.5660	1.8734	1.7010	1.9616	0.9781
	2.3097	2.5518	2.6878	2.4698	2.1005	2.2122	1.9696	3.5496
11	1.5226	1.9432	1.5663	1.6956	1.4673	1.8188	1.7319	0.8403
	2.5525	2.0501	2.4695	2.3433	2.5950	2.1125	2.2077	4.0742
12	1.9034	1.7508	1.8735	1.4673	1.0536	1.3992	1.0213	
	2.0845	2.1917	2.1003	2.5948	2.9601	2.4746	3.3713	
13	1.7370	1.7665	1.7013	1.8189	1.3994	0.7299	0.4791	
	2.1794	2.1513	2.2118	2.1123	2.4744	3.6834	6.4329	
14	1.9865	2.0240	1.9619	1.7320	1.0215	0.4791		
	1.9695	1.9265	1.9693	2.2075	3.3706	6.4243		
15	1.0160	1.0359	0.9782	0.8403	F-SUB-Q			
	3.4528	3.4544	3.5485	4.0737	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9360	1.2653	1.7538	1.5149	1.9117	1.7337	2.0001	1.0008
	4.1311	3.4897	2.5480	2.8383	2.2921	2.3938	2.1409	3.8235
9	1.2653	1.7233	1.5315	1.9564	1.7481	1.7646	2.0383	1.0235
	3.4897	2.6047	2.8301	2.2532	2.4269	2.3649	2.0968	3.8195
10	1.7538	1.5317	1.4494	1.5628	1.8882	1.7003	1.9754	0.9618
	2.5480	2.8299	2.9801	2.7404	2.3041	2.4401	2.1552	3.9615
11	1.5149	1.9565	1.5630	1.7106	1.4682	1.8345	1.7441	0.8240
	2.8383	2.2532	2.7400	2.5771	2.8756	2.3195	2.4246	4.5634
12	1.9117	1.7481	1.8884	1.4682	1.0565	1.4157	1.0060	
	2.2921	2.4269	2.3039	2.8755	3.2721	2.7163	3.7898	
13	1.7337	1.7655	1.7006	1.8347	1.4159	0.7260	0.4705	
	2.3938	2.3639	2.4397	2.3193	2.7161	4.1511	7.2642	
14	2.0001	2.0386	1.9756	1.7442	1.0062	0.4705		
	2.1409	2.0965	2.1549	2.4245	3.7891	7.2551		
15	1.0008	1.0239	0.9619	0.8240	F-SUB-Q			
	3.8235	3.8187	3.9603	4.5629	M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9356	1.2553	1.7391	1.4972	1.8929	1.7128	1.9815	0.9896
	4.2045	3.6620	2.7489	3.0950	2.5231	2.7005	2.4076	4.2988
9	1.2553	1.7108	1.5151	1.9397	1.7287	1.7445	2.0200	1.0132
	3.6620	2.7984	3.0648	2.4722	2.6759	2.6659	2.3562	4.2870
10	1.7391	1.5153	1.4329	1.5461	1.8737	1.6820	1.9588	0.9518
	2.7489	3.0645	3.2564	3.0214	2.5837	2.7521	2.4209	4.4447
11	1.4972	1.9397	1.5463	1.6993	1.4566	1.8234	1.7320	0.8156
	3.0950	2.4721	3.0210	2.7246	3.0239	2.5324	2.7216	5.1464
12	1.8929	1.7287	1.8738	1.4566	1.0565	1.4122	0.9997	
	2.5231	2.6759	2.5835	3.0238	3.4187	2.8562	3.9898	
13	1.7128	1.7454	1.6823	1.8236	1.4124	0.7275	0.4678	
	2.7005	2.6647	2.7517	2.5322	2.8560	4.3866	7.7311	
14	1.9815	2.0203	1.9590	1.7321	0.9999	0.4678		
	2.4076	2.3558	2.4206	2.7214	3.9891	7.7215		
15	0.9896	1.0135	0.9519	0.8157	F-SUB-Q			
	4.2988	4.2861	4.4434	5.1459	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9321	1.2483	1.7059	1.4738	1.8534	1.6800	1.9402	0.9820
	4.2673	3.6195	2.6979	3.0315	2.4798	2.6501	2.3858	4.2233
9	1.2483	1.6796	1.4880	1.9006	1.6973	1.7112	1.9785	1.0047
	3.6195	2.7588	3.0045	2.4293	2.6243	2.6239	2.3458	4.2302
10	1.7059	1.4882	1.4073	1.5198	1.8374	1.6526	1.9211	0.9467
	2.6979	3.0043	3.1936	2.9617	2.5400	2.7375	2.4349	4.4072
11	1.4738	1.9006	1.5201	1.6682	1.4358	1.7926	1.7024	0.8141
	3.0315	2.4292	2.9613	2.7983	3.1032	2.6034	2.7808	5.1516
12	1.8534	1.6973	1.8375	1.4358	1.0526	1.3930	1.0010	
	2.4798	2.6242	2.5398	3.1031	3.5102	2.9381	4.0368	
13	1.6800	1.7121	1.6528	1.7927	1.3932	0.7314	0.4698	
	2.6501	2.6228	2.7371	2.6033	2.9379	4.4469	7.8282	
14	1.9402	1.9788	1.9213	1.7025	1.0012	0.4698		
	2.3858	2.3455	2.4346	2.7806	4.0361	7.8172		
15	0.9820	1.0050	0.9467	0.8141	F-SUB-Q			
	4.2233	4.2293	4.4060	5.1512	M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9240	1.2336	1.7132	1.4632	1.8579	1.6719	1.9465	0.9644
	4.0881	3.5477	2.6058	2.9569	2.4013	2.5818	2.3055	4.1556
9	1.2336	1.6899	1.4851	1.9101	1.6921	1.7062	1.9869	0.9902
	3.5477	2.6587	2.9194	2.3474	2.5553	2.5529	2.2655	4.1562
10	1.7132	1.4852	1.4030	1.5155	1.8498	1.6504	1.9325	0.9295
	2.6058	2.9192	3.1077	2.8848	2.4526	2.6629	2.3515	4.3523
11	1.4632	1.9102	1.5158	1.6817	1.4367	1.8095	1.7168	0.7993
	2.9569	2.3473	2.8844	2.6840	2.9979	2.5097	2.6840	5.0972
12	1.8579	1.6921	1.8499	1.4366	1.0467	1.4095	0.9890	
	2.4013	2.5553	2.4524	2.9979	3.3877	2.8191	3.9400	
13	1.6719	1.7071	1.6507	1.8096	1.4096	0.7251	0.4631	
	2.5818	2.5517	2.6625	2.5096	2.8189	4.3222	7.5689	
14	1.9465	1.9872	1.9327	1.7168	0.9893	0.4631		
	2.3055	2.2652	2.3513	2.6839	3.9394	7.5592		
15	0.9644	0.9906	0.9295	0.7993	F-SUB-Q			
	4.1556	4.1552	4.3510	5.0969	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9244	* 1.2263	* 1.7100	* 1.4525	* 1.8493	* 1.6577	* 1.9372	* 0.9532
	* 3.7478	* 3.2696	* 2.4130	* 2.7613	* 2.2448	* 2.4302	* 2.1662	* 3.8968
9	* 1.2263	* 1.6903	* 1.4779	* 1.9049	* 1.6814	* 1.6940	* 1.9790	* 0.9805
	* 3.2696	* 2.4492	* 2.7075	* 2.1869	* 2.3899	* 2.3998	* 2.1272	* 3.8899
10	* 1.7100	* 1.4781	* 1.3960	* 1.5082	* 1.8490	* 1.6431	* 1.9298	* 0.9181
	* 2.4130	* 2.7073	* 2.8815	* 2.6853	* 2.2815	* 2.4933	* 2.1994	* 4.0778
11	* 1.4525	* 1.9049	* 1.5085	* 1.6855	* 1.4376	* 1.8164	* 1.7221	* 0.7934
	* 2.7613	* 2.1869	* 2.6850	* 2.4499	* 2.7433	* 2.2885	* 2.4568	* 4.7373
12	* 1.8493	* 1.6813	* 1.8491	* 1.4375	* 1.0505	* 1.4234	* 0.9902	
	* 2.2448	* 2.3899	* 2.2814	* 2.7433	* 3.0989	* 2.5700	* 3.6140	
13	* 1.6577	* 1.6948	* 1.6433	* 1.8165	* 1.4236	* 0.7310	* 0.4647	
	* 2.4302	* 2.3988	* 2.4930	* 2.2885	* 2.5699	* 3.9732	* 6.9791	
14	* 1.9372	* 1.9793	* 1.9300	* 1.7222	* 0.9904	* 0.4647		
	* 2.1662	* 2.1270	* 2.1992	* 2.4567	* 3.6134	* 6.9702		
15	* 0.9532	* 0.9809	* 0.9182	* 0.7934	* F-SUB-Q			
	* 3.8968	* 3.8890	* 4.0768	* 4.7371	* M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9398	* 1.2349	* 1.7058	* 1.4427	* 1.8371	* 1.6430	* 1.9222	* 0.9459
	* 3.4279	* 2.9449	* 2.1798	* 2.5033	* 2.0336	* 2.2074	* 1.9646	* 3.5378
9	* 1.2349	* 1.6926	* 1.4720	* 1.8952	* 1.6706	* 1.6808	* 1.9652	* 0.9744
	* 2.9449	* 2.2096	* 2.4513	* 1.9795	* 2.1664	* 2.1782	* 1.9284	* 3.5277
10	* 1.7058	* 1.4721	* 1.3917	* 1.5022	* 1.8459	* 1.6421	* 1.9232	* 0.9167
	* 2.1798	* 2.4511	* 2.6106	* 2.4329	* 2.0639	* 2.2593	* 1.9900	* 3.6844
11	* 1.4427	* 1.8952	* 1.5024	* 1.6914	* 1.4458	* 1.8252	* 1.7278	* 0.7938
	* 2.5033	* 1.9795	* 2.4326	* 2.2539	* 2.5296	* 2.1067	* 2.2457	* 4.2811
12	* 1.8371	* 1.6705	* 1.8460	* 1.4458	* 1.0719	* 1.4495	* 1.0041	
	* 2.0336	* 2.1664	* 2.0638	* 2.5296	* 2.8645	* 2.3728	* 3.3263	
13	* 1.6430	* 1.6816	* 1.6422	* 1.8253	* 1.4496	* 0.7566	* 0.4754	
	* 2.2074	* 2.1772	* 2.2591	* 2.1066	* 2.3727	* 3.6696	* 6.4566	
14	* 1.9222	* 1.9655	* 1.9234	* 1.7279	* 1.0043	* 0.4754		
	* 1.9646	* 1.9282	* 1.9899	* 2.2456	* 3.3258	* 6.4482		
15	* 0.9459	* 0.9748	* 0.9167	* 0.7938	* F-SUB-Q			
	* 3.5378	* 3.5269	* 3.6835	* 4.2809	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9989	1.2524	1.6948	1.4348	1.8152	1.6240	1.8956	0.9450
	3.3745	2.8855	2.1645	2.4848	2.0255	2.1977	1.9594	3.4962
9	1.2524	1.6906	1.4637	1.8740	1.6573	1.6625	1.9392	0.9721
	2.8855	2.1921	2.4332	1.9716	2.1530	2.1682	1.9230	3.4840
10	1.6948	1.4639	1.3860	1.4947	1.8345	1.6396	1.9064	0.9189
	2.1645	2.4330	2.5925	2.4146	2.0542	2.2428	1.9795	3.6252
11	1.4348	1.8740	1.4950	1.6942	1.4619	1.8313	1.7294	0.8020
	2.4848	1.9715	2.4143	2.2490	2.5235	2.1042	2.2244	4.1912
12	1.8152	1.6573	1.8346	1.4619	1.1424	1.4916	1.0343	
	2.0255	2.1530	2.0540	2.5235	2.8570	2.3695	3.2723	
13	1.6240	1.6633	1.6398	1.8314	1.4918	0.8221	0.4970	
	2.1977	2.1673	2.2425	2.1042	2.3694	3.6149	6.3666	
14	1.8956	1.9395	1.9065	1.7294	1.0345	0.4971		
	1.9594	1.9227	1.9794	2.2243	3.2717	6.3572		
15	0.9450	0.9724	0.9190	0.8019				F-SUB-Q
	3.4962	3.4833	3.6243	4.1910				M-SUB-Q

AT 50% POWER, 300 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0711	1.2622	1.7211	1.4333	1.8332	1.6263	1.9134	0.9299
	3.0888	2.6747	1.9697	2.2893	1.8491	2.0230	1.7890	3.2702
9	1.2622	1.7293	1.4761	1.8975	1.6677	1.6692	1.9598	0.9612
	2.6747	1.9887	2.2301	1.7965	1.9777	1.9914	1.7540	3.2517
10	1.7211	1.4763	1.3979	1.5052	1.8687	1.6636	1.9355	0.9043
	1.9697	2.2299	2.3800	2.2172	1.8678	2.0547	1.8003	3.4025
11	1.4332	1.8975	1.5055	1.7444	1.5005	1.8838	1.7733	0.7936
	2.2893	1.7965	2.2169	2.0286	2.2884	1.8921	2.0128	3.9206
12	1.8332	1.6677	1.8688	1.5004	1.2586	1.6074	1.0489	
	1.8491	1.9777	1.8677	2.2884	2.6149	2.1530	3.0294	
13	1.6263	1.6700	1.6637	1.8839	1.6075	0.8902	0.5097	
	2.0230	1.9906	2.0545	1.8920	2.1529	3.3873	5.9730	
14	1.9134	1.9600	1.9357	1.7734	1.0492	0.5097		
	1.7890	1.7538	1.8001	2.0127	3.0289	5.9651		
15	0.9299	0.9616	0.9043	0.7935				F-SUB-Q
	3.2702	3.2509	3.4016	3.9204				M-SUB-Q

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1076	1.2714	1.7170	1.4217	1.8198	1.6116	1.8977	0.9187
	2.8734	2.4813	1.8429	2.1543	1.7376	1.9049	1.6823	3.0923
9	1.2714	1.7346	1.4702	1.8862	1.6579	1.6562	1.9448	0.9510
	2.4813	1.8527	2.0911	1.6875	1.8593	1.8729	1.6486	3.0706
10	1.7170	1.4704	1.3938	1.4982	1.8662	1.6645	1.9288	0.8959
	1.8429	2.0909	2.2324	2.0810	1.7499	1.9178	1.6859	3.2094
11	1.4217	1.8863	1.4984	1.7566	1.5152	1.9012	1.7823	0.7905
	2.1543	1.6875	2.0807	1.8956	2.1414	1.7647	1.8696	3.6809
12	1.8198	1.6579	1.8663	1.5152	1.3312	1.6664	1.0641	
	1.7376	1.8592	1.7499	2.1414	2.4152	1.9885	2.8261	
13	1.6116	1.6571	1.6647	1.9012	1.6665	0.9364	0.5226	
	1.9049	1.8720	1.9177	1.7647	1.9883	3.1208	5.5500	
14	1.8977	1.9451	1.9290	1.7823	1.0643	0.5226		
	1.6823	1.6484	1.6858	1.8695	2.8256	5.5428		
15	0.9187	0.9513	0.8960	0.7905	F-SUB-Q			
	3.0923	3.0699	3.2085	3.6808	M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1114	1.2601	1.6667	1.3914	1.7599	1.5697	1.8321	0.9072
	2.7129	2.3430	1.7879	2.0833	1.6947	1.8459	1.6439	2.9676
9	1.2601	1.6894	1.4361	1.8215	1.6163	1.6129	1.8776	0.9363
	2.3430	1.7869	2.0179	1.6487	1.8006	1.8150	1.6105	2.9481
10	1.6667	1.4363	1.3639	1.4630	1.8086	1.6281	1.8687	0.8892
	1.7879	2.0176	2.1525	2.0090	1.7038	1.8454	1.6398	3.0561
11	1.3914	1.8216	1.4633	1.7073	1.4901	1.8550	1.7370	0.7883
	2.0833	1.6487	2.0087	1.8272	2.0419	1.6945	1.8013	3.4847
12	1.7599	1.6163	1.8087	1.4900	1.3261	1.6466	1.0715	
	1.6947	1.8006	1.7037	2.0420	2.3331	1.9317	2.6572	
13	1.5697	1.6137	1.6282	1.8551	1.6467	0.9563	0.5324	
	1.8459	1.8142	1.8453	1.6944	1.9316	2.9475	5.2418	
14	1.8321	1.8779	1.8688	1.7371	1.0718	0.5325		
	1.6439	1.6102	1.6397	1.8013	2.6568	5.2345		
15	0.9072	0.9367	0.8892	0.7883	F-SUB-Q			
	2.9676	2.9474	3.0553	3.4845	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0750	1.2190	1.6177	1.3411	1.7043	1.5231	1.7743	0.8642
	2.6265	2.2882	1.7510	2.0546	1.6679	1.8148	1.6188	2.9699
9	1.2190	1.6449	1.3962	1.7616	1.5671	1.5678	1.8183	0.8953
	2.2882	1.7371	1.9747	1.6247	1.7703	1.7805	1.5854	2.9459
10	1.6177	1.3964	1.3283	1.4185	1.7480	1.5842	1.8125	0.8470
	1.7510	1.9745	2.1034	1.9710	1.6722	1.7997	1.6089	3.0630
11	1.3411	1.7617	1.4188	1.6501	1.4515	1.8049	1.6898	0.7514
	2.0546	1.6247	1.9707	1.7909	1.9841	1.6487	1.7557	3.4829
12	1.7043	1.5671	1.7481	1.4514	1.3003	1.6123	1.0286	
	1.6679	1.7703	1.6721	1.9842	2.2445	1.8596	2.6178	
13	1.5231	1.5686	1.5843	1.8050	1.6124	0.9258	0.5124	
	1.8148	1.7797	1.7995	1.6486	1.8595	2.8980	5.1662	
14	1.7743	1.8185	1.8127	1.6898	1.0288	0.5124		
	1.6188	1.5852	1.6087	1.7557	2.6174	5.1596		
15	0.8642	0.8956	0.8470	0.7514	F-SUB-Q			
	2.9699	2.9452	3.0622	3.4827	M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9950	1.1245	1.4636	1.2302	1.5390	1.3998	1.6030	0.7936
	2.7174	2.3673	1.8597	2.1578	1.7786	1.9037	1.7270	3.1256
9	1.1245	1.4922	1.2847	1.5884	1.4409	1.4424	1.6424	0.8213
	2.3673	1.8338	2.0638	1.7354	1.8547	1.8656	1.6908	3.1023
10	1.4636	1.2849	1.2254	1.3065	1.5770	1.4544	1.6372	0.7754
	1.8597	2.0636	2.1934	2.0571	1.7781	1.8804	1.7129	3.2295
11	1.2302	1.5885	1.3067	1.4906	1.3348	1.6340	1.5291	0.6901
	2.1578	1.7354	2.0568	1.8954	2.0675	1.7432	1.8581	3.6545
12	1.5390	1.4409	1.5771	1.3348	1.2013	1.4659	0.9473	
	1.7786	1.8547	1.7780	2.0675	2.3223	1.9570	2.7314	
13	1.3998	1.4431	1.4546	1.6341	1.4660	0.8569	0.4744	
	1.9037	1.8648	1.8802	1.7431	1.9568	2.9922	5.3536	
14	1.6030	1.6426	1.6374	1.5292	0.9475	0.4744		
	1.7270	1.6906	1.7127	1.8580	2.7310	5.3470		
15	0.7936	0.8216	0.7754	0.6900	F-SUB-Q			
	3.1256	3.1016	3.2287	3.6543	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 300 EFPD, THIS IS LEVEL 2 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8110	* 0.9136	* 1.1711	* 0.9963	* 1.2313	* 1.1295	* 1.2777	* 0.6461
	* 3.2055	* 2.8209	* 2.2571	* 2.5899	* 2.1602	* 2.2946	* 2.1057	* 3.7433
9	* 0.9136	* 1.2078	* 1.0266	* 1.2997	* 1.1677	* 1.1660	* 1.3166	* 0.6696
	* 2.8209	* 2.1946	* 2.5068	* 2.0590	* 2.2216	* 2.2435	* 2.0497	* 3.7087
10	* 1.1711	* 1.0268	* 0.9783	* 1.0652	* 1.2914	* 1.1712	* 1.3079	* 0.6286
	* 2.2571	* 2.5066	* 2.6657	* 2.4493	* 2.0957	* 2.2654	* 2.0816	* 3.8795
11	* 0.9963	* 1.2998	* 1.0654	* 1.2322	* 1.0628	* 1.3104	* 1.2078	* 0.5561
	* 2.5899	* 2.0590	* 2.4490	* 2.2110	* 2.5058	* 2.0979	* 2.2781	* 4.4124
12	* 1.2313	* 1.1677	* 1.2915	* 1.0627	* 0.9600	* 1.1654	* 0.7665	*
	* 2.1602	* 2.2216	* 2.0956	* 2.5058	* 2.8191	* 2.3889	* 3.2727	*
13	* 1.1295	* 1.1664	* 1.1714	* 1.3104	* 1.1654	* 0.6913	* 0.3861	*
	* 2.2946	* 2.2427	* 2.2652	* 2.0978	* 2.3887	* 3.6018	* 6.4015	*
14	* 1.2777	* 1.3168	* 1.3080	* 1.2079	* 0.7666	* 0.3860	*	*
	* 2.1057	* 2.0495	* 2.0814	* 2.2780	* 3.2721	* 6.3945	*	*
15	* 0.6461	* 0.6698	* 0.6286	* 0.5561	* F-SUB-Q			
	* 3.7433	* 3.7080	* 3.8785	* 4.4122	* M-SUB-Q			

AT 50% POWER, 300 EFPD, THIS IS LEVEL 1 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.3760	* 0.4182	* 0.5129	* 0.4574	* 0.5396	* 0.4658	* 0.5082	* 0.2757
	* 6.7271	* 6.0064	* 5.0265	* 5.5057	* 4.8090	* 5.4203	* 5.1625	* 8.5744
9	* 0.4182	* 0.4911	* 0.4387	* 0.5388	* 0.4863	* 0.4767	* 0.5088	* 0.2832
	* 6.0064	* 5.2493	* 5.7192	* 4.8303	* 5.1893	* 5.3440	* 5.1672	* 8.5622
10	* 0.5129	* 0.4388	* 0.4200	* 0.4650	* 0.5416	* 0.4771	* 0.5035	* 0.2686
	* 5.0265	* 5.7189	* 6.0488	* 5.4688	* 4.8490	* 5.3930	* 5.2645	* 8.8665
11	* 0.4574	* 0.5388	* 0.4650	* 0.5200	* 0.4529	* 0.5272	* 0.4734	* 0.2358
	* 5.5057	* 4.8302	* 5.4684	* 5.0867	* 5.7101	* 5.0673	* 5.6577	* 10.1610
12	* 0.5396	* 0.4863	* 0.5416	* 0.4529	* 0.4087	* 0.4617	* 0.3224	*
	* 4.8090	* 5.1891	* 4.8488	* 5.7099	* 6.4195	* 5.8523	* 7.5688	*
13	* 0.4658	* 0.4768	* 0.4771	* 0.5272	* 0.4617	* 0.2957	* 0.1693	*
	* 5.4203	* 5.3429	* 5.3927	* 5.0671	* 5.8519	* 8.2181	* 14.2586	*
14	* 0.5082	* 0.5089	* 0.5035	* 0.4734	* 0.3225	* 0.1694	*	*
	* 5.1625	* 5.1666	* 5.2641	* 5.6574	* 7.5676	* 14.2350	*	*
15	* 0.2757	* 0.2833	* 0.2686	* 0.2358	* F-SUB-Q			
	* 8.5744	* 8.5611	* 8.8642	* 10.1602	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 24 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.3188	0.4196	0.5450	0.5218	0.6084	0.5058	0.4261	0.2238
	5.4302	5.3593	4.3358	4.4409	3.9838	4.3017	4.2669	6.5839
9	0.4196	0.4775	0.4634	0.5919	0.5485	0.5276	0.5201	0.2889
	5.3593	4.7088	4.7463	4.0657	4.1960	4.2758	4.2928	6.7791
10	0.5450	0.4634	0.3820	0.5053	0.5990	0.5336	0.5444	0.2955
	4.3358	4.7462	4.9341	4.4788	4.1044	4.3666	4.4172	6.9301
11	0.5218	0.5919	0.5053	0.5279	0.4840	0.5605	0.5210	0.2730
	4.4409	4.0656	4.4783	4.4772	4.7763	4.3150	4.6465	7.8137
12	0.6084	0.5485	0.5991	0.4841	0.3580	0.4424	0.3429	
	3.9838	4.1958	4.1040	4.7758	5.0622	4.8906	6.2307	
13	0.5058	0.5277	0.5337	0.5606	0.4425	0.2594	0.1809	
	4.3017	4.2749	4.3660	4.3145	4.8900	6.3414	10.7393	
14	0.4261	0.5202	0.5445	0.5211	0.3429	0.1810		
	4.2669	4.2922	4.4166	4.6459	6.2292	10.7201		
15	0.2238	0.2890	0.2955	0.2731	F-SUB-Q			
	6.5839	6.7780	6.9282	7.8125	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 23 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6330	0.8490	1.1161	1.0522	1.2452	1.1066	0.9240	0.4908
	2.9432	2.7350	2.1875	2.2790	2.0096	2.0190	1.9629	3.0886
9	0.8490	1.0509	0.9925	1.2777	1.2037	1.1551	1.1975	0.6357
	2.7350	2.2039	2.2810	1.9472	1.9800	1.9912	1.9234	3.1817
10	1.1161	0.9925	0.7929	1.0625	1.2797	1.1797	1.2622	0.6533
	2.1875	2.2810	2.3925	2.1931	1.9943	2.0522	1.9678	3.2511
11	1.0522	1.2777	1.0626	1.1195	1.0427	1.2513	1.1810	0.6073
	2.2790	1.9471	2.1929	2.1498	2.2901	2.0189	2.1364	3.6763
12	1.2452	1.2037	1.2798	1.0428	0.7516	0.9966	0.7622	
	2.0096	1.9799	1.9941	2.2900	2.4441	2.2253	2.9295	
13	1.1066	1.1554	1.1799	1.2514	0.9968	0.5635	0.3928	
	2.0190	1.9904	2.0518	2.0187	2.2251	2.9821	5.0527	
14	0.9240	1.1977	1.2624	1.1811	0.7624	0.3928		
	1.9629	1.9231	1.9675	2.1362	2.9289	5.0458		
15	0.4908	0.6359	0.6534	0.6074	F-SUB-Q			
	3.0886	3.1811	3.2502	3.6758	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7654	* 1.0219	* 1.3612	* 1.2703	* 1.5185	* 1.3291	* 1.1492	* 0.6123
	* 2.5876	* 2.3323	* 1.8509	* 1.9486	* 1.6987	* 1.7056	* 1.6510	* 2.5949
9	* 1.0219	* 1.2693	* 1.2127	* 1.5298	* 1.4506	* 1.3753	* 1.4561	* 0.7784
	* 2.3323	* 1.8775	* 1.9258	* 1.6778	* 1.6941	* 1.6947	* 1.6192	* 2.6719
10	* 1.3612	* 1.2128	* 0.9815	* 1.2783	* 1.5194	* 1.4281	* 1.5365	* 0.7979
	* 1.8509	* 1.9257	* 2.0069	* 1.8795	* 1.7300	* 1.7463	* 1.6632	* 2.7145
11	* 1.2703	* 1.5298	* 1.2784	* 1.3350	* 1.2752	* 1.5169	* 1.4475	* 0.7498
	* 1.9486	* 1.6778	* 1.8793	* 1.8580	* 1.9204	* 1.7138	* 1.7932	* 3.0694
12	* 1.5185	* 1.4506	* 1.5196	* 1.2753	* 0.9181	* 1.2103	* 0.9359	
	* 1.6987	* 1.6940	* 1.7298	* 1.9202	* 2.0769	* 1.8798	* 2.4457	
13	* 1.3291	* 1.3757	* 1.4284	* 1.5171	* 1.2104	* 0.6911	* 0.4790	
	* 1.7056	* 1.6940	* 1.7460	* 1.7136	* 1.8797	* 2.5010	* 4.2424	
14	* 1.1492	* 1.4564	* 1.5367	* 1.4476	* 0.9361	* 0.4790		
	* 1.6510	* 1.6189	* 1.6630	* 1.7931	* 2.4453	* 4.2368		
15	* 0.6123	* 0.7786	* 0.7979	* 0.7498	* F-SUB-Q			
	* 2.5949	* 2.6714	* 2.7137	* 3.0690	* M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8283	* 1.1143	* 1.5260	* 1.3916	* 1.7042	* 1.4551	* 1.3026	* 0.6727
	* 2.5038	* 2.2424	* 1.7257	* 1.8544	* 1.5794	* 1.6124	* 1.5188	* 2.4864
9	* 1.1143	* 1.4249	* 1.3335	* 1.7268	* 1.5945	* 1.5008	* 1.6505	* 0.8427
	* 2.2424	* 1.7506	* 1.8322	* 1.5503	* 1.6051	* 1.6022	* 1.4889	* 2.5520
10	* 1.5260	* 1.3337	* 1.0740	* 1.4002	* 1.7133	* 1.5730	* 1.7323	* 0.8640
	* 1.7257	* 1.8321	* 1.9121	* 1.7873	* 1.5949	* 1.6408	* 1.5322	* 2.6117
11	* 1.3916	* 1.7268	* 1.4004	* 1.5004	* 1.3989	* 1.7075	* 1.6241	* 0.8058
	* 1.8544	* 1.5502	* 1.7870	* 1.7141	* 1.8148	* 1.5706	* 1.6481	* 2.9520
12	* 1.7042	* 1.5945	* 1.7135	* 1.3990	* 0.9967	* 1.3503	* 1.0031	
	* 1.5794	* 1.6051	* 1.5947	* 1.8147	* 1.9776	* 1.7440	* 2.3563	
13	* 1.4551	* 1.5013	* 1.5733	* 1.7076	* 1.3504	* 0.7341	* 0.5055	
	* 1.6124	* 1.6015	* 1.6405	* 1.5704	* 1.7440	* 2.4327	* 4.1483	
14	* 1.3026	* 1.6508	* 1.7324	* 1.6242	* 1.0033	* 0.5054		
	* 1.5188	* 1.4886	* 1.5320	* 1.6479	* 2.3560	* 4.1433		
15	* 0.6727	* 0.8429	* 0.8640	* 0.8059	* F-SUB-Q			
	* 2.4864	* 2.5515	* 2.6109	* 2.9516	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8598	1.1616	1.5985	1.4435	1.7823	1.5139	1.4006	0.7312
	2.5863	2.2868	1.7489	1.8880	1.5935	1.6445	1.5290	2.5269
9	1.1616	1.4985	1.3910	1.8157	1.6538	1.5519	1.7509	0.8871
	2.2868	1.7784	1.8732	1.5581	1.6324	1.6320	1.4967	2.5879
10	1.5985	1.3911	1.1340	1.4592	1.7968	1.6285	1.8152	0.9016
	1.7489	1.8731	1.9598	1.8175	1.5962	1.6521	1.5368	2.6438
11	1.4435	1.8157	1.4594	1.5841	1.4453	1.7795	1.6901	0.8336
	1.8880	1.5581	1.8172	1.7188	1.8456	1.5676	1.6473	2.9782
12	1.7823	1.6538	1.7969	1.4454	1.0312	1.3979	1.0326	
	1.5935	1.6323	1.5961	1.8455	2.0237	1.7622	2.3824	
13	1.5139	1.5523	1.6288	1.7797	1.3980	0.7489	0.5137	
	1.6445	1.6313	1.6519	1.5675	1.7621	2.4892	4.2584	
14	1.4006	1.7512	1.8154	1.6902	1.0328	0.5136		
	1.5290	1.4965	1.5366	1.6471	2.3820	4.2534		
15	0.7312	0.8874	0.9016	0.8337	F-SUB-Q			
	2.5269	2.5874	2.6431	2.9778	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8811	1.1992	1.6401	1.4708	1.8203	1.5581	1.5480	0.8306
	2.7313	2.3918	1.8274	1.9660	1.6551	1.7218	1.5925	2.6326
9	1.1992	1.5481	1.4342	1.8625	1.6835	1.5939	1.8277	0.9335
	2.3918	1.8642	1.9698	1.6164	1.7003	1.7065	1.5566	2.6895
10	1.6401	1.4343	1.2305	1.5016	1.8346	1.6496	1.8626	0.9344
	1.8274	1.9697	2.0599	1.8956	1.6434	1.7183	1.5882	2.7436
11	1.4708	1.8625	1.5018	1.6340	1.4616	1.8023	1.7104	0.8496
	1.9660	1.6164	1.8953	1.7879	1.9339	1.6265	1.7104	3.0804
12	1.8203	1.6835	1.8348	1.4616	1.0478	1.4068	1.0434	
	1.6551	1.7003	1.6433	1.9338	2.1327	1.8489	2.4760	
13	1.5581	1.5944	1.6498	1.8024	1.4069	0.7518	0.5143	
	1.7218	1.7057	1.7180	1.6264	1.8488	2.6191	4.4884	
14	1.5480	1.8280	1.8628	1.7105	1.0436	0.5143		
	1.5925	1.5564	1.5881	1.7103	2.4757	4.4829		
15	0.8306	0.9338	0.9345	0.8496	F-SUB-Q			
	2.6326	2.6890	2.7429	3.0801	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8934	1.2239	1.6847	1.4940	1.8607	1.6080	1.7961	0.9342
	2.9017	2.5141	1.9022	2.0599	1.7220	1.7991	1.6556	2.7771
9	1.2239	1.6261	1.4801	1.9123	1.7133	1.6603	1.9146	0.9803
	2.5141	1.9402	2.0549	1.6768	1.7772	1.7760	1.6125	2.8210
10	1.6847	1.4802	1.3719	1.5361	1.8752	1.6696	1.9152	0.9598
	1.9022	2.0548	2.1500	1.9781	1.7068	1.7990	1.6425	2.8643
11	1.4940	1.9124	1.5363	1.6932	1.4742	1.8259	1.7320	0.8513
	2.0599	1.6768	1.9779	1.8676	2.0405	1.7023	1.7908	3.2609
12	1.8607	1.7133	1.8753	1.4742	1.0529	1.4160	1.0373	
	1.7220	1.7771	1.7066	2.0404	2.2665	1.9514	2.6421	
13	1.6080	1.6612	1.6698	1.8260	1.4161	0.7426	0.5067	
	1.7991	1.7752	1.7988	1.7022	1.9513	2.8084	4.8260	
14	1.7961	1.9149	1.9154	1.7321	1.0374	0.5067		
	1.6556	1.6123	1.6423	1.7907	2.6418	4.8200		
15	0.9342	0.9806	0.9599	0.8513	F-SUB-Q			
	2.7771	2.8205	2.8636	3.2606	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9006	1.2395	1.7070	1.5035	1.8775	1.6701	1.9106	0.9904
	3.1343	2.7021	2.0371	2.2023	1.8363	1.9117	1.7483	2.9367
9	1.2395	1.6683	1.5034	1.9357	1.7254	1.7072	1.9678	1.0198
	2.7021	2.0746	2.2049	1.7877	1.8980	1.8903	1.7059	2.9886
10	1.7070	1.5035	1.4301	1.5561	1.8934	1.6774	1.9400	0.9769
	2.0371	2.2048	2.3040	2.1214	1.8038	1.9084	1.7450	3.0539
11	1.5035	1.9357	1.5563	1.7263	1.4743	1.8282	1.7339	0.8512
	2.2023	1.7877	2.1212	1.9946	2.1827	1.8186	1.9124	3.4661
12	1.8775	1.7254	1.8935	1.4743	1.0521	1.4107	1.0300	
	1.8363	1.8979	1.8037	2.1826	2.4319	2.0871	2.8526	
13	1.6701	1.7080	1.6776	1.8283	1.4108	0.7338	0.4998	
	1.9117	1.8895	1.9083	1.8185	2.0870	3.0293	5.2055	
14	1.9106	1.9680	1.9402	1.7340	1.0302	0.4997		
	1.7483	1.7057	1.7448	1.9123	2.8523	5.1989		
15	0.9904	1.0201	0.9769	0.8512	F-SUB-Q			
	2.9367	2.9880	3.0531	3.4658	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9021	1.2430	1.7203	1.5052	1.8872	1.6935	1.9544	1.0079
	3.4405	2.9222	2.1800	2.3656	1.9626	2.0699	1.8857	3.1874
9	1.2430	1.6896	1.5121	1.9500	1.7290	1.7260	2.0038	1.0349
	2.9222	2.2317	2.3706	1.9057	2.0342	2.0344	1.8354	3.2431
10	1.7203	1.5122	1.4446	1.5616	1.9044	1.6802	1.9539	0.9787
	2.1800	2.3704	2.4845	2.2693	1.9309	2.0551	1.8540	3.2857
11	1.5052	1.9500	1.5618	1.7431	1.4700	1.8282	1.7331	0.8453
	2.3656	1.9056	2.2691	2.1219	2.3642	1.9631	2.0639	3.7502
12	1.8872	1.7290	1.9045	1.4700	1.0463	1.4060	1.0173	
	1.9626	2.0341	1.9308	2.3641	2.6556	2.2665	3.1225	
13	1.6935	1.7268	1.6805	1.8283	1.4061	0.7232	0.4918	
	2.0699	2.0336	2.0549	1.9630	2.2664	3.3207	5.7055	
14	1.9544	2.0040	1.9541	1.7332	1.0175	0.4918		
	1.8857	1.8352	1.8538	2.0638	3.1221	5.6982		
15	1.0079	1.0352	0.9788	0.8453	F-SUB-Q			
	3.1874	3.2424	3.2849	3.7499	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9035	1.2458	1.6941	1.4911	1.8545	1.6762	1.9315	1.0166
	3.7951	3.1870	2.4162	2.6057	2.1755	2.2530	2.0568	3.4149
9	1.2458	1.6665	1.4923	1.9171	1.7046	1.7063	1.9774	1.0395
	3.1870	2.4659	2.6180	2.1117	2.2484	2.2229	2.0034	3.4717
10	1.6941	1.4925	1.4264	1.5408	1.8697	1.6536	1.9198	0.9836
	2.4162	2.6178	2.7333	2.5067	2.1473	2.2731	2.0482	3.5348
11	1.4911	1.9172	1.5410	1.7138	1.4468	1.7909	1.6977	0.8457
	2.6057	2.1117	2.5064	2.3546	2.6318	2.1883	2.2982	4.0810
12	1.8545	1.7046	1.8698	1.4468	1.0415	1.3767	1.0163	
	2.1755	2.2484	2.1472	2.6317	2.9719	2.5402	3.4246	
13	1.6762	1.7071	1.6538	1.7910	1.3768	0.7228	0.4920	
	2.2530	2.2220	2.2728	2.1882	2.5401	3.6508	6.2498	
14	1.9315	1.9776	1.9199	1.6978	1.0165	0.4920		
	2.0568	2.0032	2.0481	2.2981	3.4241	6.2410		
15	1.0166	1.0398	0.9837	0.8457	F-SUB-Q			
	3.4149	3.4711	3.5340	4.0808	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8994	* 1.2313	* 1.7018	* 1.4787	* 1.8598	* 1.6733	* 1.9439	* 1.0016
	* 4.1058	* 3.5796	* 2.6672	* 2.9069	* 2.3994	* 2.4776	* 2.2400	* 3.7887
9	* 1.2313	* 1.6783	* 1.4903	* 1.9276	* 1.6998	* 1.7039	* 1.9901	* 1.0279
	* 3.5796	* 2.7146	* 2.9036	* 2.3239	* 2.4937	* 2.4460	* 2.1845	* 3.8429
10	* 1.7018	* 1.4904	* 1.4234	* 1.5359	* 1.8804	* 1.6497	* 1.9293	* 0.9667
	* 2.6672	* 2.9035	* 3.0313	* 2.7843	* 2.3639	* 2.5159	* 2.2470	* 3.9501
11	* 1.4787	* 1.9276	* 1.5362	* 1.7266	* 1.4428	* 1.7985	* 1.7034	* 0.8285
	* 2.9069	* 2.3239	* 2.7840	* 2.5924	* 2.9239	* 2.4105	* 2.5293	* 4.5812
12	* 1.8598	* 1.6998	* 1.8805	* 1.4428	* 1.0347	* 1.3843	* 0.9970	
	* 2.3994	* 2.4937	* 2.3638	* 2.9239	* 3.2848	* 2.7915	* 3.8391	
13	* 1.6733	* 1.7048	* 1.6499	* 1.7986	* 1.3843	* 0.7129	* 0.4804	
	* 2.4776	* 2.4450	* 2.5156	* 2.4104	* 2.7914	* 4.1156	* 7.0623	
14	* 1.9439	* 1.9903	* 1.9295	* 1.7034	* 0.9972	* 0.4804		
	* 2.2400	* 2.1843	* 2.2469	* 2.5292	* 3.8386	* 7.0530		
15	* 1.0016	* 1.0282	* 0.9667	* 0.8285	* F-SUB-Q			
	* 3.7887	* 3.8421	* 3.9493	* 4.5810	* M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9033	* 1.2216	* 1.6866	* 1.4604	* 1.8394	* 1.6520	* 1.9239	* 0.9903
	* 4.2106	* 3.6847	* 2.8085	* 3.0926	* 2.5724	* 2.7275	* 2.4804	* 4.2063
9	* 1.2216	* 1.6659	* 1.4738	* 1.9092	* 1.6792	* 1.6831	* 1.9697	* 1.0169
	* 3.6847	* 2.8560	* 3.0682	* 2.4885	* 2.6795	* 2.6987	* 2.4272	* 4.2801
10	* 1.6866	* 1.4739	* 1.4068	* 1.5180	* 1.8627	* 1.6291	* 1.9094	* 0.9557
	* 2.8085	* 3.0680	* 3.2402	* 2.9948	* 2.5726	* 2.7978	* 2.5158	* 4.4206
11	* 1.4604	* 1.9092	* 1.5182	* 1.7133	* 1.4287	* 1.7820	* 1.6867	* 0.8187
	* 3.0926	* 2.4884	* 2.9945	* 2.6862	* 3.0029	* 2.5622	* 2.7732	* 5.1653
12	* 1.8394	* 1.6792	* 1.8628	* 1.4286	* 1.0366	* 1.3781	* 0.9888	
	* 2.5724	* 2.6795	* 2.5726	* 3.0029	* 3.3872	* 2.8938	* 3.9803	
13	* 1.6520	* 1.6839	* 1.6293	* 1.7821	* 1.3782	* 0.7140	* 0.4765	
	* 2.7275	* 2.6976	* 2.7975	* 2.5622	* 2.8937	* 4.2831	* 7.3935	
14	* 1.9239	* 1.9699	* 1.9095	* 1.6867	* 0.9889	* 0.4765		
	* 2.4804	* 2.4269	* 2.5157	* 2.7732	* 3.9797	* 7.3837		
15	* 0.9903	* 1.0172	* 0.9557	* 0.8186	* F-SUB-Q			
	* 4.2063	* 4.2792	* 4.4196	* 5.1650	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 12 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9053	1.2157	1.6540	1.4401	1.7998	1.6186	1.8814	0.9828
	4.3034	3.6469	2.7754	3.0486	2.5467	2.6920	2.4514	4.1015
9	1.2157	1.6355	1.4468	1.8694	1.6475	1.6502	1.9265	1.0074
	3.6470	2.8238	3.0292	2.4627	2.6467	2.6642	2.4000	4.1768
10	1.6540	1.4469	1.3808	1.4908	1.8242	1.5976	1.8688	0.9495
	2.7754	3.0290	3.2011	2.9571	2.5481	2.7671	2.4912	4.3095
11	1.4401	1.8695	1.4909	1.6803	1.4062	1.7475	1.6535	0.8148
	3.0486	2.4627	2.9567	2.7816	3.1104	2.6594	2.8451	5.0649
12	1.7998	1.6475	1.8243	1.4061	1.0368	1.3572	0.9876	
	2.5467	2.6467	2.5480	3.1105	3.5101	3.0048	4.0654	
13	1.6186	1.6509	1.5978	1.7475	1.3573	0.7198	0.4779	
	2.6920	2.6632	2.7668	2.6593	3.0047	4.3789	7.5474	
14	1.8814	1.9267	1.8689	1.6535	0.9877	0.4780		
	2.4514	2.3997	2.4911	2.8451	4.0648	7.5362		
15	0.9828	1.0077	0.9495	0.8147	F-SUB-Q			
	4.1015	4.1759	4.3086	5.0647	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 11 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8954	1.1990	1.6568	1.4235	1.7993	1.6072	1.8825	0.9624
	4.1541	3.6025	2.7044	3.0012	2.4891	2.6462	2.3909	4.0731
9	1.1990	1.6421	1.4409	1.8743	1.6383	1.6401	1.9290	0.9906
	3.6025	2.7438	2.9676	2.4013	2.6009	2.6166	2.3397	4.1407
10	1.6568	1.4411	1.3744	1.4829	1.8312	1.5901	1.8735	0.9300
	2.7044	2.9674	3.1395	2.9055	2.4824	2.7170	2.4287	4.2928
11	1.4235	1.8743	1.4832	1.6898	1.4020	1.7556	1.6607	0.7981
	3.0012	2.4013	2.9052	2.7055	3.0460	2.6036	2.7717	5.0511
12	1.7993	1.6383	1.8312	1.4020	1.0266	1.3668	0.9714	
	2.4891	2.6009	2.4823	3.0460	3.4252	2.9198	4.0146	
13	1.6072	1.6409	1.5903	1.7556	1.3668	0.7102	0.4687	
	2.6462	2.6156	2.7168	2.6036	2.9197	4.3013	7.3605	
14	1.8825	1.9292	1.8735	1.6607	0.9716	0.4687		
	2.3909	2.3395	2.4286	2.7717	4.0141	7.3505		
15	0.9624	0.9909	0.9300	0.7981	F-SUB-Q			
	4.0731	4.1399	4.2920	5.0510	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8913	1.1904	1.6508	1.4114	1.7882	1.5910	1.8698	0.9501
	3.7743	3.3133	2.5251	2.8266	2.3499	2.5168	2.2729	3.8559
9	1.1904	1.6389	1.4317	1.8664	1.6263	1.6252	1.9172	0.9795
	3.3133	2.5468	2.7735	2.2595	2.4554	2.4859	2.2236	3.9136
10	1.6508	1.4318	1.3652	1.4730	1.8258	1.5786	1.8653	0.9166
	2.5251	2.7733	2.9338	2.7295	2.3355	2.5724	2.2994	4.0631
11	1.4114	1.8665	1.4732	1.6882	1.3967	1.7538	1.6586	0.7900
	2.8266	2.2594	2.7292	2.4491	2.7645	2.3564	2.5475	4.7386
12	1.7882	1.6263	1.8259	1.3966	1.0233	1.3703	0.9669	
	2.3499	2.4554	2.3355	2.7646	3.1098	2.6439	3.6571	
13	1.5910	1.6260	1.5787	1.7538	1.3704	0.7094	0.4668	
	2.5168	2.4849	2.5723	2.3564	2.6439	3.9255	6.7359	
14	1.8698	1.9174	1.8654	1.6586	0.9671	0.4668		
	2.2729	2.2234	2.2993	2.5475	3.6567	6.7268		
15	0.9501	0.9798	0.9166	0.7900	F-SUB-Q			
	3.8559	3.9129	4.0623	4.7386	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8981	1.1938	1.6455	1.4019	1.7763	1.5761	1.8542	0.9428
	3.4201	2.9793	2.2574	2.5357	2.1071	2.2644	2.0425	3.4666
9	1.1938	1.6378	1.4250	1.8571	1.6173	1.6117	1.9023	0.9732
	2.9793	2.2731	2.4845	2.0234	2.2027	2.2350	1.9972	3.5148
10	1.6455	1.4251	1.3595	1.4659	1.8198	1.5728	1.8555	0.9145
	2.2574	2.4843	2.6290	2.4465	2.0902	2.3092	2.0614	3.6352
11	1.4019	1.8571	1.4661	1.6877	1.3970	1.7538	1.6571	0.7889
	2.5357	2.0234	2.4463	2.2324	2.5277	2.1521	2.3229	4.2401
12	1.7763	1.6173	1.8199	1.3969	1.0324	1.3797	0.9737	
	2.1071	2.2027	2.0902	2.5278	2.8499	2.4219	3.3381	
13	1.5761	1.6125	1.5728	1.7538	1.3798	0.7212	0.4725	
	2.2644	2.2342	2.3090	2.1521	2.4218	3.5929	6.1766	
14	1.8542	1.9025	1.8556	1.6571	0.9739	0.4726		
	2.0425	1.9971	2.0614	2.3229	3.3377	6.1681		
15	0.9428	0.9735	0.9145	0.7889	F-SUB-Q			
	3.4666	3.5141	3.6346	4.2401	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9213	1.2095	1.6378	1.4012	1.7596	1.5605	1.8314	0.9445
	3.3279	2.8830	2.2149	2.4874	2.0742	2.2308	2.0162	3.3857
9	1.2095	1.6358	1.4195	1.8416	1.6092	1.5976	1.8800	0.9729
	2.8830	2.2280	2.4368	1.9907	2.1633	2.2006	1.9708	3.4329
10	1.6378	1.4197	1.3557	1.4620	1.8096	1.5696	1.8405	0.9187
	2.2149	2.4366	2.5794	2.3989	2.0549	2.2675	2.0291	3.5362
11	1.4012	1.8416	1.4621	1.6868	1.4059	1.7551	1.6549	0.7967
	2.4874	1.9907	2.3987	2.2040	2.4947	2.1281	2.2797	4.1091
12	1.7596	1.6091	1.8096	1.4058	1.0614	1.4015	0.9976	
	2.0742	2.1633	2.0548	2.4948	2.8129	2.3947	3.2500	
13	1.5605	1.5983	1.5697	1.7550	1.4016	0.7556	0.4896	
	2.2308	2.1998	2.2674	2.1281	2.3947	3.5014	6.0217	
14	1.8314	1.8802	1.8405	1.6549	0.9978	0.4897		
	2.0162	1.9707	2.0290	2.2798	3.2496	6.0123		
15	0.9445	0.9732	0.9187	0.7967	F-SUB-Q			
	3.3857	3.4322	3.5356	4.1091	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9808	1.2195	1.6692	1.4030	1.7837	1.5679	1.8542	0.9325
	3.0168	2.6340	1.9924	2.2648	1.8722	2.0314	1.8213	3.1333
9	1.2195	1.6791	1.4372	1.8754	1.6256	1.6078	1.9058	0.9659
	2.6340	1.9970	2.2069	1.7921	1.9644	2.0001	1.7785	3.1676
10	1.6692	1.4374	1.3735	1.4776	1.8503	1.5966	1.8738	0.9072
	1.9924	2.2067	2.3371	2.1758	1.8450	2.0506	1.8255	3.2811
11	1.4030	1.8754	1.4778	1.7406	1.4452	1.8090	1.7010	0.7919
	2.2648	1.7921	2.1756	1.9630	2.2388	1.8946	2.0391	3.7951
12	1.7837	1.6255	1.8503	1.4451	1.1335	1.4845	1.0131	
	1.8722	1.9644	1.8449	2.2389	2.5452	2.1539	2.9782	
13	1.5679	1.6086	1.5967	1.8090	1.4845	0.8117	0.5022	
	2.0314	1.9993	2.0506	1.8946	2.1539	3.2476	5.5895	
14	1.8542	1.9059	1.8739	1.7009	1.0133	0.5022		
	1.8213	1.7784	1.8255	2.0391	2.9779	5.5819		
15	0.9325	0.9662	0.9072	0.7918	F-SUB-Q			
	3.1333	3.1669	3.2805	3.7952	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0644	1.2407	1.6810	1.4041	1.7860	1.5649	1.8525	0.9286
	2.7664	2.4139	1.8374	2.1002	1.7342	1.8881	1.6903	2.9219
9	1.2407	1.7029	1.4448	1.8834	1.6308	1.6069	1.9057	0.9634
	2.4139	1.8330	2.0396	1.6579	1.8201	1.8565	1.6493	2.9494
10	1.6810	1.4450	1.3824	1.4848	1.8655	1.6118	1.8826	0.9063
	1.8374	2.0394	2.1594	2.0121	1.7017	1.8886	1.6863	3.0516
11	1.4041	1.8834	1.4850	1.7735	1.4792	1.8484	1.7259	0.7956
	2.1002	1.6579	2.0119	1.8084	2.0664	1.7465	1.8663	3.5132
12	1.7860	1.6308	1.8656	1.4791	1.2547	1.5818	1.0418	
	1.7342	1.8201	1.7017	2.0665	2.3195	1.9623	2.7414	
13	1.5649	1.6077	1.6119	1.8484	1.5818	0.8921	0.5239	
	1.8881	1.8557	1.8885	1.7465	1.9622	2.9525	5.1253	
14	1.8525	1.9058	1.8826	1.7258	1.0420	0.5239		
	1.6903	1.6492	1.6863	1.8663	2.7411	5.1183		
15	0.9286	0.9637	0.9063	0.7956	F-SUB-Q			
	2.9219	2.9488	3.0510	3.5132	M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1087	1.2571	1.6571	1.3956	1.7514	1.5421	1.8116	0.9289
	2.5742	2.2363	1.7504	1.9941	1.6612	1.8009	1.6236	2.7556
9	1.2571	1.6870	1.4313	1.8479	1.6132	1.5847	1.8641	0.9603
	2.2363	1.7360	1.9351	1.5891	1.7289	1.7702	1.5837	2.7847
10	1.6571	1.4315	1.3716	1.4713	1.8369	1.6006	1.8489	0.9110
	1.7504	1.9349	2.0467	1.9084	1.6259	1.7858	1.6125	2.8577
11	1.3956	1.8479	1.4715	1.7605	1.4847	1.8404	1.7098	0.8036
	1.9941	1.5890	1.9082	1.7103	1.9386	1.6461	1.7671	3.2735
12	1.7514	1.6131	1.8369	1.4846	1.3129	1.6159	1.0707	
	1.6612	1.7289	1.6259	1.9386	2.2060	1.8755	2.5374	
13	1.5421	1.5854	1.6006	1.8403	1.6160	0.9500	0.5474	
	1.8009	1.7695	1.7857	1.6461	1.8754	2.7447	4.7630	
14	1.8116	1.8643	1.8489	1.7098	1.0709	0.5475		
	1.6236	1.5835	1.6125	1.7672	2.5371	4.7560		
15	0.9289	0.9606	0.9110	0.8035	F-SUB-Q			
	2.7556	2.7841	2.8572	3.2736	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 4 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0954	* 1.2343	* 1.6361	* 1.3617	* 1.7231	* 1.5171	* 1.7819	* 0.8958
	* 2.4511	* 2.1535	* 1.6819	* 1.9353	* 1.6047	* 1.7409	* 1.5693	* 2.7156
9	* 1.2343	* 1.6731	* 1.4136	* 1.8196	* 1.5890	* 1.5612	* 1.8342	* 0.9314
	* 2.1535	* 1.6554	* 1.8606	* 1.5343	* 1.6672	* 1.7074	* 1.5298	* 2.7346
10	* 1.6361	* 1.4138	* 1.3569	* 1.4500	* 1.8094	* 1.5840	* 1.8241	* 0.8802
	* 1.6819	* 1.8604	* 1.9647	* 1.8384	* 1.5637	* 1.7102	* 1.5520	* 2.8155
11	* 1.3617	* 1.8197	* 1.4502	* 1.7391	* 1.4737	* 1.8284	* 1.6947	* 0.7789
	* 1.9353	* 1.5343	* 1.8382	* 1.6418	* 1.8517	* 1.5709	* 1.6914	* 3.2122
12	* 1.7231	* 1.5890	* 1.8094	* 1.4735	* 1.3202	* 1.6222	* 1.0490	
	* 1.6047	* 1.6672	* 1.5637	* 1.8518	* 2.0870	* 1.7731	* 2.4561	
13	* 1.5171	* 1.5620	* 1.5841	* 1.8284	* 1.6223	* 0.9439	* 0.5387	
	* 1.7409	* 1.7067	* 1.7101	* 1.5709	* 1.7730	* 2.6538	* 4.6173	
14	* 1.7819	* 1.8344	* 1.8242	* 1.6947	* 1.0491	* 0.5387		
	* 1.5693	* 1.5297	* 1.5519	* 1.6914	* 2.4557	* 4.6112		
15	* 0.8958	* 0.9318	* 0.8802	* 0.7788	* F-SUB-Q			
	* 2.7156	* 2.7340	* 2.8150	* 3.2122	* M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 3 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0355	* 1.1606	* 1.5133	* 1.2705	* 1.5881	* 1.4189	* 1.6411	* 0.8351
	* 2.4856	* 2.1839	* 1.7437	* 1.9931	* 1.6726	* 1.7908	* 1.6385	* 2.8087
9	* 1.1606	* 1.5500	* 1.3249	* 1.6731	* 1.4839	* 1.4620	* 1.6883	* 0.8670
	* 2.1839	* 1.7092	* 1.9060	* 1.6008	* 1.7141	* 1.7538	* 1.5976	* 2.8322
10	* 1.5133	* 1.3250	* 1.2761	* 1.3579	* 1.6658	* 1.4824	* 1.6820	* 0.8181
	* 1.7437	* 1.9058	* 2.0058	* 1.8839	* 1.6276	* 1.7517	* 1.6161	* 2.9184
11	* 1.2705	* 1.6732	* 1.3582	* 1.6015	* 1.3821	* 1.6910	* 1.5652	* 0.7275
	* 1.9931	* 1.6007	* 1.8837	* 1.7042	* 1.8928	* 1.6263	* 1.7525	* 3.3097
12	* 1.5881	* 1.4839	* 1.6659	* 1.3820	* 1.2477	* 1.5093	* 0.9855	
	* 1.6726	* 1.7141	* 1.6275	* 1.8929	* 2.1169	* 1.8274	* 2.5149	
13	* 1.4189	* 1.4627	* 1.4825	* 1.6910	* 1.5093	* 0.8937	* 0.5098	
	* 1.7908	* 1.7531	* 1.7516	* 1.6263	* 1.8273	* 2.6890	* 4.6969	
14	* 1.6411	* 1.6885	* 1.6820	* 1.5652	* 0.9856	* 0.5098		
	* 1.6385	* 1.5975	* 1.6160	* 1.7525	* 2.5146	* 4.6908		
15	* 0.8351	* 0.8673	* 0.8181	* 0.7275	* F-SUB-Q			
	* 2.8087	* 2.8315	* 2.9179	* 3.3097	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 375 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8653	* 0.9651	* 1.2262	* 1.0488	* 1.2820	* 1.1718	* 1.3235	* 0.6901
	* 2.8590	* 2.5393	* 2.0845	* 2.3415	* 2.0089	* 2.1044	* 1.9699	* 3.3076
9	* 0.9651	* 1.2663	* 1.0827	* 1.3717	* 1.2271	* 1.2093	* 1.3659	* 0.7155
	* 2.5393	* 2.0229	* 2.2596	* 1.8887	* 2.0087	* 2.0577	* 1.9141	* 3.3372
10	* 1.2262	* 1.0828	* 1.0421	* 1.1296	* 1.3685	* 1.2208	* 1.3594	* 0.6716
	* 2.0845	* 2.2595	* 2.3791	* 2.1954	* 1.9101	* 2.0603	* 1.9365	* 3.4557
11	* 1.0488	* 1.3717	* 1.1297	* 1.3237	* 1.1239	* 1.3685	* 1.2631	* 0.5971
	* 2.3415	* 1.8886	* 2.1952	* 1.9858	* 2.2444	* 1.9368	* 2.1011	* 3.9195
12	* 1.2820	* 1.2271	* 1.3685	* 1.1238	* 1.0222	* 1.2272	* 0.8127	
	* 2.0089	* 2.0087	* 1.9101	* 2.2445	* 2.5060	* 2.1816	* 2.9556	
13	* 1.1718	* 1.2098	* 1.2208	* 1.3685	* 1.2273	* 0.7386	* 0.4244	
	* 2.1044	* 2.0570	* 2.0603	* 1.9368	* 2.1815	* 3.1628	* 5.4958	
14	* 1.3235	* 1.3660	* 1.3595	* 1.2631	* 0.8128	* 0.4243		
	* 1.9699	* 1.9139	* 1.9365	* 2.1011	* 2.9553	* 5.4894		
15	* 0.6901	* 0.7157	* 0.6716	* 0.5970	* F-SUB-Q			
	* 3.3076	* 3.3366	* 3.4552	* 3.9194	* M-SUB-Q			

AT 50% POWER, 375 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.4166	* 0.4591	* 0.5603	* 0.4994	* 0.5851	* 0.5039	* 0.5504	* 0.3048
	* 5.7719	* 5.1974	* 4.4423	* 4.7905	* 4.2856	* 4.7582	* 4.6099	* 7.3059
9	* 0.4591	* 0.5377	* 0.4810	* 0.5887	* 0.5309	* 0.5163	* 0.5514	* 0.3130
	* 5.1974	* 4.6253	* 4.9487	* 4.2739	* 4.5079	* 4.6839	* 4.6104	* 7.4383
10	* 0.5603	* 0.4810	* 0.4652	* 0.5114	* 0.5927	* 0.5199	* 0.5471	* 0.2972
	* 4.4423	* 4.9485	* 5.1823	* 4.7146	* 4.2757	* 4.6827	* 4.6767	* 7.6161
11	* 0.4994	* 0.5888	* 0.5115	* 0.5751	* 0.4972	* 0.5748	* 0.5181	* 0.2625
	* 4.7905	* 4.2738	* 4.7143	* 4.4311	* 4.9109	* 4.4739	* 4.9788	* 8.6944
12	* 0.5851	* 0.5309	* 0.5927	* 0.4972	* 0.4531	* 0.5091	* 0.3553	
	* 4.2856	* 4.5078	* 4.2756	* 4.9109	* 5.4771	* 5.0988	* 6.5714	
13	* 0.5039	* 0.5165	* 0.5199	* 0.5748	* 0.5091	* 0.3290	* 0.1930	
	* 4.7582	* 4.6830	* 4.6825	* 4.4739	* 5.0985	* 6.9240	* 11.8027	
14	* 0.5504	* 0.5514	* 0.5471	* 0.5181	* 0.3553	* 0.1931		
	* 4.6099	* 4.6100	* 4.6765	* 4.9787	* 6.5706	* 11.7832		
15	* 0.3048	* 0.3130	* 0.2972	* 0.2625	* F-SUB-Q			
	* 7.3059	* 7.4374	* 7.6147	* 8.6940	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 24 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.3818	0.5021	0.6490	0.6234	0.7229	0.6010	0.5003	0.2711
	4.6041	4.6484	3.8714	3.8644	3.5757	3.7451	3.7849	5.4066
9	0.5021	0.5692	0.5523	0.7053	0.6552	0.6344	0.6257	0.3586
	4.6484	4.1820	4.1194	3.6361	3.6489	3.7097	3.8049	5.7534
10	0.6490	0.5524	0.4531	0.6077	0.7216	0.6457	0.6661	0.3716
	3.8714	4.1193	4.2313	3.8700	3.5745	3.6741	3.8488	5.7103
11	0.6234	0.7053	0.6077	0.6429	0.5924	0.6861	0.6424	0.3470
	3.8644	3.6361	3.8697	3.9578	3.9999	3.7125	3.9624	6.3096
12	0.7229	0.6552	0.7216	0.5924	0.4394	0.5547	0.4314	
	3.5757	3.6487	3.5743	3.9996	4.2794	4.2733	5.0905	
13	0.6010	0.6345	0.6458	0.6861	0.5548	0.3320	0.2419	
	3.7451	3.7086	3.6737	3.7123	4.2729	5.2196	8.6098	
14	0.5003	0.6257	0.6661	0.6425	0.4315	0.2420		
	3.7849	3.8045	3.8485	3.9621	5.0901	8.5936		
15	0.2711	0.3587	0.3717	0.3470	F-SUB-Q			
	5.4066	5.7537	5.7089	6.3089	M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 23 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6982	0.9361	1.2231	1.1599	1.3631	1.2095	1.0032	0.5511
	2.7124	2.5457	2.1028	2.1284	1.9420	1.8842	1.8820	2.7237
9	0.9361	1.1486	1.0919	1.4086	1.3263	1.2780	1.3237	0.7285
	2.5457	2.1213	2.1251	1.8653	1.8486	1.8623	1.8395	2.8883
10	1.2231	1.0920	0.8735	1.1825	1.4312	1.3240	1.4182	0.7567
	2.1028	2.1251	2.2087	2.0316	1.8819	1.8702	1.8739	2.8773
11	1.1599	1.4087	1.1827	1.2724	1.1787	1.4080	1.3410	0.7102
	2.1284	1.8653	2.0314	2.0217	2.0991	1.8869	1.9786	3.2163
12	1.3631	1.3263	1.4313	1.1788	0.8545	1.1452	0.8832	
	1.9420	1.8486	1.8818	2.0990	2.2370	2.0982	2.5941	
13	1.2095	1.2783	1.3241	1.4081	1.1454	0.6614	0.4831	
	1.8842	1.8617	1.8700	1.8868	2.0980	2.6479	4.3791	
14	1.0032	1.3239	1.4183	1.3411	0.8834	0.4831		
	1.8820	1.8393	1.8737	1.9785	2.5940	4.3723		
15	0.5511	0.7287	0.7567	0.7102	F-SUB-Q			
	2.7237	2.8885	2.8767	3.2160	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8096	* 1.0805	* 1.4349	* 1.3422	* 1.6075	* 1.3895	* 1.2057	* 0.6637
	* 2.4744	* 2.2414	* 1.8305	* 1.8790	* 1.6797	* 1.6508	* 1.6192	* 2.3560
9	* 1.0805	* 1.3423	* 1.2750	* 1.6410	* 1.5296	* 1.4530	* 1.5607	* 0.8640
	* 2.2414	* 1.8473	* 1.8571	* 1.6342	* 1.6349	* 1.6383	* 1.5807	* 2.4863
10	* 1.4349	* 1.2751	* 1.0399	* 1.3657	* 1.6562	* 1.5373	* 1.6714	* 0.8899
	* 1.8305	* 1.8570	* 1.9206	* 1.7969	* 1.6659	* 1.6487	* 1.6206	* 2.4552
11	* 1.3422	* 1.6411	* 1.3659	* 1.4690	* 1.3848	* 1.6640	* 1.5808	* 0.8438
	* 1.8790	* 1.6341	* 1.7967	* 1.7747	* 1.8301	* 1.6349	* 1.7177	* 2.7740
12	* 1.6075	* 1.5296	* 1.6563	* 1.3848	* 1.0053	* 1.3389	* 1.0464	*
	* 1.6797	* 1.6348	* 1.6658	* 1.8300	* 1.9740	* 1.8272	* 2.2428	*
13	* 1.3895	* 1.4533	* 1.5374	* 1.6641	* 1.3390	* 0.7792	* 0.5665	*
	* 1.6508	* 1.6377	* 1.6485	* 1.6348	* 1.8272	* 2.2945	* 3.7911	*
14	* 1.2057	* 1.5609	* 1.6715	* 1.5809	* 1.0466	* 0.5665	*	*
	* 1.6192	* 1.5805	* 1.6205	* 1.7176	* 2.2428	* 3.7855	*	*
15	* 0.6637	* 0.8642	* 0.8899	* 0.8438	* F-SUB-Q			
	* 2.3560	* 2.4865	* 2.4546	* 2.7737	* M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 21 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8429	* 1.1320	* 1.5422	* 1.4187	* 1.7292	* 1.4620	* 1.3002	* 0.6952
	* 2.4435	* 2.2045	* 1.7526	* 1.8277	* 1.6040	* 1.5977	* 1.5286	* 2.3022
9	* 1.1320	* 1.4446	* 1.3481	* 1.7745	* 1.6190	* 1.5280	* 1.6921	* 0.8994
	* 2.2045	* 1.7669	* 1.8074	* 1.5526	* 1.5861	* 1.5848	* 1.4919	* 2.4218
10	* 1.5422	* 1.3482	* 1.0911	* 1.4420	* 1.7919	* 1.6316	* 1.8109	* 0.9301
	* 1.7526	* 1.8073	* 1.8719	* 1.7474	* 1.5786	* 1.5902	* 1.5328	* 2.4092
11	* 1.4187	* 1.7746	* 1.4422	* 1.5972	* 1.4641	* 1.7997	* 1.7092	* 0.8771
	* 1.8277	* 1.5526	* 1.7472	* 1.6771	* 1.7703	* 1.5466	* 1.6260	* 2.7341
12	* 1.7292	* 1.6190	* 1.7920	* 1.4641	* 1.0514	* 1.4431	* 1.0861	*
	* 1.6040	* 1.5861	* 1.5785	* 1.7702	* 1.9250	* 1.7382	* 2.2125	*
13	* 1.4620	* 1.5284	* 1.6318	* 1.7997	* 1.4432	* 0.8018	* 0.5791	*
	* 1.5977	* 1.5842	* 1.5901	* 1.5466	* 1.7381	* 2.2829	* 3.7911	*
14	* 1.3002	* 1.6922	* 1.8109	* 1.7093	* 1.0863	* 0.5791	*	*
	* 1.5286	* 1.4917	* 1.5327	* 1.6260	* 2.2125	* 3.7855	*	*
15	* 0.6952	* 0.8996	* 0.9301	* 0.8771	* F-SUB-Q			
	* 2.3022	* 2.4219	* 2.4086	* 2.7339	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8465	* 1.1398	* 1.5565	* 1.4232	* 1.7431	* 1.4606	* 1.3206	* 0.7073
	* 2.5562	* 2.2828	* 1.8084	* 1.8916	* 1.6506	* 1.6536	* 1.5673	* 2.3735
9	* 1.1398	* 1.4591	* 1.3521	* 1.7949	* 1.6222	* 1.5260	* 1.7146	* 0.9079
	* 2.2828	* 1.8275	* 1.8787	* 1.5930	* 1.6414	* 1.6404	* 1.5288	* 2.4954
10	* 1.5565	* 1.3522	* 1.1002	* 1.4491	* 1.8107	* 1.6351	* 1.8291	* 0.9353
	* 1.8084	* 1.8786	* 1.9490	* 1.8076	* 1.6120	* 1.6363	* 1.5661	* 2.4782
11	* 1.4232	* 1.7949	* 1.4492	* 1.6203	* 1.4655	* 1.8138	* 1.7237	* 0.8812
	* 1.8916	* 1.5930	* 1.8075	* 1.7167	* 1.8304	* 1.5813	* 1.6617	* 2.8091
12	* 1.7431	* 1.6222	* 1.8108	* 1.4655	* 1.0532	* 1.4516	* 1.0881	*
	* 1.6506	* 1.6413	* 1.6120	* 1.8303	* 2.0019	* 1.7885	* 2.2789	*
13	* 1.4606	* 1.5264	* 1.6352	* 1.8139	* 1.4517	* 0.7977	* 0.5741	*
	* 1.6536	* 1.6397	* 1.6362	* 1.5812	* 1.7885	* 2.3702	* 3.9519	*
14	* 1.3206	* 1.7148	* 1.8292	* 1.7238	* 1.0883	* 0.5740	*	*
	* 1.5673	* 1.5287	* 1.5660	* 1.6616	* 2.2789	* 3.9464	*	*
15	* 0.7073	* 0.9081	* 0.9353	* 0.8812	* F-SUB-Q			
	* 2.3735	* 2.4955	* 2.4776	* 2.8089	* M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8451	* 1.1418	* 1.5488	* 1.4118	* 1.7295	* 1.4478	* 1.3288	* 0.7193
	* 2.7165	* 2.4061	* 1.9087	* 1.9898	* 1.7339	* 1.7484	* 1.6516	* 2.4949
9	* 1.1418	* 1.4550	* 1.3443	* 1.7847	* 1.6053	* 1.5078	* 1.7110	* 0.9134
	* 2.4061	* 1.9351	* 1.9946	* 1.6725	* 1.7271	* 1.7323	* 1.6093	* 2.6201
10	* 1.5488	* 1.3444	* 1.1018	* 1.4452	* 1.7944	* 1.6138	* 1.8114	* 0.9320
	* 1.9087	* 1.9945	* 2.0692	* 1.9049	* 1.6849	* 1.7281	* 1.6371	* 2.5978
11	* 1.4118	* 1.7847	* 1.4454	* 1.6117	* 1.4448	* 1.7901	* 1.7022	* 0.8758
	* 1.9898	* 1.6725	* 1.9047	* 1.8092	* 1.9382	* 1.6695	* 1.7532	* 2.9487
12	* 1.7295	* 1.6052	* 1.7945	* 1.4448	* 1.0428	* 1.4293	* 1.0761	*
	* 1.7339	* 1.7270	* 1.6849	* 1.9382	* 2.1310	* 1.8978	* 2.4045	*
13	* 1.4478	* 1.5081	* 1.6139	* 1.7902	* 1.4294	* 0.7855	* 0.5638	*
	* 1.7484	* 1.7316	* 1.7280	* 1.6694	* 1.8978	* 2.5148	* 4.2026	*
14	* 1.3288	* 1.7111	* 1.8115	* 1.7022	* 1.0763	* 0.5637	*	*
	* 1.6516	* 1.6092	* 1.6371	* 1.7532	* 2.4046	* 4.1967	*	*
15	* 0.7193	* 0.9135	* 0.9320	* 0.8758	* F-SUB-Q			
	* 2.4949	* 2.6202	* 2.5972	* 2.9486	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8438	1.1445	1.5625	1.4096	1.7364	1.4569	1.3739	0.7486
	2.8921	2.5424	1.9994	2.0993	1.8183	1.8386	1.7302	2.6505
9	1.1445	1.4767	1.3555	1.7980	1.6059	1.5087	1.7409	0.9150
	2.5424	2.0252	2.0929	1.7492	1.8179	1.8153	1.6796	2.7673
10	1.5625	1.3556	1.1157	1.4415	1.7989	1.6056	1.8135	0.9290
	1.9994	2.0929	2.1724	2.0035	1.7658	1.8280	1.7073	2.7296
11	1.4096	1.7980	1.4416	1.6252	1.4329	1.7822	1.6963	0.8641
	2.0993	1.7492	2.0033	1.9045	2.0587	1.7695	1.8559	3.1487
12	1.7364	1.6059	1.7989	1.4328	1.0287	1.4163	1.0541	
	1.8183	1.8179	1.7658	2.0587	2.2760	2.0132	2.5936	
13	1.4569	1.5090	1.6058	1.7822	1.4163	0.7648	0.5476	
	1.8386	1.8146	1.8279	1.7694	2.0132	2.7078	4.5390	
14	1.3739	1.7411	1.8136	1.6963	1.0542	0.5475		
	1.7302	1.6795	1.7072	1.8559	2.5937	4.5326		
15	0.7486	0.9152	0.9290	0.8641	F-SUB-Q			
	2.6505	2.7674	2.7291	3.1485	M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8507	1.1616	1.5830	1.4151	1.7472	1.4827	1.5117	0.8408
	3.1175	2.7361	2.1458	2.2595	1.9511	1.9584	1.8323	2.8089
9	1.1616	1.5095	1.3824	1.8154	1.6131	1.5352	1.7908	0.9439
	2.7361	2.1692	2.2501	1.8748	1.9531	1.9359	1.7824	2.9390
10	1.5830	1.3826	1.1972	1.4529	1.8036	1.6002	1.8259	0.9429
	2.1458	2.2500	2.3339	2.1559	1.8848	1.9506	1.8256	2.9189
11	1.4151	1.8154	1.4531	1.6445	1.4239	1.7710	1.6867	0.8598
	2.2595	1.8748	2.1557	2.0412	2.2126	1.9037	1.9938	3.3637
12	1.7472	1.6131	1.8037	1.4239	1.0214	1.3999	1.0390	
	1.9511	1.9531	1.8848	2.2126	2.4427	2.1552	2.8115	
13	1.4827	1.5355	1.6003	1.7710	1.4000	0.7497	0.5358	
	1.9584	1.9352	1.9505	1.9037	2.1551	2.9190	4.8946	
14	1.5117	1.7909	1.8260	1.6867	1.0391	0.5358		
	1.8323	1.7822	1.8256	1.9938	2.8116	4.8876		
15	0.8408	0.9441	0.9429	0.8597	F-SUB-Q			
	2.8089	2.9391	2.9183	3.3636	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8607	1.1821	1.6141	1.4276	1.7692	1.5323	1.7411	0.9342
	3.4070	2.9747	2.3093	2.4307	2.0907	2.1250	1.9775	3.0491
9	1.1821	1.5745	1.4185	1.8446	1.6293	1.5850	1.8555	0.9870
	2.9747	2.3470	2.4325	2.0079	2.0974	2.0974	1.9249	3.1902
10	1.6141	1.4186	1.3323	1.4766	1.8244	1.6030	1.8554	0.9622
	2.3093	2.4324	2.5321	2.3206	2.0227	2.1065	1.9474	3.1565
11	1.4276	1.8446	1.4768	1.6748	1.4216	1.7698	1.6867	0.8550
	2.4307	2.0079	2.3204	2.1900	2.4081	2.0619	2.1563	3.6542
12	1.7692	1.6292	1.8244	1.4215	1.0173	1.3909	1.0248	
	2.0907	2.0973	2.0226	2.4082	2.6607	2.3355	3.0700	
13	1.5323	1.5857	1.6031	1.7698	1.3910	0.7358	0.5250	
	2.1250	2.0967	2.1064	2.0619	2.3354	3.1919	5.3545	
14	1.7411	1.8556	1.8555	1.6866	1.0249	0.5250		
	1.9775	1.9248	1.9474	2.1563	3.0701	5.3468		
15	0.9342	0.9873	0.9622	0.8550	F-SUB-Q			
	3.0491	3.1904	3.1558	3.6541	M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8747	1.2067	1.6148	1.4379	1.7610	1.5775	1.8141	0.9982
	3.7532	3.2335	2.5540	2.6609	2.3134	2.3177	2.1665	3.2773
9	1.2067	1.5932	1.4284	1.8383	1.6264	1.6133	1.8736	1.0279
	3.2335	2.5872	2.6814	2.2219	2.3161	2.2865	2.1043	3.4297
10	1.6148	1.4285	1.3697	1.4864	1.8123	1.5890	1.8476	0.9870
	2.5540	2.6813	2.7820	2.5557	2.2442	2.3297	2.1506	3.3923
11	1.4379	1.8383	1.4866	1.6759	1.4073	1.7410	1.6591	0.8635
	2.6609	2.2219	2.5556	2.4294	2.6739	2.3032	2.4066	3.9695
12	1.7610	1.6264	1.8123	1.4073	1.0191	1.3639	1.0250	
	2.3134	2.3161	2.2442	2.6740	2.9648	2.6072	3.3545	
13	1.5775	1.6140	1.5891	1.7410	1.3639	0.7348	0.5253	
	2.3177	2.2857	2.3296	2.3032	2.6071	3.4873	5.8304	
14	1.8141	1.8737	1.8476	1.6591	1.0252	0.5253		
	2.1665	2.1042	2.1505	2.4066	3.3546	5.8215		
15	0.9982	1.0282	0.9870	0.8634	F-SUB-Q			
	3.2773	3.4300	3.3916	3.9694	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8738	* 1.2061	* 1.6402	* 1.4348	* 1.7834	* 1.6067	* 1.8684	* 1.0075
	* 4.0893	* 3.6239	* 2.8148	* 2.9761	* 2.5485	* 2.5455	* 2.3573	* 3.6325
9	* 1.2061	* 1.6270	* 1.4452	* 1.8661	* 1.6382	* 1.6392	* 1.9217	* 1.0391
	* 3.6239	* 2.8431	* 2.9679	* 2.4436	* 2.5653	* 2.5131	* 2.2927	* 3.7913
10	* 1.6402	* 1.4454	* 1.3898	* 1.4933	* 1.8368	* 1.5990	* 1.8746	* 0.9837
	* 2.8148	* 2.9677	* 3.0803	* 2.8411	* 2.4703	* 2.5767	* 2.3588	* 3.7880
11	* 1.4348	* 1.8661	* 1.4935	* 1.7039	* 1.4081	* 1.7527	* 1.6717	* 0.8512
	* 2.9761	* 2.4436	* 2.8408	* 2.6748	* 2.9421	* 2.5412	* 2.6498	* 4.4676
12	* 1.7834	* 1.6382	* 1.8368	* 1.4080	* 1.0085	* 1.3679	* 1.0065	
	* 2.5485	* 2.5653	* 2.4703	* 2.9421	* 3.2662	* 2.8545	* 3.7440	
13	* 1.6067	* 1.6399	* 1.5991	* 1.7527	* 1.3680	* 0.7183	* 0.5110	
	* 2.5455	* 2.5122	* 2.5766	* 2.5412	* 2.8544	* 3.9188	* 6.5699	
14	* 1.8684	* 1.9219	* 1.8746	* 1.6717	* 1.0067	* 0.5110		
	* 2.3573	* 2.2926	* 2.3588	* 2.6499	* 3.7441	* 6.5603		
15	* 1.0075	* 1.0394	* 0.9837	* 0.8512	* F-SUB-Q			
	* 3.6325	* 3.7914	* 3.7873	* 4.4675	* M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8745	* 1.2063	* 1.6386	* 1.4283	* 1.7775	* 1.6052	* 1.8724	* 1.0113
	* 4.1323	* 3.6642	* 2.9657	* 3.1668	* 2.7340	* 2.7962	* 2.6060	* 4.0090
9	* 1.2063	* 1.6289	* 1.4415	* 1.8617	* 1.6306	* 1.6365	* 1.9232	* 1.0413
	* 3.6642	* 2.9335	* 3.1356	* 2.6209	* 2.7589	* 2.7685	* 2.5440	* 4.2003
10	* 1.6386	* 1.4417	* 1.3858	* 1.4863	* 1.8304	* 1.5898	* 1.8677	* 0.9820
	* 2.9657	* 3.1354	* 3.2879	* 3.0600	* 2.6669	* 2.8252	* 2.6275	* 4.2136
11	* 1.4283	* 1.8617	* 1.4865	* 1.6998	* 1.3975	* 1.7403	* 1.6601	* 0.8460
	* 3.1668	* 2.6210	* 3.0598	* 2.7305	* 3.0110	* 2.6516	* 2.8555	* 4.9773
12	* 1.7775	* 1.6306	* 1.8304	* 1.3974	* 1.0023	* 1.3577	* 0.9984	
	* 2.7340	* 2.7589	* 2.6669	* 3.0111	* 3.3693	* 2.9566	* 3.8636	
13	* 1.6052	* 1.6372	* 1.5899	* 1.7403	* 1.3577	* 0.7127	* 0.5058	
	* 2.7962	* 2.7676	* 2.8251	* 2.6517	* 2.9565	* 4.0593	* 6.8046	
14	* 1.8724	* 1.9233	* 1.8677	* 1.6601	* 0.9985	* 0.5058		
	* 2.6060	* 2.5438	* 2.6275	* 2.8555	* 3.8637	* 6.7946		
15	* 1.0113	* 1.0416	* 0.9820	* 0.8460	* F-SUB-Q			
	* 4.0090	* 4.2005	* 4.2129	* 4.9773	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8814	1.2078	1.6152	1.4207	1.7480	1.5835	1.8437	1.0127
	4.1679	3.6314	2.8863	3.0637	2.6663	2.7197	2.5393	3.8503
9	1.2078	1.6079	1.4223	1.8316	1.6073	1.6142	1.8928	1.0389
	3.6314	2.9118	3.0492	2.5554	2.6852	2.6932	2.4801	4.0411
10	1.6152	1.4225	1.3664	1.4690	1.7996	1.5657	1.8351	0.9819
	2.8863	3.0491	3.2050	2.9755	2.6231	2.7917	2.5778	4.0504
11	1.4207	1.8316	1.4692	1.6726	1.3783	1.7092	1.6294	0.8451
	3.0637	2.5554	2.9754	2.7947	3.0771	2.7175	2.9277	4.8272
12	1.7480	1.6072	1.7996	1.3782	1.0045	1.3371	0.9977	
	2.6663	2.6853	2.6231	3.0772	3.4464	3.0318	3.8956	
13	1.5835	1.6148	1.5658	1.7092	1.3372	0.7182	0.5076	
	2.7197	2.6923	2.7916	2.7176	3.0318	4.0909	6.8453	
14	1.8437	1.8929	1.8351	1.6294	0.9979	0.5076		
	2.5393	2.4800	2.5778	2.9278	3.8957	6.8343		
15	1.0127	1.0392	0.9819	0.8450	F-SUB-Q			
	3.8503	4.0413	4.0497	4.8272	M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8814	1.1921	1.6183	1.4004	1.7477	1.5741	1.8464	0.9933
	4.1246	3.5544	2.7826	2.9932	2.5754	2.6425	2.4491	3.7859
9	1.1921	1.6156	1.4177	1.8356	1.5989	1.6061	1.8963	1.0237
	3.5544	2.8003	2.9553	2.4629	2.6069	2.6142	2.3910	3.9630
10	1.6183	1.4178	1.3607	1.4577	1.8045	1.5571	1.8382	0.9621
	2.7826	2.9551	3.1088	2.8910	2.5266	2.7107	2.4852	3.9933
11	1.4004	1.8356	1.4579	1.6806	1.3730	1.7127	1.6336	0.8269
	2.9932	2.4630	2.8907	2.7252	3.0680	2.6968	2.8243	4.7656
12	1.7477	1.5988	1.8045	1.3730	1.0012	1.3438	0.9803	
	2.5754	2.6070	2.5266	3.0681	3.4328	3.0039	3.9335	
13	1.5741	1.6067	1.5572	1.7126	1.3438	0.7113	0.4965	
	2.6425	2.6133	2.7106	2.6969	3.0038	4.1217	6.8481	
14	1.8464	1.8964	1.8382	1.6335	0.9804	0.4966		
	2.4491	2.3909	2.4852	2.8244	3.9336	6.8378		
15	0.9933	1.0240	0.9620	0.8268	F-SUB-Q			
	3.7859	3.9632	3.9926	4.7657	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8799	1.1827	1.6094	1.3870	1.7341	1.5569	1.8316	0.9807
	3.6978	3.3041	2.6584	2.8757	2.4755	2.5537	2.3635	3.6558
9	1.1827	1.6095	1.4064	1.8241	1.5837	1.5897	1.8819	1.0118
	3.3041	2.6464	2.8277	2.3634	2.5088	2.5250	2.3073	3.8229
10	1.6094	1.4066	1.3489	1.4446	1.7942	1.5418	1.8252	0.9477
	2.6584	2.8275	2.9775	2.7771	2.4254	2.6158	2.3953	3.8627
11	1.3870	1.8241	1.4448	1.6739	1.3636	1.7030	1.6244	0.8158
	2.8757	2.3634	2.7769	2.5070	2.7894	2.4582	2.6422	4.5928
12	1.7341	1.5836	1.7942	1.3635	0.9980	1.3409	0.9708	
	2.4755	2.5088	2.4254	2.7895	3.1025	2.7140	3.5690	
13	1.5569	1.5904	1.5419	1.7029	1.3410	0.7099	0.4922	
	2.5537	2.5241	2.6158	2.4582	2.7140	3.7274	6.2075	
14	1.8316	1.8819	1.8252	1.6244	0.9709	0.4922		
	2.3635	2.3072	2.3954	2.6423	3.5691	6.1981		
15	0.9807	1.0120	0.9477	0.8157	F-SUB-Q			
	3.6558	3.8231	3.8620	4.5929	M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.8797	1.1797	1.5976	1.3740	1.7174	1.5388	1.8116	0.9719
	3.3308	2.9650	2.3673	2.5753	2.2258	2.3095	2.1397	3.2862
9	1.1797	1.6005	1.3944	1.8089	1.5691	1.5723	1.8619	1.0034
	2.9650	2.3624	2.5187	2.1192	2.2528	2.2809	2.0871	3.4322
10	1.5976	1.3946	1.3375	1.4317	1.7801	1.5260	1.8075	0.9427
	2.3673	2.5185	2.6494	2.4825	2.1713	2.3522	2.1561	3.4481
11	1.3740	1.8088	1.4319	1.6635	1.3541	1.6900	1.6115	0.8119
	2.5753	2.1193	2.4823	2.2646	2.5274	2.2260	2.3902	4.0738
12	1.7174	1.5690	1.7801	1.3540	0.9965	1.3353	0.9694	
	2.2258	2.2528	2.1713	2.5275	2.8169	2.4641	3.2246	
13	1.5388	1.5729	1.5260	1.6899	1.3353	0.7119	0.4923	
	2.3095	2.2802	2.3521	2.2261	2.4641	3.3748	5.6342	
14	1.8116	1.8620	1.8075	1.6114	0.9696	0.4923		
	2.1397	2.0870	2.1561	2.3903	3.2246	5.6255		
15	0.9719	1.0037	0.9426	0.8118	F-SUB-Q			
	3.2862	3.4323	3.4476	4.0739	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8868	* 1.1867	* 1.5828	* 1.3738	* 1.6969	* 1.5207	* 1.7856	* 0.9729
	* 3.2073	* 2.8410	* 2.2938	* 2.4877	* 2.1643	* 2.2482	* 2.0877	* 3.1668
9	* 1.1867	* 1.5876	* 1.3831	* 1.7886	* 1.5552	* 1.5546	* 1.8355	* 1.0015
	* 2.8410	* 2.2859	* 2.4393	* 2.0587	* 2.1854	* 2.2186	* 2.0356	* 3.3114
10	* 1.5828	* 1.3832	* 1.3270	* 1.4253	* 1.7615	* 1.5113	* 1.7847	* 0.9452
	* 2.2938	* 2.4392	* 2.5656	* 2.4037	* 2.1072	* 2.2819	* 2.0976	* 3.3104
11	* 1.3738	* 1.7886	* 1.4254	* 1.6490	* 1.3475	* 1.6747	* 1.5954	* 0.8162
	* 2.4877	* 2.0587	* 2.4035	* 2.2137	* 2.4663	* 2.1784	* 2.3321	* 3.8967
12	* 1.6969	* 1.5552	* 1.7614	* 1.3474	* 1.0042	* 1.3297	* 0.9792	
	* 2.1643	* 2.1855	* 2.1072	* 2.4664	* 2.7500	* 2.4116	* 3.1066	
13	* 1.5207	* 1.5552	* 1.5113	* 1.6746	* 1.3298	* 0.7240	* 0.5005	
	* 2.2482	* 2.2179	* 2.2818	* 2.1784	* 2.4116	* 3.2513	* 5.4227	
14	* 1.7856	* 1.8356	* 1.7846	* 1.5953	* 0.9793	* 0.5007		
	* 2.0877	* 2.0355	* 2.0977	* 2.3322	* 3.1066	* 5.4133		
15	* 0.9729	* 1.0018	* 0.9452	* 0.8162	* F-SUB-Q			
	* 3.1668	* 3.3116	* 3.3099	* 3.8968	* M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.8898	* 1.1836	* 1.6049	* 1.3680	* 1.7150	* 1.5245	* 1.8029	* 0.9593
	* 2.8770	* 2.5544	* 2.0393	* 2.2427	* 1.9317	* 2.0247	* 1.8662	* 2.8982
9	* 1.1836	* 1.6158	* 1.3945	* 1.8126	* 1.5657	* 1.5608	* 1.8554	* 0.9930
	* 2.5544	* 2.0238	* 2.1816	* 1.8320	* 1.9608	* 1.9946	* 1.8173	* 3.0177
10	* 1.6049	* 1.3947	* 1.3385	* 1.4303	* 1.7896	* 1.5241	* 1.8088	* 0.9316
	* 2.0393	* 2.1814	* 2.2941	* 2.1527	* 1.8701	* 2.0446	* 1.8661	* 3.0334
11	* 1.3680	* 1.8126	* 1.4305	* 1.6823	* 1.3637	* 1.7058	* 1.6249	* 0.8066
	* 2.2427	* 1.8320	* 2.1526	* 1.9506	* 2.1948	* 1.9256	* 2.0634	* 3.5579
12	* 1.7150	* 1.5656	* 1.7895	* 1.3635	* 1.0103	* 1.3627	* 0.9776	
	* 1.9317	* 1.9608	* 1.8701	* 2.1949	* 2.4654	* 2.1517	* 2.8237	
13	* 1.5245	* 1.5615	* 1.5242	* 1.7057	* 1.3627	* 0.7288	* 0.5005	
	* 2.0247	* 1.9939	* 2.0446	* 1.9257	* 2.1516	* 2.9830	* 4.9895	
14	* 1.8029	* 1.8555	* 1.8088	* 1.6249	* 0.9777	* 0.5005		
	* 1.8662	* 1.8172	* 1.8661	* 2.0635	* 2.8238	* 4.9818		
15	* 0.9593	* 0.9933	* 0.9316	* 0.8065	* F-SUB-Q			
	* 2.8982	* 3.0178	* 3.0328	* 3.5581	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9167	* 1.1995	* 1.6178	* 1.3724	* 1.7212	* 1.5251	* 1.8053	* 0.9585
	* 2.5932	* 2.3161	* 1.8529	* 2.0493	* 1.7636	* 1.8557	* 1.7081	* 2.6629
9	* 1.1995	* 1.6369	* 1.4038	* 1.8237	* 1.5737	* 1.5632	* 1.8595	* 0.9938
	* 2.3161	* 1.8292	* 1.9860	* 1.6692	* 1.7888	* 1.8258	* 1.6617	* 2.7678
10	* 1.6178	* 1.4039	* 1.3491	* 1.4396	* 1.8050	* 1.5379	* 1.8192	* 0.9334
	* 1.8529	* 1.9859	* 2.0864	* 1.9602	* 1.6983	* 1.8545	* 1.6994	* 2.7784
11	* 1.3724	* 1.8237	* 1.4397	* 1.7071	* 1.3867	* 1.7313	* 1.6458	* 0.8117
	* 2.0493	* 1.6692	* 1.9600	* 1.7744	* 1.9976	* 1.7502	* 1.8664	* 3.2428
12	* 1.7212	* 1.5736	* 1.8050	* 1.3866	* 1.0438	* 1.4045	* 0.9988	*
	* 1.7636	* 1.7889	* 1.6983	* 1.9977	* 2.2133	* 1.9324	* 2.5618	*
13	* 1.5251	* 1.5638	* 1.5379	* 1.7312	* 1.4046	* 0.7640	* 0.5166	*
	* 1.8557	* 1.8252	* 1.8545	* 1.7503	* 1.9324	* 2.6785	* 4.5066	*
14	* 1.8053	* 1.8595	* 1.8191	* 1.6457	* 0.9990	* 0.5167	*	*
	* 1.7081	* 1.6616	* 1.6995	* 1.8665	* 2.5619	* 4.4997	*	*
15	* 0.9585	* 0.9941	* 0.9334	* 0.8116	* F-SUB-Q			
	* 2.6629	* 2.7679	* 2.7780	* 3.2429	* M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 5 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.0060	* 1.2323	* 1.6118	* 1.3827	* 1.7056	* 1.5172	* 1.7831	* 0.9690
	* 2.3929	* 2.1009	* 1.7309	* 1.9036	* 1.6565	* 1.7375	* 1.6098	* 2.4608
9	* 1.2323	* 1.6410	* 1.4043	* 1.8106	* 1.5723	* 1.5553	* 1.8372	* 1.0007
	* 2.1009	* 1.6979	* 1.8490	* 1.5669	* 1.6671	* 1.7090	* 1.5652	* 2.5635
10	* 1.6118	* 1.4045	* 1.3525	* 1.4476	* 1.7955	* 1.5429	* 1.8046	* 0.9477
	* 1.7309	* 1.8489	* 1.9394	* 1.8218	* 1.5889	* 1.7202	* 1.5940	* 2.5522
11	* 1.3827	* 1.8106	* 1.4477	* 1.7126	* 1.4120	* 1.7402	* 1.6468	* 0.8293
	* 1.9036	* 1.5669	* 1.8217	* 1.6440	* 1.8419	* 1.6223	* 1.7357	* 2.9599
12	* 1.7056	* 1.5722	* 1.7954	* 1.4118	* 1.1444	* 1.4580	* 1.0415	*
	* 1.6565	* 1.6672	* 1.5889	* 1.8420	* 2.0665	* 1.8128	* 2.3328	*
13	* 1.5172	* 1.5560	* 1.5429	* 1.7401	* 1.4580	* 0.8517	* 0.5500	*
	* 1.7375	* 1.7084	* 1.7202	* 1.6224	* 1.8128	* 2.4429	* 4.1061	*
14	* 1.7831	* 1.8373	* 1.8046	* 1.6467	* 1.0416	* 0.5501	*	*
	* 1.6098	* 1.5651	* 1.5940	* 1.7358	* 2.3328	* 4.0996	*	*
15	* 0.9690	* 1.0010	* 0.9476	* 0.8292	* F-SUB-Q			
	* 2.4608	* 2.5636	* 2.5519	* 2.9600	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0780	1.2321	1.6208	1.3665	1.7064	1.5144	1.7811	0.9484
	2.2231	1.9918	1.6257	1.8112	1.5635	1.6447	1.5218	2.3748
9	1.2321	1.6640	1.4111	1.8167	1.5752	1.5533	1.8372	0.9856
	1.9918	1.5815	1.7388	1.4747	1.5719	1.6166	1.4781	2.4625
10	1.6208	1.4112	1.3620	1.4466	1.8054	1.5558	1.8116	0.9292
	1.6257	1.7387	1.8209	1.7163	1.4923	1.6113	1.4994	2.4626
11	1.3665	1.8167	1.4468	1.7432	1.4405	1.7771	1.6676	0.8175
	1.8112	1.4747	1.7162	1.5369	1.7224	1.5118	1.6239	2.8420
12	1.7064	1.5751	1.8054	1.4403	1.2497	1.5465	1.0501	
	1.5635	1.5719	1.4923	1.7225	1.9170	1.6790	2.2082	
13	1.5144	1.5539	1.5558	1.7771	1.5465	0.9158	0.5611	
	1.6447	1.6160	1.6113	1.5118	1.6789	2.3193	3.9039	
14	1.7811	1.8373	1.8116	1.6675	1.0503	0.5611		
	1.5218	1.4780	1.4994	1.6240	2.2082	3.8980		
15	0.9484	0.9859	0.9291	0.8174	F-SUB-Q			
	2.3748	2.4626	2.4622	2.8420	M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0727	1.1940	1.5429	1.3054	1.6163	1.4489	1.6836	0.9020
	2.1949	1.9647	1.6345	1.8152	1.5793	1.6465	1.5411	2.3961
9	1.1940	1.5926	1.3577	1.7227	1.5101	1.4884	1.7357	0.9371
	1.9647	1.5806	1.7311	1.4878	1.5693	1.6144	1.4973	2.4851
10	1.5429	1.3578	1.3151	1.3908	1.7141	1.4976	1.7177	0.8829
	1.6345	1.7310	1.8074	1.7092	1.5038	1.6025	1.5138	2.4872
11	1.3054	1.7227	1.3910	1.6668	1.3977	1.7059	1.5895	0.7822
	1.8152	1.4878	1.7091	1.5441	1.7113	1.5168	1.6317	2.8513
12	1.6163	1.5100	1.7141	1.3976	1.2598	1.5199	1.0205	
	1.5793	1.5693	1.5038	1.7114	1.8908	1.6776	2.2030	
13	1.4489	1.4890	1.4976	1.7058	1.5199	0.9202	0.5536	
	1.6465	1.6138	1.6025	1.5168	1.6776	2.2884	3.8663	
14	1.6836	1.7358	1.7177	1.5894	1.0206	0.5536		
	1.5411	1.4972	1.5138	1.6317	2.2031	3.8606		
15	0.9020	0.9374	0.8829	0.7822	F-SUB-Q			
	2.3961	2.4852	2.4868	2.8514	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-1 (CONTINUED)

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

AT 50% POWER, 485 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9406	1.0340	1.2951	1.1151	1.3444	1.2413	1.4022	0.7672
	2.4294	2.1966	1.8816	2.0545	1.8346	1.8579	1.7881	2.7323
9	1.0340	1.3428	1.1540	1.4502	1.2950	1.2787	1.4453	0.7933
	2.1966	1.8101	1.9698	1.7053	1.7688	1.8178	1.7380	2.8456
10	1.2951	1.1541	1.1184	1.1998	1.4475	1.2832	1.4343	0.7426
	1.8816	1.9697	2.0559	1.9161	1.7179	1.8089	1.7528	2.8664
11	1.1151	1.4502	1.2000	1.4121	1.1868	1.4298	1.3344	0.6628
	2.0545	1.7053	1.9159	1.7595	1.9464	1.7480	1.8788	3.2661
12	1.3444	1.2949	1.4475	1.1867	1.0879	1.2938	0.8730	
	1.8346	1.7688	1.7179	1.9465	2.1454	1.9290	2.5053	
13	1.2413	1.2792	1.2833	1.4297	1.2939	0.7976	0.4812	
	1.8579	1.8174	1.8089	1.7481	1.9289	2.5983	4.3702	
14	1.4022	1.4454	1.4342	1.3343	0.8732	0.4811		
	1.7881	1.7379	1.7528	1.8788	2.5054	4.3645		
15	0.7672	0.7935	0.7425	0.6627	F-SUB-Q			
	2.7323	2.8457	2.8660	3.2661	M-SUB-Q			

AT 50% POWER, 485 EFPD, THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.4830	0.5249	0.6334	0.5645	0.6562	0.5710	0.6247	0.3593
	4.6072	4.2081	3.7392	3.9429	3.6499	3.9163	3.8927	5.6764
9	0.5249	0.6108	0.5471	0.6618	0.5980	0.5839	0.6253	0.3679
	4.2081	3.8608	4.0338	3.6193	3.7108	3.8590	3.8916	5.9671
10	0.6334	0.5471	0.5326	0.5788	0.6658	0.5848	0.6195	0.3491
	3.7392	4.0336	4.1915	3.8532	3.6150	3.8343	3.9315	5.9312
11	0.5645	0.6618	0.5788	0.6502	0.5625	0.6446	0.5880	0.3101
	3.9429	3.6193	3.8531	3.7005	3.9837	3.7598	4.1427	6.7999
12	0.6562	0.5980	0.6658	0.5625	0.5170	0.5780	0.4082	
	3.6499	3.7107	3.6150	3.9838	4.3859	4.1976	5.2128	
13	0.5710	0.5840	0.5849	0.6446	0.5780	0.3811	0.2333	
	3.9163	3.8583	3.8342	3.7598	4.1975	5.3199	8.8289	
14	0.6247	0.6253	0.6195	0.5880	0.4083	0.2333		
	3.8927	3.8914	3.9315	4.1427	5.2130	8.8134		
15	0.3593	0.3680	0.3491	0.3101	F-SUB-Q			
	5.6764	5.9678	5.9303	6.7999	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 3.7957	* 3.7099	* 2.9747	* 3.6733	* 2.9097	* 3.6848	* 3.3336	* 5.9130
	* 4.7811	* 4.6945	* 3.9315	* 4.5938	* 3.8498	* 4.6153	* 4.3537	* 7.2961
	* 5.0973	* 5.0229	* 4.3425	* 4.8540	* 4.2377	* 4.8607	* 4.6980	* 7.6463
	* 4.8632	* 4.8237	* 4.3070	* 4.6273	* 4.2034	* 4.6262	* 4.6009	* 7.2307
	* 4.3307	* 4.3485	* 3.9560	* 4.1681	* 3.8721	* 4.1652	* 4.2501	* 6.4496
	* 3.9023	* 3.9840	* 3.7073	* 3.8364	* 3.6441	* 3.8376	* 3.9783	* 5.8347
	* 3.1547	* 3.3271	* 3.1995	* 3.2712	* 3.1914	* 3.3060	* 3.5035	* 4.8681

9	* 3.7099	* 3.0345	* 3.7042	* 3.0076	* 3.5866	* 3.7299	* 3.3389	* 5.9544
	* 4.6945	* 4.0077	* 4.6589	* 3.9330	* 4.4639	* 4.6195	* 4.3664	* 7.3523
	* 5.0229	* 4.4513	* 4.9492	* 4.3048	* 4.6958	* 4.8466	* 4.7166	* 7.7128
	* 4.8237	* 4.4260	* 4.7293	* 4.2582	* 4.4655	* 4.6003	* 4.6206	* 7.3053
	* 4.3485	* 4.0689	* 4.2560	* 3.9079	* 4.0090	* 4.1363	* 4.2646	* 6.5191
	* 3.9840	* 3.8052	* 3.9048	* 3.6668	* 3.6800	* 3.8029	* 3.9909	* 5.9239
	* 3.3271	* 3.2533	* 3.3045	* 3.1925	* 3.1616	* 3.2744	* 3.5102	* 4.9521

10	* 2.9747	* 3.7041	* 3.9315	* 3.6746	* 3.0424	* 3.7403	* 3.4225	* 6.0627
	* 3.9315	* 4.6588	* 4.9243	* 4.5828	* 3.9714	* 4.6442	* 4.4576	* 7.4733
	* 4.3425	* 4.9490	* 5.1899	* 4.8231	* 4.3136	* 4.8610	* 4.7899	* 7.8268
	* 4.3070	* 4.7291	* 4.9105	* 4.5743	* 4.2538	* 4.5967	* 4.6660	* 7.3920
	* 3.9560	* 4.2558	* 4.3801	* 4.0940	* 3.8923	* 4.1076	* 4.2914	* 6.5853
	* 3.7073	* 3.9047	* 3.9922	* 3.7478	* 3.6483	* 3.7565	* 3.9988	* 5.9815
	* 3.1995	* 3.3044	* 3.3640	* 3.2005	* 3.1826	* 3.2287	* 3.5098	* 4.9915

11	* 3.6733	* 3.0074	* 3.6742	* 3.1322	* 3.8715	* 3.1781	* 3.6125	* 6.8836
	* 4.5938	* 3.9328	* 4.5822	* 4.1050	* 4.8119	* 4.1469	* 4.6735	* 8.4724
	* 4.8540	* 4.3047	* 4.8225	* 4.4362	* 5.0375	* 4.4962	* 4.9828	* 8.8486
	* 4.6273	* 4.2580	* 4.5738	* 4.3461	* 4.7438	* 4.4095	* 4.8023	* 8.3174
	* 4.1681	* 3.9077	* 4.0936	* 3.9563	* 4.2141	* 4.0189	* 4.3696	* 7.3589
	* 3.8364	* 3.6666	* 3.7475	* 3.6820	* 3.8325	* 3.7422	* 4.0690	* 6.6410
	* 3.2712	* 3.1924	* 3.2003	* 3.1958	* 3.2531	* 3.2577	* 3.5932	* 5.4952

12	* 2.9097	* 3.5863	* 3.0420	* 3.8710	* 4.1793	* 3.5623	* 4.8450	*
	* 3.8498	* 4.4636	* 3.9710	* 4.8112	* 5.1621	* 4.6227	* 6.0653	*
	* 4.2377	* 4.6955	* 4.3132	* 5.0369	* 5.3650	* 4.9228	* 6.4216	*
	* 4.2034	* 4.4652	* 4.2535	* 4.7434	* 5.0089	* 4.7280	* 6.1030	*
	* 3.8721	* 4.0087	* 3.8921	* 4.2139	* 4.4021	* 4.2837	* 5.4549	*
	* 3.6441	* 3.6799	* 3.6481	* 3.8323	* 3.9517	* 3.9672	* 4.9732	*
	* 3.1914	* 3.1614	* 3.1825	* 3.2530	* 3.2827	* 3.4271	* 4.2037	*

13	* 3.6848	* 3.7289	* 3.7395	* 3.1776	* 3.5616	* 5.0205	* 8.8083	*
	* 4.6153	* 4.6182	* 4.6432	* 4.1463	* 4.6219	* 6.2788	*10.9724	*
	* 4.8607	* 4.8455	* 4.8602	* 4.4957	* 4.9221	* 6.6205	*11.4139	*
	* 4.6262	* 4.5993	* 4.5960	* 4.4091	* 4.7275	* 6.2393	*10.5605	*
	* 4.1652	* 4.1354	* 4.1071	* 4.0185	* 4.2833	* 5.5033	* 9.1202	*
	* 3.8376	* 3.8022	* 3.7561	* 3.7420	* 3.9668	* 4.9446	* 7.9981	*
	* 3.3060	* 3.2738	* 3.2285	* 3.2575	* 3.4268	* 4.0716	* 6.2803	*

14	* 3.3336	* 3.3382	* 3.4218	* 3.6117	* 4.8434	* 8.8034	*	*
	* 4.3537	* 4.3656	* 4.4567	* 4.6726	* 6.0635	*10.9656	*	*
	* 4.6980	* 4.7159	* 4.7891	* 4.9820	* 6.4198	*11.4034	*	*
	* 4.6009	* 4.6200	* 4.6654	* 4.8016	* 6.1015	*10.5508	*	*
	* 4.2501	* 4.2641	* 4.2909	* 4.3691	* 5.4537	* 9.1127	*	*
	* 3.9783	* 3.9905	* 3.9985	* 4.0686	* 4.9721	* 7.9916	*	*
	* 3.5035	* 3.5099	* 3.5096	* 3.5929	* 4.2031	* 6.2758	*	*

15	* 5.9130	* 5.9531	* 6.0608	* 6.8821	* 4 EFPD	118 % POWER		
	* 7.2961	* 7.3508	* 7.4712	* 8.4707	* 75 EFPD	118 % POWER		
	* 7.6463	* 7.7114	* 7.8249	* 8.8471	* 150 EFPD	118 % POWER		
	* 7.2307	* 7.3041	* 7.3905	* 8.3163	* 225 EFPD	118 % POWER		
	* 6.4496	* 6.5183	* 6.5842	* 7.3582	* 300 EFPD	118 % POWER		
	* 5.8347	* 5.9232	* 5.9808	* 6.6405	* 375 EFPD	118 % POWER		
	* 4.8681	* 4.9517	* 4.9910	* 5.4949	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 1.9581	* 1.8623	* 1.4513	* 1.8711	* 1.4464	* 1.6966	* 1.4635	* 2.7272
	* 2.4113	* 2.2830	* 1.8715	* 2.2735	* 1.8567	* 2.0718	* 1.8694	* 3.2541
	* 2.5906	* 2.4478	* 2.0761	* 2.3943	* 2.0431	* 2.1832	* 2.0376	* 3.4053
	* 2.5461	* 2.4082	* 2.1105	* 2.3279	* 2.0715	* 2.1287	* 2.0516	* 3.2855
	* 2.3770	* 2.2575	* 2.0217	* 2.1716	* 1.9830	* 1.9957	* 1.9785	* 3.0396
	* 2.2680	* 2.1705	* 1.9923	* 2.0910	* 1.9586	* 1.9303	* 1.9481	* 2.8827
	* 2.0817	* 2.0298	* 1.9095	* 1.9741	* 1.8888	* 1.8307	* 1.8854	* 2.6462

9	* 1.8623	* 1.3773	* 1.7454	* 1.4466	* 1.6819	* 1.7024	* 1.4265	* 2.7653
	* 2.2830	* 1.7708	* 2.1298	* 1.8282	* 2.0272	* 2.0582	* 1.8295	* 3.2962
	* 2.4478	* 1.9778	* 2.2699	* 2.0006	* 2.1301	* 2.1695	* 1.9958	* 3.4479
	* 2.4082	* 2.0213	* 2.2224	* 2.0124	* 2.0698	* 2.1131	* 2.0091	* 3.3271
	* 2.2575	* 1.9418	* 2.0822	* 1.9132	* 1.9311	* 1.9789	* 1.9351	* 3.0730
	* 2.1705	* 1.9133	* 2.0051	* 1.8749	* 1.8585	* 1.9129	* 1.9061	* 2.9198
	* 2.0298	* 1.8272	* 1.8861	* 1.7900	* 1.7549	* 1.8143	* 1.8389	* 2.6804

10	* 1.4513	* 1.7454	* 1.8283	* 1.7957	* 1.4869	* 1.7260	* 1.4496	* 2.8076
	* 1.8715	* 2.1298	* 2.2350	* 2.1677	* 1.8758	* 2.0795	* 1.8551	* 3.3483
	* 2.0761	* 2.2698	* 2.3778	* 2.2795	* 2.0354	* 2.1783	* 2.0158	* 3.5020
	* 2.1105	* 2.2223	* 2.3171	* 2.2080	* 2.0399	* 2.1064	* 2.0199	* 3.3765
	* 2.0217	* 2.0822	* 2.1543	* 2.0520	* 1.9304	* 1.9560	* 1.9399	* 3.1198
	* 1.9923	* 2.0050	* 2.0622	* 1.9664	* 1.8867	* 1.8762	* 1.9042	* 2.9692
	* 1.9095	* 1.8861	* 1.9298	* 1.8477	* 1.7926	* 1.7633	* 1.8335	* 2.7224

11	* 1.8711	* 1.4465	* 1.7954	* 1.5297	* 1.8369	* 1.4234	* 1.5638	* 3.0843
	* 2.2735	* 1.8282	* 2.1674	* 1.9394	* 2.2124	* 1.8135	* 1.9777	* 3.6937
	* 2.3943	* 2.0006	* 2.2792	* 2.0976	* 2.3153	* 1.9828	* 2.1276	* 3.8680
	* 2.3279	* 2.0123	* 2.2077	* 2.0904	* 2.2313	* 1.9942	* 2.1049	* 3.7224
	* 2.1716	* 1.9131	* 2.0518	* 1.9673	* 2.0624	* 1.8962	* 1.9986	* 3.4236
	* 2.0910	* 1.8748	* 1.9662	* 1.9095	* 1.9684	* 1.8563	* 1.9622	* 3.2422
	* 1.9741	* 1.7900	* 1.8475	* 1.8065	* 1.8389	* 1.7734	* 1.8989	* 2.9648

12	* 1.4464	* 1.6818	* 1.4868	* 1.8367	* 1.9285	* 1.5318	* 2.1729	*
	* 1.8567	* 2.0271	* 1.8756	* 2.2121	* 2.3326	* 1.9537	* 2.6524	*
	* 2.0431	* 2.1300	* 2.0352	* 2.3151	* 2.4457	* 2.1096	* 2.8204	*
	* 2.0715	* 2.0697	* 2.0397	* 2.2311	* 2.3516	* 2.0910	* 2.7475	*
	* 1.9830	* 1.9310	* 1.9303	* 2.0623	* 2.1633	* 1.9825	* 2.5556	*
	* 1.9586	* 1.8584	* 1.8866	* 1.9682	* 2.0513	* 1.9368	* 2.4471	*
	* 1.8888	* 1.7549	* 1.7926	* 1.8389	* 1.8945	* 1.8456	* 2.2770	*

13	* 1.6966	* 1.7018	* 1.7257	* 1.4232	* 1.5316	* 2.2237	* 3.9490	*
	* 2.0718	* 2.0575	* 2.0790	* 1.8133	* 1.9535	* 2.7378	* 4.8123	*
	* 2.1832	* 2.1689	* 2.1779	* 1.9826	* 2.1094	* 2.9213	* 5.0412	*
	* 2.1287	* 2.1126	* 2.1060	* 1.9940	* 2.0908	* 2.8402	* 4.7908	*
	* 1.9957	* 1.9782	* 1.9557	* 1.8961	* 1.9824	* 2.6214	* 4.3145	*
	* 1.9303	* 1.9122	* 1.8760	* 1.8562	* 1.9367	* 2.4844	* 3.9808	*
	* 1.8307	* 1.8139	* 1.7632	* 1.7734	* 1.8456	* 2.2729	* 3.4946	*

14	* 1.4635	* 1.4262	* 1.4493	* 1.5635	* 2.1723	* 3.9494	*	*
	* 1.8694	* 1.8291	* 1.8548	* 1.9774	* 2.6517	* 4.8123	*	*
	* 2.0376	* 1.9956	* 2.0155	* 2.1273	* 2.8198	* 5.0395	*	*
	* 2.0516	* 2.0088	* 2.0196	* 2.1046	* 2.7469	* 4.7891	*	*
	* 1.9785	* 1.9348	* 1.9397	* 1.9985	* 2.5551	* 4.3128	*	*
	* 1.9481	* 1.9059	* 1.9040	* 1.9621	* 2.4467	* 3.9792	*	*
	* 1.8854	* 1.8387	* 1.8333	* 1.8988	* 2.2767	* 3.4930	*	*

15	* 2.7272	* 2.7646	* 2.8067	* 3.0837	* 4 EFPD	118 % POWER		
	* 3.2541	* 3.2954	* 3.3474	* 3.6930	* 75 EFPD	118 % POWER		
	* 3.4053	* 3.4471	* 3.5012	* 3.8674	* 150 EFPD	118 % POWER		
	* 3.2855	* 3.3265	* 3.3758	* 3.7219	* 225 EFPD	118 % POWER		
	* 3.0396	* 3.0726	* 3.1192	* 3.4233	* 300 EFPD	118 % POWER		
	* 2.8827	* 2.9194	* 2.9688	* 3.2420	* 375 EFPD	118 % POWER		
	* 2.6462	* 2.6802	* 2.7222	* 2.9647	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 1.7473	* 1.6929	* 1.5090	* 1.7164	* 1.6149	* 1.5430	* 1.4400	* 2.5193
	* 2.0693	* 1.9609	* 1.7380	* 1.9620	* 1.8167	* 1.7706	* 1.7087	* 2.8229
	* 2.1994	* 2.0583	* 1.8174	* 2.0263	* 1.8294	* 1.8285	* 1.7852	* 2.8690
	* 2.1789	* 2.0292	* 1.7941	* 1.9611	* 1.7801	* 1.7814	* 1.7482	* 2.7491
	* 2.0724	* 1.9321	* 1.7124	* 1.8459	* 1.6811	* 1.6906	* 1.6755	* 2.5613
	* 2.0238	* 1.8961	* 1.7034	* 1.8071	* 1.6681	* 1.6654	* 1.6600	* 2.4568
	* 1.9410	* 1.8387	* 1.6862	* 1.7654	* 1.6507	* 1.6379	* 1.6447	* 2.3233

9	* 1.6929	* 1.4520	* 1.5535	* 1.4648	* 1.5461	* 1.5127	* 1.4272	* 2.6283
	* 1.9609	* 1.6923	* 1.7965	* 1.7143	* 1.7669	* 1.7492	* 1.6934	* 2.9189
	* 2.0583	* 1.7675	* 1.8798	* 1.8153	* 1.8079	* 1.8106	* 1.7656	* 2.9460
	* 2.0292	* 1.7521	* 1.8422	* 1.7718	* 1.7457	* 1.7657	* 1.7246	* 2.8074
	* 1.9321	* 1.6699	* 1.7496	* 1.6640	* 1.6413	* 1.6759	* 1.6487	* 2.5991
	* 1.8961	* 1.6559	* 1.7175	* 1.6306	* 1.6036	* 1.6497	* 1.6284	* 2.4927
	* 1.8387	* 1.6220	* 1.6760	* 1.5882	* 1.5670	* 1.6205	* 1.6047	* 2.3480

10	* 1.5090	* 1.5534	* 1.5651	* 1.6231	* 1.4475	* 1.5435	* 1.4082	* 2.5681
	* 1.7380	* 1.7964	* 1.8473	* 1.8837	* 1.7329	* 1.7769	* 1.6786	* 2.8936
	* 1.8174	* 1.8797	* 1.9479	* 1.9381	* 1.8260	* 1.8310	* 1.7621	* 2.9390
	* 1.7941	* 1.8421	* 1.9142	* 1.8717	* 1.8065	* 1.7708	* 1.7197	* 2.8086
	* 1.7124	* 1.7496	* 1.8092	* 1.7544	* 1.6831	* 1.6621	* 1.6436	* 2.6075
	* 1.7034	* 1.7175	* 1.7662	* 1.7067	* 1.6441	* 1.6189	* 1.6220	* 2.5096
	* 1.6862	* 1.6760	* 1.7148	* 1.6579	* 1.5932	* 1.5743	* 1.6013	* 2.3651

11	* 1.7164	* 1.4647	* 1.6228	* 1.5083	* 1.6456	* 1.5368	* 1.4453	* 2.6803
	* 1.9620	* 1.7143	* 1.8834	* 1.8114	* 1.8809	* 1.7618	* 1.7029	* 3.0678
	* 2.0263	* 1.8153	* 1.9378	* 1.8924	* 1.9244	* 1.7879	* 1.7696	* 3.1591
	* 1.9611	* 1.7718	* 1.8715	* 1.8532	* 1.8468	* 1.7278	* 1.7377	* 3.0426
	* 1.8459	* 1.6639	* 1.7541	* 1.7252	* 1.7229	* 1.6186	* 1.6634	* 2.8324
	* 1.8071	* 1.6305	* 1.7065	* 1.6712	* 1.6713	* 1.5884	* 1.6564	* 2.7285
	* 1.7654	* 1.5882	* 1.6577	* 1.6110	* 1.6181	* 1.5500	* 1.6562	* 2.5760

12	* 1.6149	* 1.5458	* 1.4472	* 1.6455	* 1.6407	* 1.3726	* 1.9241	*
	* 1.8167	* 1.7667	* 1.7326	* 1.8807	* 1.9293	* 1.6694	* 2.2324	*
	* 1.8294	* 1.8077	* 1.8259	* 1.9242	* 2.0093	* 1.7568	* 2.3251	*
	* 1.7801	* 1.7456	* 1.8063	* 1.8467	* 1.9464	* 1.7358	* 2.2604	*
	* 1.6811	* 1.6412	* 1.6830	* 1.7228	* 1.8216	* 1.6639	* 2.1242	*
	* 1.6681	* 1.6036	* 1.6440	* 1.6712	* 1.7659	* 1.6552	* 2.0666	*
	* 1.6507	* 1.5670	* 1.5932	* 1.6180	* 1.6989	* 1.6304	* 1.9831	*

13	* 1.5430	* 1.5122	* 1.5431	* 1.5366	* 1.3725	* 1.8357	* 3.3081	*
	* 1.7706	* 1.7486	* 1.7765	* 1.7616	* 1.6692	* 2.2130	* 3.9292	*
	* 1.8285	* 1.8098	* 1.8307	* 1.7877	* 1.7567	* 2.3585	* 4.0989	*
	* 1.7814	* 1.7649	* 1.7705	* 1.7277	* 1.7357	* 2.3182	* 3.9302	*
	* 1.6906	* 1.6752	* 1.6619	* 1.6185	* 1.6638	* 2.1798	* 3.5991	*
	* 1.6654	* 1.6492	* 1.6187	* 1.5883	* 1.6552	* 2.1111	* 3.3889	*
	* 1.6379	* 1.6200	* 1.5741	* 1.5499	* 1.6303	* 2.0025	* 3.0820	*

14	* 1.4400	* 1.4269	* 1.4079	* 1.4450	* 1.9236	* 3.3090	*	*
	* 1.7087	* 1.6931	* 1.6782	* 1.7026	* 2.2319	* 3.9300	*	*
	* 1.7852	* 1.7652	* 1.7618	* 1.7693	* 2.3246	* 4.0983	*	*
	* 1.7482	* 1.7243	* 1.7194	* 1.7375	* 2.2600	* 3.9291	*	*
	* 1.6755	* 1.6485	* 1.6434	* 1.6633	* 2.1239	* 3.5980	*	*
	* 1.6600	* 1.6283	* 1.6218	* 1.6563	* 2.0664	* 3.3876	*	*
	* 1.6447	* 1.6046	* 1.6012	* 1.6562	* 1.9829	* 3.0806	*	*

15	* 2.5193	* 2.6276	* 2.5674	* 2.6798	* 4 EFPD	118 % POWER		
	* 2.8229	* 2.9181	* 2.8928	* 3.0672	* 75 EFPD	118 % POWER		
	* 2.8690	* 2.9453	* 2.9382	* 3.1586	* 150 EFPD	118 % POWER		
	* 2.7491	* 2.8068	* 2.8080	* 3.0422	* 225 EFPD	118 % POWER		
	* 2.5613	* 2.5988	* 2.6071	* 2.8322	* 300 EFPD	118 % POWER		
	* 2.4568	* 2.4924	* 2.5093	* 2.7284	* 375 EFPD	118 % POWER		
	* 2.3233	* 2.3478	* 2.3649	* 2.5759	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 1.7050	* 1.6686	* 1.4513	* 1.7042	* 1.4464	* 1.4818	* 1.3755	* 2.5193
	* 1.9472	* 1.8438	* 1.5922	* 1.8470	* 1.6723	* 1.6332	* 1.5534	* 2.7111
	* 2.0490	* 1.9054	* 1.6302	* 1.8710	* 1.6391	* 1.6627	* 1.5858	* 2.6935
	* 2.0403	* 1.8836	* 1.6105	* 1.8079	* 1.5920	* 1.6252	* 1.5533	* 2.5741
	* 1.9642	* 1.8135	* 1.5563	* 1.7177	* 1.5208	* 1.5611	* 1.5057	* 2.4184
	* 1.9451	* 1.8037	* 1.5749	* 1.6998	* 1.5283	* 1.5545	* 1.5090	* 2.3383
	* 1.8972	* 1.7846	* 1.5967	* 1.6938	* 1.5520	* 1.5611	* 1.5316	* 2.2522

9	* 1.6686	* 1.3773	* 1.5113	* 1.4128	* 1.4952	* 1.4528	* 1.3701	* 2.6283
	* 1.8438	* 1.5547	* 1.6770	* 1.5801	* 1.6496	* 1.6122	* 1.5447	* 2.8006
	* 1.9054	* 1.5874	* 1.7300	* 1.6380	* 1.6574	* 1.6464	* 1.5704	* 2.7592
	* 1.8836	* 1.5752	* 1.6987	* 1.5851	* 1.5979	* 1.6103	* 1.5325	* 2.6202
	* 1.8135	* 1.5195	* 1.6301	* 1.4980	* 1.5159	* 1.5450	* 1.4783	* 2.4440
	* 1.8037	* 1.5323	* 1.6204	* 1.4908	* 1.5000	* 1.5382	* 1.4791	* 2.3602
	* 1.7846	* 1.5373	* 1.6141	* 1.4887	* 1.4990	* 1.5435	* 1.4942	* 2.2642

10	* 1.4513	* 1.5112	* 1.5037	* 1.5723	* 1.3821	* 1.4782	* 1.3396	* 2.5681
	* 1.5922	* 1.6769	* 1.7187	* 1.7641	* 1.5863	* 1.6340	* 1.5209	* 2.7645
	* 1.6302	* 1.7299	* 1.7960	* 1.7922	* 1.6508	* 1.6606	* 1.5617	* 2.7631
	* 1.6105	* 1.6986	* 1.7719	* 1.7268	* 1.6141	* 1.6053	* 1.5244	* 2.6350
	* 1.5563	* 1.6300	* 1.6916	* 1.6313	* 1.5168	* 1.5230	* 1.4720	* 2.4652
	* 1.5749	* 1.6204	* 1.6710	* 1.6059	* 1.4985	* 1.5061	* 1.4759	* 2.3951
	* 1.5967	* 1.6141	* 1.6556	* 1.5939	* 1.4894	* 1.5000	* 1.4921	* 2.2984

11	* 1.7042	* 1.4127	* 1.5720	* 1.4475	* 1.5755	* 1.4234	* 1.3690	* 2.6544
	* 1.8470	* 1.5801	* 1.7637	* 1.6716	* 1.7553	* 1.6110	* 1.5359	* 2.9157
	* 1.8710	* 1.6378	* 1.7919	* 1.7141	* 1.7637	* 1.5927	* 1.5673	* 2.9590
	* 1.8079	* 1.5851	* 1.7265	* 1.6683	* 1.6914	* 1.5348	* 1.5431	* 2.8533
	* 1.7177	* 1.4979	* 1.6311	* 1.5594	* 1.5912	* 1.4529	* 1.4935	* 2.6813
	* 1.6998	* 1.4907	* 1.6058	* 1.5263	* 1.5626	* 1.4460	* 1.5083	* 2.6127
	* 1.6938	* 1.4887	* 1.5937	* 1.5058	* 1.5475	* 1.4473	* 1.5471	* 2.5163

12	* 1.4464	* 1.4949	* 1.3818	* 1.5754	* 1.5487	* 1.2736	* 1.8887	*
	* 1.6723	* 1.6495	* 1.5860	* 1.7551	* 1.7720	* 1.4993	* 2.1063	*
	* 1.6391	* 1.6572	* 1.6506	* 1.7635	* 1.8341	* 1.5616	* 2.1640	*
	* 1.5920	* 1.5979	* 1.6140	* 1.6913	* 1.7888	* 1.5501	* 2.1079	*
	* 1.5208	* 1.5158	* 1.5166	* 1.5911	* 1.6943	* 1.5038	* 2.0026	*
	* 1.5283	* 1.5000	* 1.4984	* 1.5625	* 1.6638	* 1.5174	* 1.9739	*
	* 1.5520	* 1.4990	* 1.4894	* 1.5474	* 1.6358	* 1.5307	* 1.9333	*

13	* 1.4818	* 1.4522	* 1.4777	* 1.4232	* 1.2735	* 1.7566	* 3.2159	*
	* 1.6332	* 1.6114	* 1.6336	* 1.6108	* 1.4992	* 2.0712	* 3.7238	*
	* 1.6627	* 1.6456	* 1.6603	* 1.5925	* 1.5615	* 2.1993	* 3.8610	*
	* 1.6252	* 1.6096	* 1.6050	* 1.5347	* 1.5501	* 2.1768	* 3.7232	*
	* 1.5611	* 1.5443	* 1.5228	* 1.4528	* 1.5038	* 2.0731	* 3.4530	*
	* 1.5545	* 1.5376	* 1.5059	* 1.4459	* 1.5173	* 2.0357	* 3.2966	*
	* 1.5611	* 1.5430	* 1.4999	* 1.4473	* 1.5307	* 1.9723	* 3.0648	*

14	* 1.3755	* 1.3698	* 1.3393	* 1.3687	* 1.8882	* 3.2170	*	*
	* 1.5534	* 1.5445	* 1.5206	* 1.5356	* 2.1059	* 3.7247	*	*
	* 1.5858	* 1.5700	* 1.5614	* 1.5670	* 2.1636	* 3.8606	*	*
	* 1.5533	* 1.5323	* 1.5242	* 1.5429	* 2.1076	* 3.7226	*	*
	* 1.5057	* 1.4781	* 1.4718	* 1.4934	* 2.0024	* 3.4523	*	*
	* 1.5090	* 1.4789	* 1.4758	* 1.5083	* 1.9737	* 3.2957	*	*
	* 1.5316	* 1.4941	* 1.4920	* 1.5470	* 1.9332	* 3.0637	*	*

15	* 2.5193	* 2.6276	* 2.5674	* 2.6538	* 4 EFPD	118 % POWER		
	* 2.7111	* 2.7997	* 2.7637	* 2.9151	* 75 EFPD	118 % POWER		
	* 2.6935	* 2.7584	* 2.7625	* 2.9586	* 150 EFPD	118 % POWER		
	* 2.5741	* 2.6195	* 2.6344	* 2.8529	* 225 EFPD	118 % POWER		
	* 2.4184	* 2.4436	* 2.4648	* 2.6811	* 300 EFPD	118 % POWER		
	* 2.3383	* 2.3599	* 2.3948	* 2.6126	* 375 EFPD	118 % POWER		
	* 2.2522	* 2.2639	* 2.2981	* 2.5163	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 1.7596	* 1.7158	* 1.4858	* 1.7499	* 1.5956	* 1.4982	* 1.3811	* 2.6281
	* 1.9484	* 1.8310	* 1.5583	* 1.8315	* 1.6309	* 1.6004	* 1.5069	* 2.6840
	* 2.0342	* 1.8752	* 1.5754	* 1.8354	* 1.5769	* 1.6146	* 1.5165	* 2.6331
	* 2.0354	* 1.8626	* 1.5659	* 1.7752	* 1.5379	* 1.5871	* 1.4923	* 2.5237
	* 1.9793	* 1.8129	* 1.5315	* 1.7030	* 1.4865	* 1.5410	* 1.4643	* 2.3919
	* 1.9764	* 1.8192	* 1.5620	* 1.6941	* 1.5060	* 1.5447	* 1.4802	* 2.3273
	* 1.9381	* 1.8168	* 1.6049	* 1.7083	* 1.5534	* 1.5705	* 1.5247	* 2.2664

9	* 1.7158	* 1.4265	* 1.5474	* 1.4332	* 1.5209	* 1.4695	* 1.3754	* 2.7378
	* 1.8310	* 1.5223	* 1.6625	* 1.5504	* 1.6259	* 1.5778	* 1.4976	* 2.7672
	* 1.8752	* 1.5365	* 1.6982	* 1.5775	* 1.6161	* 1.5977	* 1.5006	* 2.6914
	* 1.8626	* 1.5331	* 1.6741	* 1.5292	* 1.5619	* 1.5708	* 1.4718	* 2.5613
	* 1.8129	* 1.4979	* 1.6216	* 1.4593	* 1.4953	* 1.5220	* 1.4352	* 2.4110
	* 1.8192	* 1.5258	* 1.6212	* 1.4636	* 1.4888	* 1.5250	* 1.4475	* 2.3416
	* 1.8168	* 1.5530	* 1.6350	* 1.4854	* 1.5088	* 1.5500	* 1.4842	* 2.2744

10	* 1.4858	* 1.5473	* 1.5381	* 1.6066	* 1.3919	* 1.4897	* 1.3392	* 2.6310
	* 1.5583	* 1.6624	* 1.7102	* 1.7518	* 1.5482	* 1.5953	* 1.4696	* 2.7259
	* 1.5754	* 1.6981	* 1.7726	* 1.7567	* 1.5962	* 1.6023	* 1.4900	* 2.6904
	* 1.5659	* 1.6740	* 1.7537	* 1.6951	* 1.5512	* 1.5559	* 1.4626	* 2.5708
	* 1.5315	* 1.6215	* 1.6864	* 1.6154	* 1.4706	* 1.4927	* 1.4280	* 2.4286
	* 1.5620	* 1.6211	* 1.6777	* 1.6020	* 1.4699	* 1.4914	* 1.4460	* 2.3715
	* 1.6049	* 1.6350	* 1.6825	* 1.6111	* 1.4863	* 1.5087	* 1.4841	* 2.3048

11	* 1.7499	* 1.4331	* 1.6063	* 1.4660	* 1.5893	* 1.4478	* 1.3596	* 2.6969
	* 1.8315	* 1.5503	* 1.7515	* 1.6422	* 1.7255	* 1.5568	* 1.4767	* 2.8682
	* 1.8354	* 1.5774	* 1.7564	* 1.6581	* 1.7166	* 1.5194	* 1.4950	* 2.8836
	* 1.7752	* 1.5291	* 1.6948	* 1.6124	* 1.6509	* 1.4707	* 1.4802	* 2.7918
	* 1.7030	* 1.4593	* 1.6152	* 1.5146	* 1.5675	* 1.4086	* 1.4503	* 2.6503
	* 1.6941	* 1.4636	* 1.6018	* 1.4984	* 1.5556	* 1.4199	* 1.4820	* 2.6047
	* 1.7083	* 1.4854	* 1.6110	* 1.5044	* 1.5626	* 1.4454	* 1.5443	* 2.5375

12	* 1.5956	* 1.5207	* 1.3916	* 1.5892	* 1.5528	* 1.2600	* 1.8974	*
	* 1.6309	* 1.6257	* 1.5479	* 1.7253	* 1.7367	* 1.4478	* 2.0571	*
	* 1.5769	* 1.6159	* 1.5960	* 1.7164	* 1.7896	* 1.4979	* 2.0981	*
	* 1.5379	* 1.5618	* 1.5511	* 1.6508	* 1.7543	* 1.4958	* 2.0546	*
	* 1.4865	* 1.4953	* 1.4705	* 1.5675	* 1.6801	* 1.4681	* 1.9728	*
	* 1.5060	* 1.4887	* 1.4698	* 1.5555	* 1.6660	* 1.4984	* 1.9630	*
	* 1.5534	* 1.5088	* 1.4863	* 1.5626	* 1.6599	* 1.5346	* 1.9477	*

13	* 1.4982	* 1.4687	* 1.4893	* 1.4477	* 1.2599	* 1.7598	* 3.2574	*
	* 1.6004	* 1.5769	* 1.5949	* 1.5566	* 1.4477	* 2.0335	* 3.6877	*
	* 1.6146	* 1.5969	* 1.6020	* 1.5192	* 1.4979	* 2.1517	* 3.8050	*
	* 1.5871	* 1.5701	* 1.5557	* 1.4706	* 1.4958	* 2.1421	* 3.6903	*
	* 1.5410	* 1.5213	* 1.4925	* 1.4086	* 1.4681	* 2.0608	* 3.4573	*
	* 1.5447	* 1.5244	* 1.4913	* 1.4199	* 1.4984	* 2.0422	* 3.3311	*
	* 1.5705	* 1.5494	* 1.5086	* 1.4454	* 1.5346	* 2.0018	* 3.1355	*

14	* 1.3811	* 1.3751	* 1.3389	* 1.3593	* 1.8969	* 3.2584	*	*
	* 1.5069	* 1.4973	* 1.4693	* 1.4764	* 2.0566	* 3.6885	*	*
	* 1.5165	* 1.5002	* 1.4897	* 1.4948	* 2.0977	* 3.8045	*	*
	* 1.4923	* 1.4715	* 1.4624	* 1.4801	* 2.0543	* 3.6897	*	*
	* 1.4643	* 1.4350	* 1.4278	* 1.4502	* 1.9726	* 3.4566	*	*
	* 1.4802	* 1.4474	* 1.4459	* 1.4820	* 1.9628	* 3.3302	*	*
	* 1.5248	* 1.4841	* 1.4840	* 1.5443	* 1.9475	* 3.1344	*	*

15	* 2.6281	* 2.7370	* 2.6303	* 2.6964	* 4 EFPD	118 % POWER		
	* 2.6840	* 2.7663	* 2.7251	* 2.8676	* 75 EFPD	118 % POWER		
	* 2.6331	* 2.6907	* 2.6897	* 2.8831	* 150 EFPD	118 % POWER		
	* 2.5237	* 2.5607	* 2.5703	* 2.7916	* 225 EFPD	118 % POWER		
	* 2.3919	* 2.4106	* 2.4282	* 2.6501	* 300 EFPD	118 % POWER		
	* 2.3273	* 2.3413	* 2.3712	* 2.6046	* 375 EFPD	118 % POWER		
	* 2.2664	* 2.2741	* 2.3046	* 2.5375	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 19 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 1.8525	* 1.7986	* 1.5499	* 1.8249	* 1.6510	* 1.5449	* 1.4195	* 2.7286
	* 2.0016	* 1.8698	* 1.5797	* 1.8647	* 1.6426	* 1.6113	* 1.5092	* 2.7087
	* 2.0777	* 1.9029	* 1.5822	* 1.8550	* 1.5749	* 1.6172	* 1.5051	* 2.6359
	* 2.0900	* 1.9003	* 1.5820	* 1.7992	* 1.5451	* 1.5998	* 1.4903	* 2.5374
	* 2.0491	* 1.8661	* 1.5630	* 1.7408	* 1.5094	* 1.5688	* 1.4783	* 2.4286
	* 2.0430	* 1.8689	* 1.5970	* 1.7367	* 1.5349	* 1.5782	* 1.5015	* 2.3715
	* 2.0146	* 1.8807	* 1.6512	* 1.7625	* 1.5962	* 1.6142	* 1.5591	* 2.3226

9	* 1.7986	* 1.4868	* 1.6186	* 1.4905	* 1.5761	* 1.5126	* 1.4130	* 2.8379
	* 1.8698	* 1.5439	* 1.6957	* 1.5711	* 1.6459	* 1.5870	* 1.4985	* 2.7882
	* 1.9029	* 1.5467	* 1.7193	* 1.5767	* 1.6244	* 1.5984	* 1.4880	* 2.6901
	* 1.9003	* 1.5513	* 1.7033	* 1.5344	* 1.5765	* 1.5804	* 1.4688	* 2.5711
	* 1.8661	* 1.5311	* 1.6638	* 1.4773	* 1.5225	* 1.5466	* 1.4467	* 2.4430
	* 1.8689	* 1.5588	* 1.6645	* 1.4857	* 1.5193	* 1.5550	* 1.4652	* 2.3803
	* 1.8807	* 1.5951	* 1.6884	* 1.5207	* 1.5509	* 1.5915	* 1.5145	* 2.3275

10	* 1.5499	* 1.6185	* 1.6081	* 1.6752	* 1.4347	* 1.5315	* 1.3709	* 2.7192
	* 1.5797	* 1.6955	* 1.7491	* 1.7854	* 1.5583	* 1.6016	* 1.4671	* 2.7443
	* 1.5822	* 1.7191	* 1.8019	* 1.7726	* 1.5969	* 1.5961	* 1.4757	* 2.6856
	* 1.5820	* 1.7032	* 1.7878	* 1.7167	* 1.5505	* 1.5598	* 1.4575	* 2.5789
	* 1.5630	* 1.6637	* 1.7304	* 1.6488	* 1.4824	* 1.5117	* 1.4388	* 2.4592
	* 1.5970	* 1.6644	* 1.7214	* 1.6368	* 1.4846	* 1.5141	* 1.4619	* 2.4069
	* 1.6512	* 1.6883	* 1.7364	* 1.6574	* 1.5152	* 1.5434	* 1.5128	* 2.3533

11	* 1.8249	* 1.4903	* 1.6749	* 1.5211	* 1.6388	* 1.4792	* 1.3866	* 2.7733
	* 1.8647	* 1.5710	* 1.7850	* 1.6591	* 1.7425	* 1.5518	* 1.4698	* 2.8769
	* 1.8550	* 1.5765	* 1.7723	* 1.6611	* 1.7223	* 1.5060	* 1.4816	* 2.8749
	* 1.7992	* 1.5343	* 1.7164	* 1.6151	* 1.6642	* 1.4664	* 1.4774	* 2.7982
	* 1.7408	* 1.4772	* 1.6486	* 1.5283	* 1.5943	* 1.4198	* 1.4629	* 2.6835
	* 1.7367	* 1.4856	* 1.6367	* 1.5184	* 1.5879	* 1.4385	* 1.5010	* 2.6414
	* 1.7625	* 1.5207	* 1.6573	* 1.5386	* 1.6075	* 1.4779	* 1.5768	* 2.5907

12	* 1.6510	* 1.5758	* 1.4344	* 1.6387	* 1.5958	* 1.2854	* 1.9400	*
	* 1.6426	* 1.6457	* 1.5580	* 1.7422	* 1.7522	* 1.4478	* 2.0580	*
	* 1.5749	* 1.6242	* 1.5965	* 1.7221	* 1.7996	* 1.4923	* 2.0896	*
	* 1.5451	* 1.5764	* 1.5503	* 1.6641	* 1.7747	* 1.5002	* 2.0584	*
	* 1.5094	* 1.5225	* 1.4823	* 1.5942	* 1.7158	* 1.4868	* 1.9949	*
	* 1.5349	* 1.5193	* 1.4845	* 1.5879	* 1.7108	* 1.5292	* 1.9961	*
	* 1.5962	* 1.5509	* 1.5151	* 1.6075	* 1.7168	* 1.5790	* 1.9941	*

13	* 1.5449	* 1.5118	* 1.5311	* 1.4790	* 1.2853	* 1.8023	* 3.3640	*
	* 1.6113	* 1.5861	* 1.6011	* 1.5515	* 1.4476	* 2.0467	* 3.7361	*
	* 1.6172	* 1.5977	* 1.5958	* 1.5058	* 1.4922	* 2.1601	* 3.8422	*
	* 1.5998	* 1.5797	* 1.5596	* 1.4663	* 1.5001	* 2.1635	* 3.7479	*
	* 1.5688	* 1.5459	* 1.5115	* 1.4197	* 1.4868	* 2.0992	* 3.5418	*
	* 1.5782	* 1.5544	* 1.5139	* 1.4385	* 1.5292	* 2.0926	* 3.4337	*
	* 1.6142	* 1.5910	* 1.5433	* 1.4779	* 1.5790	* 2.0624	* 3.2434	*

14	* 1.4195	* 1.4127	* 1.3705	* 1.3863	* 1.9395	* 3.3650	*	*
	* 1.5092	* 1.4982	* 1.4668	* 1.4695	* 2.0574	* 3.7369	*	*
	* 1.5051	* 1.4877	* 1.4754	* 1.4814	* 2.0891	* 3.8417	*	*
	* 1.4903	* 1.4685	* 1.4573	* 1.4772	* 2.0580	* 3.7471	*	*
	* 1.4783	* 1.4465	* 1.4386	* 1.4628	* 1.9946	* 3.5409	*	*
	* 1.5015	* 1.4650	* 1.4618	* 1.5010	* 1.9959	* 3.4327	*	*
	* 1.5591	* 1.5144	* 1.5127	* 1.5768	* 1.9940	* 3.2422	*	*

15	* 2.7286	* 2.8370	* 2.7185	* 2.7726	* 4 EFPD	118 % POWER		
	* 2.7087	* 2.7873	* 2.7435	* 2.8763	* 75 EFPD	118 % POWER		
	* 2.6359	* 2.6893	* 2.6848	* 2.8745	* 150 EFPD	118 % POWER		
	* 2.5374	* 2.5705	* 2.5783	* 2.7979	* 225 EFPD	118 % POWER		
	* 2.4286	* 2.4426	* 2.4588	* 2.6834	* 300 EFPD	118 % POWER		
	* 2.3715	* 2.3800	* 2.4066	* 2.6413	* 375 EFPD	118 % POWER		
	* 2.3226	* 2.3272	* 2.3531	* 2.5907	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 1.9566	* 1.8944	* 1.6197	* 1.9209	* 1.7100	* 1.5949	* 1.4593	* 2.8631
	* 2.0761	* 1.9313	* 1.6162	* 1.9184	* 1.6663	* 1.6341	* 1.5214	* 2.7830
	* 2.1472	* 1.9572	* 1.6069	* 1.8937	* 1.5885	* 1.6364	* 1.5085	* 2.6944
	* 2.1716	* 1.9652	* 1.6156	* 1.8468	* 1.5692	* 1.6299	* 1.5029	* 2.6083
	* 2.1447	* 1.9449	* 1.6110	* 1.8027	* 1.5483	* 1.6133	* 1.5057	* 2.5184
	* 2.1314	* 1.9447	* 1.6471	* 1.7990	* 1.5774	* 1.6261	* 1.5338	* 2.4621
	* 2.1034	* 1.9580	* 1.7066	* 1.8272	* 1.6444	* 1.6638	* 1.5954	* 2.4067

9	* 1.8944	* 1.5509	* 1.6967	* 1.5512	* 1.6347	* 1.5588	* 1.4533	* 2.9720
	* 1.9313	* 1.5799	* 1.7454	* 1.6041	* 1.6793	* 1.6077	* 1.5108	* 2.8583
	* 1.9572	* 1.5738	* 1.7603	* 1.5919	* 1.6500	* 1.6152	* 1.4899	* 2.7430
	* 1.9652	* 1.5864	* 1.7528	* 1.5560	* 1.6097	* 1.6071	* 1.4800	* 2.6363
	* 1.9449	* 1.5793	* 1.7253	* 1.5103	* 1.5677	* 1.5878	* 1.4714	* 2.5266
	* 1.9447	* 1.6068	* 1.7255	* 1.5208	* 1.5660	* 1.5995	* 1.4938	* 2.4657
	* 1.9580	* 1.6464	* 1.7533	* 1.5630	* 1.6037	* 1.6401	* 1.5497	* 2.4101

10	* 1.6197	* 1.6966	* 1.6846	* 1.7507	* 1.4798	* 1.5765	* 1.4054	* 2.8443
	* 1.6162	* 1.7453	* 1.8023	* 1.8338	* 1.5792	* 1.6204	* 1.4757	* 2.8146
	* 1.6069	* 1.7602	* 1.8501	* 1.8077	* 1.6110	* 1.6079	* 1.4765	* 2.7452
	* 1.6156	* 1.7527	* 1.8403	* 1.7589	* 1.5674	* 1.5826	* 1.4674	* 2.6514
	* 1.6110	* 1.7252	* 1.7939	* 1.7021	* 1.5109	* 1.5481	* 1.4632	* 2.5502
	* 1.6471	* 1.7254	* 1.7831	* 1.6901	* 1.5142	* 1.5519	* 1.4893	* 2.4984
	* 1.7066	* 1.7533	* 1.8021	* 1.7164	* 1.5534	* 1.5876	* 1.5471	* 2.4476

11	* 1.9209	* 1.5511	* 1.7503	* 1.5732	* 1.6981	* 1.5215	* 1.4204	* 2.9105
	* 1.9184	* 1.6040	* 1.8334	* 1.6886	* 1.7750	* 1.5595	* 1.4767	* 2.9619
	* 1.8937	* 1.5918	* 1.8074	* 1.6821	* 1.7480	* 1.5094	* 1.4849	* 2.9509
	* 1.8468	* 1.5559	* 1.7586	* 1.6368	* 1.6986	* 1.4788	* 1.4914	* 2.8911
	* 1.8027	* 1.5102	* 1.7018	* 1.5596	* 1.6410	* 1.4461	* 1.4909	* 2.7945
	* 1.7990	* 1.5208	* 1.6899	* 1.5484	* 1.6328	* 1.4655	* 1.5295	* 2.7468
	* 1.8272	* 1.5630	* 1.7163	* 1.5754	* 1.6582	* 1.5120	* 1.6123	* 2.6983

12	* 1.7100	* 1.6344	* 1.4795	* 1.6979	* 1.6495	* 1.3197	* 2.0274	*
	* 1.6663	* 1.6791	* 1.5789	* 1.7747	* 1.7854	* 1.4619	* 2.1124	*
	* 1.5885	* 1.6499	* 1.6108	* 1.7478	* 1.8306	* 1.5039	* 2.1393	*
	* 1.5692	* 1.6096	* 1.5673	* 1.6985	* 1.8171	* 1.5221	* 2.1216	*
	* 1.5483	* 1.5676	* 1.5108	* 1.6410	* 1.7710	* 1.5217	* 2.0736	*
	* 1.5774	* 1.5659	* 1.5142	* 1.6328	* 1.7609	* 1.5605	* 2.0678	*
	* 1.6444	* 1.6037	* 1.5533	* 1.6582	* 1.7709	* 1.6152	* 2.0696	*

13	* 1.5949	* 1.5580	* 1.5760	* 1.5213	* 1.3196	* 1.8856	* 3.5458	*
	* 1.6341	* 1.6069	* 1.6199	* 1.5591	* 1.4618	* 2.1117	* 3.8785	*
	* 1.6364	* 1.6144	* 1.6076	* 1.5092	* 1.5038	* 2.2256	* 3.9809	*
	* 1.6299	* 1.6064	* 1.5824	* 1.4787	* 1.5221	* 2.2431	* 3.9064	*
	* 1.6133	* 1.5871	* 1.5479	* 1.4460	* 1.5217	* 2.1930	* 3.7205	*
	* 1.6261	* 1.5989	* 1.5517	* 1.4654	* 1.5605	* 2.1781	* 3.5917	*
	* 1.6638	* 1.6396	* 1.5875	* 1.5120	* 1.6152	* 2.1489	* 3.4059	*

14	* 1.4593	* 1.4530	* 1.4050	* 1.4201	* 2.0268	* 3.5465	*	*
	* 1.5214	* 1.5105	* 1.4753	* 1.4764	* 2.1118	* 3.8789	*	*
	* 1.5085	* 1.4896	* 1.4762	* 1.4847	* 2.1388	* 3.9799	*	*
	* 1.5029	* 1.4798	* 1.4672	* 1.4912	* 2.1212	* 3.9053	*	*
	* 1.5057	* 1.4712	* 1.4631	* 1.4908	* 2.0734	* 3.7193	*	*
	* 1.5338	* 1.4936	* 1.4892	* 1.5295	* 2.0676	* 3.5905	*	*
	* 1.5954	* 1.5496	* 1.5470	* 1.6123	* 2.0695	* 3.4045	*	*

15	* 2.8631	* 2.9710	* 2.8435	* 2.9099	* 4 EFPD	118 % POWER		
	* 2.7829	* 2.8574	* 2.8137	* 2.9613	* 75 EFPD	118 % POWER		
	* 2.6944	* 2.7422	* 2.7445	* 2.9504	* 150 EFPD	118 % POWER		
	* 2.6083	* 2.6356	* 2.6508	* 2.8908	* 225 EFPD	118 % POWER		
	* 2.5184	* 2.5262	* 2.5498	* 2.7943	* 300 EFPD	118 % POWER		
	* 2.4621	* 2.4653	* 2.4981	* 2.7468	* 375 EFPD	118 % POWER		
	* 2.4067	* 2.4098	* 2.4475	* 2.6983	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 17 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.0932	* 2.0159	* 1.7158	* 2.0364	* 1.7927	* 1.6660	* 1.5205	* 3.0125
	* 2.1972	* 2.0312	* 1.6876	* 2.0085	* 1.7256	* 1.6878	* 1.5657	* 2.8925
	* 2.2658	* 2.0517	* 1.6695	* 1.9707	* 1.6388	* 1.6883	* 1.5469	* 2.7907
	* 2.3015	* 2.0696	* 1.6867	* 1.9310	* 1.6296	* 1.6928	* 1.5503	* 2.7168
	* 2.2869	* 2.0614	* 1.6943	* 1.8984	* 1.6211	* 1.6883	* 1.5658	* 2.6422
	* 2.2652	* 2.0567	* 1.7305	* 1.8930	* 1.6520	* 1.7014	* 1.5962	* 2.5818
	* 2.2264	* 2.0538	* 1.7788	* 1.9092	* 1.7114	* 1.7305	* 1.6515	* 2.5083

9	* 2.0159	* 1.6405	* 1.7992	* 1.6366	* 1.7163	* 1.6265	* 1.5148	* 3.1231
	* 2.0312	* 1.6517	* 1.8301	* 1.6720	* 1.7453	* 1.6591	* 1.5545	* 2.9664
	* 2.0517	* 1.6389	* 1.8375	* 1.6447	* 1.7098	* 1.6649	* 1.5263	* 2.8361
	* 2.0696	* 1.6594	* 1.8378	* 1.6144	* 1.6762	* 1.6665	* 1.5252	* 2.7409
	* 2.0614	* 1.6633	* 1.8207	* 1.5774	* 1.6443	* 1.6599	* 1.5285	* 2.6457
	* 2.0567	* 1.6891	* 1.8183	* 1.5879	* 1.6414	* 1.6722	* 1.5524	* 2.5812
	* 2.0538	* 1.7189	* 1.8325	* 1.6239	* 1.6712	* 1.7040	* 1.6023	* 2.5070

10	* 1.7158	* 1.7990	* 1.7852	* 1.8508	* 1.5492	* 1.6463	* 1.4647	* 2.9931
	* 1.6876	* 1.8300	* 1.8899	* 1.9127	* 1.6336	* 1.6693	* 1.5167	* 2.9233
	* 1.6695	* 1.8374	* 1.9338	* 1.8796	* 1.6605	* 1.6541	* 1.5120	* 2.8425
	* 1.6867	* 1.8376	* 1.9291	* 1.8365	* 1.6215	* 1.6389	* 1.5123	* 2.7606
	* 1.6943	* 1.8206	* 1.8923	* 1.7888	* 1.5746	* 1.6163	* 1.5201	* 2.6740
	* 1.7305	* 1.8182	* 1.8775	* 1.7743	* 1.5775	* 1.6195	* 1.5474	* 2.6177
	* 1.7788	* 1.8324	* 1.8857	* 1.7927	* 1.6163	* 1.6543	* 1.6021	* 2.5459

11	* 2.0364	* 1.6364	* 1.8504	* 1.6586	* 1.7911	* 1.5966	* 1.4814	* 3.0663
	* 2.0085	* 1.6720	* 1.9123	* 1.7549	* 1.8439	* 1.6034	* 1.5174	* 3.0797
	* 1.9707	* 1.6446	* 1.8792	* 1.7410	* 1.8112	* 1.5467	* 1.5233	* 3.0615
	* 1.9310	* 1.6143	* 1.8362	* 1.6990	* 1.7692	* 1.5274	* 1.5403	* 3.0171
	* 1.8984	* 1.5774	* 1.7886	* 1.6288	* 1.7217	* 1.5062	* 1.5522	* 2.9368
	* 1.8930	* 1.5879	* 1.7741	* 1.6139	* 1.7101	* 1.5252	* 1.5908	* 2.8825
	* 1.9092	* 1.6239	* 1.7925	* 1.6425	* 1.7358	* 1.5741	* 1.6762	* 2.8161

12	* 1.7927	* 1.7160	* 1.5489	* 1.7909	* 1.7389	* 1.3842	* 2.1397	*
	* 1.7256	* 1.7451	* 1.6333	* 1.8436	* 1.8591	* 1.5118	* 2.1968	*
	* 1.6388	* 1.7096	* 1.6603	* 1.8110	* 1.9044	* 1.5531	* 2.2204	*
	* 1.6296	* 1.6761	* 1.6213	* 1.7691	* 1.9012	* 1.5815	* 2.2147	*
	* 1.6211	* 1.6443	* 1.5745	* 1.7216	* 1.8658	* 1.5928	* 2.1799	*
	* 1.6521	* 1.6413	* 1.5774	* 1.7101	* 1.8507	* 1.6290	* 2.1680	*
	* 1.7114	* 1.6712	* 1.6163	* 1.7358	* 1.8592	* 1.6848	* 2.1663	*

13	* 1.6660	* 1.6256	* 1.6458	* 1.5964	* 1.3841	* 1.9969	* 3.7742	*
	* 1.6878	* 1.6582	* 1.6688	* 1.6030	* 1.5116	* 2.2097	* 4.0748	*
	* 1.6883	* 1.6640	* 1.6538	* 1.5464	* 1.5530	* 2.3268	* 4.1763	*
	* 1.6928	* 1.6658	* 1.6387	* 1.5273	* 1.5814	* 2.3578	* 4.1198	*
	* 1.6883	* 1.6592	* 1.6161	* 1.5061	* 1.5928	* 2.3199	* 3.9491	*
	* 1.7014	* 1.6716	* 1.6193	* 1.5251	* 1.6290	* 2.2944	* 3.7964	*
	* 1.7305	* 1.7034	* 1.6542	* 1.5741	* 1.6848	* 2.2588	* 3.5929	*

14	* 1.5205	* 1.5144	* 1.4643	* 1.4811	* 2.1390	* 3.7746	*	*
	* 1.5657	* 1.5542	* 1.5163	* 1.5170	* 2.1961	* 4.0750	*	*
	* 1.5469	* 1.5259	* 1.5117	* 1.5231	* 2.2198	* 4.1751	*	*
	* 1.5503	* 1.5249	* 1.5120	* 1.5401	* 2.2143	* 4.1186	*	*
	* 1.5658	* 1.5283	* 1.5200	* 1.5521	* 2.1796	* 3.9477	*	*
	* 1.5962	* 1.5523	* 1.5473	* 1.5908	* 2.1677	* 3.7950	*	*
	* 1.6515	* 1.6022	* 1.6020	* 1.6762	* 2.1662	* 3.5913	*	*

15	* 3.0125	* 3.1220	* 2.9923	* 3.0657	* 4 EFPD	118 % POWER		
	* 2.8925	* 2.9654	* 2.9224	* 3.0790	* 75 EFPD	118 % POWER		
	* 2.7907	* 2.8352	* 2.8417	* 3.0611	* 150 EFPD	118 % POWER		
	* 2.7168	* 2.7402	* 2.7601	* 3.0168	* 225 EFPD	118 % POWER		
	* 2.6422	* 2.6453	* 2.6736	* 2.9367	* 300 EFPD	118 % POWER		
	* 2.5818	* 2.5808	* 2.6174	* 2.8824	* 375 EFPD	118 % POWER		
	* 2.5083	* 2.5067	* 2.5457	* 2.8162	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 2.2506	* 2.1507	* 1.8201	* 2.1615	* 1.8830	* 1.7470	* 1.5895	* 3.1819
	* 2.3405	* 2.1473	* 1.7696	* 2.1128	* 1.7963	* 1.7562	* 1.6226	* 3.0247
	* 2.4093	* 2.1656	* 1.7466	* 2.0655	* 1.7042	* 1.7575	* 1.6004	* 2.9172
	* 2.4562	* 2.1935	* 1.7734	* 2.0342	* 1.7059	* 1.7737	* 1.6138	* 2.8571
	* 2.4674	* 2.2071	* 1.7983	* 2.0204	* 1.7134	* 1.7836	* 1.6435	* 2.8061
	* 2.4367	* 2.1970	* 1.8341	* 2.0120	* 1.7454	* 1.7962	* 1.6751	* 2.7382
	* 2.3659	* 2.1697	* 1.8685	* 2.0126	* 1.7947	* 1.8138	* 1.7214	* 2.6405

9	* 2.1507	* 1.7372	* 1.9112	* 1.7291	* 1.8082	* 1.7042	* 1.5844	* 3.2954
	* 2.1473	* 1.7359	* 1.9287	* 1.7504	* 1.8262	* 1.7251	* 1.6112	* 3.0992
	* 2.1656	* 1.7183	* 1.9313	* 1.7133	* 1.7872	* 1.7311	* 1.5781	* 2.9611
	* 2.1935	* 1.7478	* 1.9396	* 1.6889	* 1.7611	* 1.7439	* 1.5865	* 2.8786
	* 2.2071	* 1.7673	* 1.9399	* 1.6636	* 1.7422	* 1.7521	* 1.6030	* 2.8041
	* 2.1970	* 1.7913	* 1.9339	* 1.6730	* 1.7375	* 1.7638	* 1.6275	* 2.7326
	* 2.1697	* 1.8041	* 1.9313	* 1.6980	* 1.7546	* 1.7838	* 1.6675	* 2.6337

10	* 1.8201	* 1.9110	* 1.8952	* 1.9614	* 1.6260	* 1.7249	* 1.5308	* 3.1697
	* 1.7696	* 1.9285	* 1.9907	* 2.0083	* 1.7014	* 1.7364	* 1.5724	* 3.0645
	* 1.7466	* 1.9312	* 2.0339	* 1.9707	* 1.7292	* 1.7208	* 1.5642	* 2.9826
	* 1.7734	* 1.9394	* 2.0367	* 1.9341	* 1.6934	* 1.7161	* 1.5743	* 2.9139
	* 1.7983	* 1.9398	* 2.0148	* 1.8994	* 1.6578	* 1.7058	* 1.5947	* 2.8459
	* 1.8341	* 1.9338	* 1.9951	* 1.8811	* 1.6600	* 1.7077	* 1.6222	* 2.7810
	* 1.8685	* 1.9312	* 1.9853	* 1.8843	* 1.6854	* 1.7280	* 1.6664	* 2.6797

11	* 2.1615	* 1.7289	* 1.9610	* 1.7507	* 1.8951	* 1.6818	* 1.5487	* 3.2540
	* 2.1128	* 1.7504	* 2.0079	* 1.8362	* 1.9328	* 1.6647	* 1.5750	* 3.2372
	* 2.0655	* 1.7132	* 1.9703	* 1.8176	* 1.8968	* 1.6038	* 1.5807	* 3.2161
	* 2.0342	* 1.6888	* 1.9338	* 1.7807	* 1.8621	* 1.5955	* 1.6086	* 3.1876
	* 2.0204	* 1.6635	* 1.8992	* 1.7193	* 1.8262	* 1.5855	* 1.6331	* 3.1278
	* 2.0120	* 1.6730	* 1.8809	* 1.6994	* 1.8107	* 1.6039	* 1.6715	* 3.0640
	* 2.0126	* 1.6980	* 1.8842	* 1.7133	* 1.8195	* 1.6414	* 1.7431	* 2.9683

12	* 1.8830	* 1.8079	* 1.6256	* 1.8949	* 1.8449	* 1.4593	* 2.2725	*
	* 1.7963	* 1.8260	* 1.7010	* 1.9325	* 1.9605	* 1.5810	* 2.3158	*
	* 1.7042	* 1.7871	* 1.7290	* 1.8966	* 2.0077	* 1.6234	* 2.3389	*
	* 1.7059	* 1.7610	* 1.6933	* 1.8620	* 2.0148	* 1.6625	* 2.3457	*
	* 1.7134	* 1.7422	* 1.6577	* 1.8262	* 1.9922	* 1.6859	* 2.3251	*
	* 1.7454	* 1.7375	* 1.6599	* 1.8107	* 1.9717	* 1.7199	* 2.3078	*
	* 1.7947	* 1.7546	* 1.6854	* 1.8195	* 1.9622	* 1.7650	* 2.2815	*

13	* 1.7470	* 1.7032	* 1.7243	* 1.6816	* 1.4591	* 2.1332	* 4.0366	*
	* 1.7562	* 1.7242	* 1.7359	* 1.6643	* 1.5808	* 2.3458	* 4.3292	*
	* 1.7575	* 1.7303	* 1.7204	* 1.6036	* 1.6232	* 2.4694	* 4.4347	*
	* 1.7737	* 1.7432	* 1.7158	* 1.5954	* 1.6624	* 2.5149	* 4.3965	*
	* 1.7836	* 1.7514	* 1.7056	* 1.5854	* 1.6859	* 2.4911	* 4.2461	*
	* 1.7962	* 1.7631	* 1.7075	* 1.6038	* 1.7198	* 2.4554	* 4.0678	*
	* 1.8138	* 1.7832	* 1.7280	* 1.6414	* 1.7650	* 2.3958	* 3.8088	*

14	* 1.5895	* 1.5840	* 1.5303	* 1.5483	* 2.2717	* 4.0368	*	*
	* 1.6226	* 1.6108	* 1.5720	* 1.5746	* 2.3151	* 4.3291	*	*
	* 1.6004	* 1.5777	* 1.5639	* 1.5804	* 2.3383	* 4.4332	*	*
	* 1.6138	* 1.5863	* 1.5741	* 1.6084	* 2.3453	* 4.3951	*	*
	* 1.6435	* 1.6028	* 1.5945	* 1.6330	* 2.3248	* 4.2446	*	*
	* 1.6751	* 1.6274	* 1.6222	* 1.6715	* 2.3076	* 4.0663	*	*
	* 1.7214	* 1.6674	* 1.6663	* 1.7432	* 2.2814	* 3.8071	*	*

15	* 3.1819	* 3.2943	* 3.1688	* 3.2533	* 4 EFPD	118 % POWER		
	* 3.0247	* 3.0981	* 3.0636	* 3.2365	* 75 EFPD	118 % POWER		
	* 2.9172	* 2.9602	* 2.9818	* 3.2156	* 150 EFPD	118 % POWER		
	* 2.8571	* 2.8779	* 2.9133	* 3.1873	* 225 EFPD	118 % POWER		
	* 2.8061	* 2.8036	* 2.8454	* 3.1277	* 300 EFPD	118 % POWER		
	* 2.7382	* 2.7322	* 2.7807	* 3.0640	* 375 EFPD	118 % POWER		
	* 2.6405	* 2.6333	* 2.6795	* 2.9684	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 15 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.4089	* 2.3028	* 1.9612	* 2.3086	* 2.0200	* 1.8631	* 1.6988	* 3.3552
	* 2.4918	* 2.2931	* 1.8993	* 2.2574	* 1.9139	* 1.8597	* 1.7201	* 3.1620
	* 2.5676	* 2.3185	* 1.8721	* 2.2025	* 1.8163	* 1.8625	* 1.6970	* 3.0494
	* 2.6288	* 2.3557	* 1.9064	* 2.1752	* 1.8279	* 1.8887	* 1.7205	* 3.0015
	* 2.6609	* 2.3863	* 1.9501	* 2.1791	* 1.8561	* 1.9215	* 1.7747	* 2.9741
	* 2.6444	* 2.3827	* 1.9937	* 2.1767	* 1.8948	* 1.9363	* 1.8081	* 2.9077
	* 2.5593	* 2.3329	* 2.0139	* 2.1613	* 1.9305	* 1.9379	* 1.8419	* 2.7790

9	* 2.3028	* 1.8796	* 2.0626	* 1.8619	* 1.9359	* 1.8165	* 1.6917	* 3.4785
	* 2.2931	* 1.8632	* 2.0667	* 1.8677	* 1.9432	* 1.8262	* 1.7063	* 3.2421
	* 2.3185	* 1.8425	* 2.0651	* 1.8277	* 1.9017	* 1.8337	* 1.6729	* 3.0960
	* 2.3557	* 1.8798	* 2.0803	* 1.8093	* 1.8816	* 1.8574	* 1.6912	* 3.0245
	* 2.3863	* 1.9178	* 2.0984	* 1.8027	* 1.8827	* 1.8889	* 1.7325	* 2.9765
	* 2.3827	* 1.9493	* 2.0983	* 1.8142	* 1.8784	* 1.9019	* 1.7557	* 2.9072
	* 2.3329	* 1.9452	* 2.0791	* 1.8245	* 1.8799	* 1.9055	* 1.7828	* 2.7764

10	* 1.9612	* 2.0625	* 2.0436	* 2.1094	* 1.7434	* 1.8421	* 1.6376	* 3.3484
	* 1.8993	* 2.0665	* 2.1309	* 2.1420	* 1.8110	* 1.8418	* 1.6691	* 3.2069
	* 1.8721	* 2.0649	* 2.1734	* 2.1012	* 1.8423	* 1.8264	* 1.6603	* 3.1064
	* 1.9064	* 2.0801	* 2.1830	* 2.0697	* 1.8132	* 1.8312	* 1.6802	* 3.0494
	* 1.9501	* 2.0983	* 2.1801	* 2.0545	* 1.7961	* 1.8439	* 1.7239	* 3.0114
	* 1.9937	* 2.0982	* 2.1648	* 2.0352	* 1.7950	* 1.8417	* 1.7503	* 2.9474
	* 2.0139	* 2.0790	* 2.1352	* 2.0194	* 1.8056	* 1.8453	* 1.7813	* 2.8130

11	* 2.3086	* 1.8617	* 2.1089	* 1.8914	* 2.0433	* 1.8134	* 1.6596	* 3.4155
	* 2.2574	* 1.8674	* 2.1415	* 1.9635	* 2.0614	* 1.7712	* 1.6752	* 3.3699
	* 2.2025	* 1.8276	* 2.1008	* 1.9422	* 2.0227	* 1.7074	* 1.6824	* 3.3500
	* 2.1752	* 1.8092	* 2.0693	* 1.9099	* 1.9944	* 1.7096	* 1.7214	* 3.3388
	* 2.1791	* 1.8026	* 2.0543	* 1.8661	* 1.9810	* 1.7198	* 1.7688	* 3.3162
	* 2.1767	* 1.8142	* 2.0350	* 1.8433	* 1.9609	* 1.7362	* 1.8061	* 3.2518
	* 2.1613	* 1.8245	* 2.0193	* 1.8402	* 1.9503	* 1.7587	* 1.8642	* 3.1130

12	* 2.0200	* 1.9355	* 1.7430	* 2.0431	* 1.9928	* 1.5776	* 2.4042	*
	* 1.9139	* 1.9429	* 1.8106	* 2.0612	* 2.0998	* 1.6929	* 2.4283	*
	* 1.8163	* 1.9015	* 1.8421	* 2.0225	* 2.1503	* 1.7385	* 2.4524	*
	* 1.8279	* 1.8815	* 1.8130	* 1.9944	* 2.1673	* 1.7887	* 2.4708	*
	* 1.8561	* 1.8826	* 1.7960	* 1.9810	* 2.1701	* 1.8350	* 2.4791	*
	* 1.8948	* 1.8784	* 1.7950	* 1.9609	* 2.1431	* 1.8674	* 2.4527	*
	* 1.9305	* 1.8799	* 1.8056	* 1.9504	* 2.1093	* 1.8937	* 2.3967	*

13	* 1.8631	* 1.8155	* 1.8415	* 1.8132	* 1.5774	* 2.2712	* 4.2927	*
	* 1.8597	* 1.8252	* 1.8413	* 1.7708	* 1.6927	* 2.4758	* 4.5616	*
	* 1.8625	* 1.8327	* 1.8260	* 1.7071	* 1.7384	* 2.6060	* 4.6692	*
	* 1.8887	* 1.8566	* 1.8309	* 1.7094	* 1.7887	* 2.6649	* 4.6455	*
	* 1.9215	* 1.8881	* 1.8437	* 1.7198	* 1.8350	* 2.6712	* 4.5330	*
	* 1.9363	* 1.9011	* 1.8416	* 1.7361	* 1.8674	* 2.6220	* 4.3345	*
	* 1.9379	* 1.9048	* 1.8452	* 1.7587	* 1.8937	* 2.5221	* 3.9993	*

14	* 1.6988	* 1.6913	* 1.6372	* 1.6591	* 2.4034	* 4.2933	*	*
	* 1.7201	* 1.7059	* 1.6687	* 1.6748	* 2.4275	* 4.5615	*	*
	* 1.6970	* 1.6725	* 1.6599	* 1.6821	* 2.4518	* 4.6675	*	*
	* 1.7205	* 1.6909	* 1.6800	* 1.7213	* 2.4703	* 4.6436	*	*
	* 1.7747	* 1.7323	* 1.7238	* 1.7687	* 2.4787	* 4.5309	*	*
	* 1.8081	* 1.7555	* 1.7502	* 1.8061	* 2.4524	* 4.3323	*	*
	* 1.8419	* 1.7827	* 1.7813	* 1.8643	* 2.3965	* 3.9972	*	*

15	* 3.3552	* 3.4773	* 3.3475	* 3.4148	* 4 EFPD	118 % POWER		
	* 3.1620	* 3.2410	* 3.2060	* 3.3692	* 75 EFPD	118 % POWER		
	* 3.0494	* 3.0951	* 3.1056	* 3.3496	* 150 EFPD	118 % POWER		
	* 3.0015	* 3.0238	* 3.0489	* 3.3385	* 225 EFPD	118 % POWER		
	* 2.9741	* 2.9760	* 3.0109	* 3.3161	* 300 EFPD	118 % POWER		
	* 2.9077	* 2.9068	* 2.9471	* 3.2518	* 375 EFPD	118 % POWER		
	* 2.7790	* 2.7761	* 2.8128	* 3.1131	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 2.5259	* 2.4086	* 2.0325	* 2.4190	* 2.1054	* 1.9411	* 1.7609	* 3.5602
	* 2.6004	* 2.3872	* 1.9633	* 2.3508	* 1.9824	* 1.9289	* 1.7733	* 3.3318
	* 2.6817	* 2.4159	* 1.9474	* 2.3096	* 1.8840	* 1.9379	* 1.7515	* 3.2167
	* 2.7580	* 2.4701	* 1.9982	* 2.2953	* 1.9082	* 1.9793	* 1.7871	* 3.1847
	* 2.8028	* 2.5168	* 2.0538	* 2.3106	* 1.9493	* 2.0231	* 1.8520	* 3.1698
	* 2.7947	* 2.5262	* 2.1075	* 2.3154	* 1.9983	* 2.0479	* 1.8979	* 3.1091
	* 2.7165	* 2.4909	* 2.1350	* 2.3049	* 2.0416	* 2.0518	* 1.9340	* 2.9754

9	* 2.4086	* 1.9474	* 2.1562	* 1.9448	* 2.0279	* 1.8920	* 1.7556	* 3.6788
	* 2.3872	* 1.9286	* 2.1501	* 1.9402	* 2.0275	* 1.8938	* 1.7610	* 3.4050
	* 2.4159	* 1.9166	* 2.1613	* 1.8998	* 1.9881	* 1.9068	* 1.7263	* 3.2555
	* 2.4701	* 1.9672	* 2.1922	* 1.8904	* 1.9784	* 1.9440	* 1.7561	* 3.1992
	* 2.5168	* 2.0186	* 2.2233	* 1.8912	* 1.9890	* 1.9872	* 1.8088	* 3.1617
	* 2.5262	* 2.0601	* 2.2300	* 1.9131	* 1.9949	* 2.0108	* 1.8467	* 3.0976
	* 2.4909	* 2.0618	* 2.2149	* 1.9281	* 1.9996	* 2.0167	* 1.8735	* 2.9617

10	* 2.0325	* 2.1560	* 2.1417	* 2.2205	* 1.8184	* 1.9249	* 1.7044	* 3.5574
	* 1.9633	* 2.1500	* 2.2228	* 2.2439	* 1.8795	* 1.9169	* 1.7263	* 3.3824
	* 1.9474	* 2.1611	* 2.2786	* 2.2043	* 1.9191	* 1.9052	* 1.7173	* 3.2910
	* 1.9982	* 2.1920	* 2.3057	* 2.1827	* 1.8942	* 1.9234	* 1.7490	* 3.2490
	* 2.0538	* 2.2231	* 2.3127	* 2.1769	* 1.8877	* 1.9484	* 1.8057	* 3.2198
	* 2.1075	* 2.2299	* 2.3033	* 2.1675	* 1.9019	* 1.9605	* 1.8451	* 3.1618
	* 2.1350	* 2.2148	* 2.2773	* 2.1552	* 1.9120	* 1.9599	* 1.8752	* 3.0206

11	* 2.4190	* 1.9446	* 2.2200	* 1.9896	* 2.1580	* 1.9049	* 1.7339	* 3.6628
	* 2.3508	* 1.9401	* 2.2434	* 2.0487	* 2.1628	* 1.8379	* 1.7374	* 3.5898
	* 2.3096	* 1.8997	* 2.2039	* 2.0276	* 2.1255	* 1.7725	* 1.7476	* 3.5733
	* 2.2953	* 1.8902	* 2.1823	* 2.0040	* 2.1071	* 1.7855	* 1.7995	* 3.5800
	* 2.3106	* 1.8912	* 2.1766	* 1.9668	* 2.1023	* 1.8108	* 1.8613	* 3.5670
	* 2.3154	* 1.9131	* 2.1673	* 1.9530	* 2.0936	* 1.8402	* 1.9122	* 3.5084
	* 2.3049	* 1.9280	* 2.1551	* 1.9477	* 2.0794	* 1.8596	* 1.9654	* 3.3588

12	* 2.1054	* 2.0276	* 1.8180	* 2.1578	* 2.1034	* 1.6547	* 2.5845	*
	* 1.9824	* 2.0273	* 1.8790	* 2.1626	* 2.2049	* 1.7632	* 2.5912	*
	* 1.8840	* 1.9879	* 1.9187	* 2.1253	* 2.2632	* 1.8137	* 2.6203	*
	* 1.9082	* 1.9783	* 1.8941	* 2.1070	* 2.2943	* 1.8769	* 2.6544	*
	* 1.9493	* 1.9889	* 1.8876	* 2.1023	* 2.3076	* 1.9382	* 2.6745	*
	* 1.9983	* 1.9949	* 1.9019	* 2.0936	* 2.2929	* 1.9827	* 2.6617	*
	* 2.0416	* 1.9996	* 1.9120	* 2.0795	* 2.2526	* 2.0030	* 2.5911	*

13	* 1.9411	* 1.8910	* 1.9243	* 1.9046	* 1.6545	* 2.4454	* 4.6398	*
	* 1.9289	* 1.8927	* 1.9164	* 1.8374	* 1.7629	* 2.6498	* 4.9009	*
	* 1.9379	* 1.9058	* 1.9049	* 1.7722	* 1.8135	* 2.7944	* 5.0271	*
	* 1.9793	* 1.9431	* 1.9231	* 1.7853	* 1.8768	* 2.8724	* 5.0297	*
	* 2.0231	* 1.9864	* 1.9482	* 1.8107	* 1.9382	* 2.8899	* 4.9272	*
	* 2.0479	* 2.0100	* 1.9604	* 1.8402	* 1.9827	* 2.8544	* 4.7338	*
	* 2.0518	* 2.0160	* 1.9599	* 1.8596	* 2.0030	* 2.7383	* 4.3645	*

14	* 1.7609	* 1.7551	* 1.7039	* 1.7335	* 2.5835	* 4.6398	*	*
	* 1.7733	* 1.7606	* 1.7259	* 1.7370	* 2.5904	* 4.9006	*	*
	* 1.7515	* 1.7259	* 1.7170	* 1.7473	* 2.6197	* 5.0251	*	*
	* 1.7871	* 1.7558	* 1.7488	* 1.7994	* 2.6539	* 5.0278	*	*
	* 1.8520	* 1.8086	* 1.8056	* 1.8613	* 2.6741	* 4.9253	*	*
	* 1.8979	* 1.8466	* 1.8451	* 1.9122	* 2.6614	* 4.7317	*	*
	* 1.9340	* 1.8735	* 1.8751	* 1.9654	* 2.5909	* 4.3624	*	*

15	* 3.5602	* 3.6775	* 3.5563	* 3.6619	* 4 EFPD	118 % POWER		
	* 3.3318	* 3.4038	* 3.3815	* 3.5891	* 75 EFPD	118 % POWER		
	* 3.2167	* 3.2545	* 3.2901	* 3.5728	* 150 EFPD	118 % POWER		
	* 3.1847	* 3.1984	* 3.2484	* 3.5798	* 225 EFPD	118 % POWER		
	* 3.1698	* 3.1612	* 3.2193	* 3.5669	* 300 EFPD	118 % POWER		
	* 3.1091	* 3.0971	* 3.1616	* 3.5084	* 375 EFPD	118 % POWER		
	* 2.9754	* 2.9613	* 3.0204	* 3.3589	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 13 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.6609	* 2.5338	* 2.1320	* 2.5399	* 2.2149	* 2.0509	* 1.8576	* 3.7372
	* 2.6688	* 2.4554	* 2.0247	* 2.4300	* 2.0662	* 2.0279	* 1.8596	* 3.5069
	* 2.7761	* 2.5047	* 2.0159	* 2.3988	* 1.9792	* 2.0432	* 1.8396	* 3.3910
	* 2.9092	* 2.6013	* 2.0959	* 2.4200	* 2.0224	* 2.0987	* 1.8880	* 3.3757
	* 2.9667	* 2.6604	* 2.1672	* 2.4514	* 2.0766	* 2.1549	* 1.9650	* 3.3718
	* 2.9681	* 2.6803	* 2.2363	* 2.4684	* 2.1387	* 2.1889	* 2.0213	* 3.3162
	* 2.8987	* 2.6565	* 2.2809	* 2.4718	* 2.1945	* 2.1988	* 2.0656	* 3.1787

9	* 2.5338	* 2.0402	* 2.2630	* 2.0343	* 2.1521	* 1.9980	* 1.8523	* 3.8648
	* 2.4554	* 1.9940	* 2.2218	* 2.0054	* 2.1186	* 1.9898	* 1.8465	* 3.5791
	* 2.5047	* 1.9922	* 2.2455	* 1.9893	* 2.0865	* 2.0086	* 1.8126	* 3.4272
	* 2.6013	* 2.0629	* 2.3046	* 2.0000	* 2.1034	* 2.0605	* 1.8545	* 3.3864
	* 2.6604	* 2.1249	* 2.3482	* 2.0141	* 2.1247	* 2.1158	* 1.9187	* 3.3591
	* 2.6803	* 2.1776	* 2.3682	* 2.0469	* 2.1390	* 2.1486	* 1.9667	* 3.3013
	* 2.6565	* 2.1954	* 2.3682	* 2.0694	* 2.1505	* 2.1598	* 2.0007	* 3.1622

10	* 2.1320	* 2.2628	* 2.2464	* 2.3249	* 1.9255	* 2.0333	* 1.7975	* 3.7563
	* 2.0247	* 2.2216	* 2.3066	* 2.3399	* 1.9794	* 2.0114	* 1.8103	* 3.5626
	* 2.0159	* 2.2453	* 2.3783	* 2.3149	* 2.0246	* 2.0050	* 1.8038	* 3.4677
	* 2.0959	* 2.3044	* 2.4249	* 2.3105	* 2.0083	* 2.0365	* 1.8476	* 3.4419
	* 2.1672	* 2.3481	* 2.4465	* 2.3185	* 2.0080	* 2.0718	* 1.9157	* 3.4246
	* 2.2363	* 2.3681	* 2.4496	* 2.3200	* 2.0300	* 2.0924	* 1.9640	* 3.3731
	* 2.2809	* 2.3681	* 2.4372	* 2.3178	* 2.0473	* 2.0984	* 2.0012	* 3.2279

11	* 2.5399	* 2.0340	* 2.3244	* 2.0820	* 2.2912	* 2.0186	* 1.8260	* 3.8726
	* 2.4300	* 2.0053	* 2.3394	* 2.1409	* 2.2794	* 1.9261	* 1.8198	* 3.7830
	* 2.3988	* 1.9892	* 2.3145	* 2.1287	* 2.2450	* 1.8618	* 1.8353	* 3.7729
	* 2.4200	* 1.9999	* 2.3102	* 2.1207	* 2.2378	* 1.8868	* 1.9017	* 3.8003
	* 2.4514	* 2.0140	* 2.3182	* 2.0927	* 2.2422	* 1.9248	* 1.9760	* 3.7988
	* 2.4684	* 2.0469	* 2.3198	* 2.0853	* 2.2414	* 1.9643	* 2.0379	* 3.7456
	* 2.4718	* 2.0694	* 2.3176	* 2.0874	* 2.2341	* 1.9924	* 2.1001	* 3.5893

12	* 2.2149	* 2.1518	* 1.9250	* 2.2911	* 2.2355	* 1.7553	* 2.7423	*
	* 2.0662	* 2.1184	* 1.9790	* 2.2791	* 2.3288	* 1.8566	* 2.7307	*
	* 1.9792	* 2.0864	* 2.0244	* 2.2448	* 2.3954	* 1.9137	* 2.7665	*
	* 2.0224	* 2.1033	* 2.0081	* 2.2377	* 2.4413	* 1.9915	* 2.8176	*
	* 2.0766	* 2.1246	* 2.0079	* 2.2422	* 2.4661	* 2.0655	* 2.8499	*
	* 2.1387	* 2.1390	* 2.0300	* 2.2415	* 2.4590	* 2.1205	* 2.8443	*
	* 2.1945	* 2.1506	* 2.0473	* 2.2341	* 2.4238	* 2.1490	* 2.7754	*

13	* 2.0509	* 1.9969	* 2.0327	* 2.0183	* 1.7550	* 2.6060	* 4.8903	*
	* 2.0279	* 1.9887	* 2.0108	* 1.9256	* 1.8563	* 2.8044	* 5.1396	*
	* 2.0432	* 2.0075	* 2.0046	* 1.8615	* 1.9135	* 2.9624	* 5.2797	*
	* 2.0987	* 2.0595	* 2.0362	* 1.8866	* 1.9915	* 3.0603	* 5.3057	*
	* 2.1549	* 2.1149	* 2.0716	* 1.9247	* 2.0656	* 3.0903	* 5.2192	*
	* 2.1889	* 2.1478	* 2.0923	* 1.9643	* 2.1205	* 3.0607	* 5.0338	*
	* 2.1988	* 2.1591	* 2.0983	* 1.9925	* 2.1490	* 2.9418	* 4.6593	*

14	* 1.8576	* 1.8518	* 1.7970	* 1.8255	* 2.7413	* 4.8907	*	*
	* 1.8596	* 1.8462	* 1.8099	* 1.8194	* 2.7298	* 5.1397	*	*
	* 1.8396	* 1.8122	* 1.8034	* 1.8351	* 2.7658	* 5.2779	*	*
	* 1.8880	* 1.8542	* 1.8474	* 1.9016	* 2.8171	* 5.3039	*	*
	* 1.9650	* 1.9185	* 1.9155	* 1.9760	* 2.8495	* 5.2175	*	*
	* 2.0213	* 1.9665	* 1.9640	* 2.0380	* 2.8439	* 5.0318	*	*
	* 2.0656	* 2.0007	* 2.0012	* 2.1002	* 2.7752	* 4.6571	*	*

15	* 3.7372	* 3.8635	* 3.7553	* 3.8719	* 4 EFPD	118 % POWER		
	* 3.5069	* 3.5778	* 3.5616	* 3.7823	* 75 EFPD	118 % POWER		
	* 3.3910	* 3.4261	* 3.4667	* 3.7724	* 150 EFPD	118 % POWER		
	* 3.3757	* 3.3855	* 3.4413	* 3.8001	* 225 EFPD	118 % POWER		
	* 3.3718	* 3.3586	* 3.4242	* 3.7988	* 300 EFPD	118 % POWER		
	* 3.3162	* 3.3007	* 3.3728	* 3.7457	* 375 EFPD	118 % POWER		
	* 3.1787	* 3.1618	* 3.2278	* 3.5894	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.6440	* 2.5110	* 2.1264	* 2.5148	* 2.2449	* 2.0875	* 1.8965	* 3.8146
	* 2.6314	* 2.4036	* 1.9857	* 2.3749	* 2.0441	* 2.0045	* 1.8440	* 3.4534
	* 2.7207	* 2.4397	* 1.9778	* 2.3575	* 1.9533	* 2.0303	* 1.8401	* 3.3653
	* 2.8354	* 2.5354	* 2.0659	* 2.3883	* 2.0048	* 2.1169	* 1.9217	* 3.3988
	* 2.9166	* 2.6206	* 2.1599	* 2.4373	* 2.0775	* 2.1996	* 2.0265	* 3.4330
	* 2.9433	* 2.6622	* 2.2410	* 2.4692	* 2.1564	* 2.2547	* 2.1064	* 3.4057
	* 2.9736	* 2.7107	* 2.3494	* 2.5415	* 2.2842	* 2.3414	* 2.2316	* 3.3626

9	* 2.5110	* 2.0468	* 2.2687	* 2.0564	* 2.1743	* 2.0350	* 1.8913	* 3.9491
	* 2.4036	* 1.9559	* 2.1765	* 1.9683	* 2.0946	* 1.9700	* 1.8329	* 3.5339
	* 2.4397	* 1.9498	* 2.1978	* 1.9640	* 2.0562	* 1.9994	* 1.8169	* 3.4076
	* 2.5354	* 2.0368	* 2.2676	* 1.9832	* 2.0844	* 2.0821	* 1.8927	* 3.4188
	* 2.6206	* 2.1228	* 2.3372	* 2.0201	* 2.1260	* 2.1630	* 1.9844	* 3.4324
	* 2.6622	* 2.1921	* 2.3727	* 2.0703	* 2.1577	* 2.2167	* 2.0559	* 3.4047
	* 2.7107	* 2.2689	* 2.4347	* 2.1693	* 2.2446	* 2.3071	* 2.1683	* 3.3630

10	* 2.1264	* 2.2685	* 2.2572	* 2.3514	* 1.9539	* 2.0819	* 1.8468	* 3.8429
	* 1.9857	* 2.1763	* 2.2613	* 2.3064	* 1.9558	* 2.0073	* 1.8113	* 3.5421
	* 1.9778	* 2.1976	* 2.3245	* 2.2835	* 2.0065	* 2.0158	* 1.8172	* 3.4490
	* 2.0659	* 2.2674	* 2.4018	* 2.2951	* 2.0182	* 2.0783	* 1.8948	* 3.4738
	* 2.1599	* 2.3371	* 2.4543	* 2.3219	* 2.0399	* 2.1399	* 1.9908	* 3.4966
	* 2.2410	* 2.3725	* 2.4712	* 2.3412	* 2.0830	* 2.1816	* 2.0633	* 3.4749
	* 2.3494	* 2.4346	* 2.5259	* 2.4147	* 2.1827	* 2.2706	* 2.1699	* 3.4245

11	* 2.5148	* 2.0562	* 2.3510	* 2.1196	* 2.3565	* 2.0871	* 1.8915	* 3.9459
	* 2.3749	* 1.9682	* 2.3059	* 2.1324	* 2.2696	* 1.9365	* 1.8374	* 3.7519
	* 2.3575	* 1.9639	* 2.2830	* 2.1199	* 2.2413	* 1.8846	* 1.8638	* 3.7603
	* 2.3883	* 1.9832	* 2.2947	* 2.1329	* 2.2592	* 1.9353	* 1.9616	* 3.8434
	* 2.4373	* 2.0200	* 2.3216	* 2.1222	* 2.2875	* 1.9933	* 2.0644	* 3.8893
	* 2.4692	* 2.0703	* 2.3409	* 2.1375	* 2.3083	* 2.0560	* 2.1520	* 3.8733
	* 2.5415	* 2.1693	* 2.4145	* 2.2203	* 2.3846	* 2.1633	* 2.2798	* 3.8007

12	* 2.2449	* 2.1739	* 1.9534	* 2.3563	* 2.3185	* 1.8299	* 2.8000	*
	* 2.0441	* 2.0944	* 1.9554	* 2.2694	* 2.3554	* 1.8851	* 2.7221	*
	* 1.9533	* 2.0561	* 2.0062	* 2.2412	* 2.4288	* 1.9519	* 2.7701	*
	* 2.0048	* 2.0844	* 2.0180	* 2.2591	* 2.5016	* 2.0585	* 2.8593	*
	* 2.0775	* 2.1259	* 2.0398	* 2.2875	* 2.5377	* 2.1594	* 2.9239	*
	* 2.1564	* 2.1577	* 2.0830	* 2.3084	* 2.5482	* 2.2400	* 2.9456	*
	* 2.2842	* 2.2447	* 2.1827	* 2.3847	* 2.6023	* 2.3279	* 2.9511	*

13	* 2.0875	* 2.0338	* 2.0812	* 2.0866	* 1.8296	* 2.6747	* 5.0949	*
	* 2.0045	* 1.9689	* 2.0067	* 1.9361	* 1.8848	* 2.8141	* 5.2225	*
	* 2.0303	* 1.9984	* 2.0154	* 1.8842	* 1.9517	* 2.9854	* 5.3840	*
	* 2.1169	* 2.0812	* 2.0780	* 1.9352	* 2.0584	* 3.1203	* 5.4739	*
	* 2.1996	* 2.1621	* 2.1397	* 1.9933	* 2.1594	* 3.1802	* 5.4349	*
	* 2.2547	* 2.2159	* 2.1815	* 2.0560	* 2.2400	* 3.1730	* 5.2809	*
	* 2.3414	* 2.3063	* 2.2705	* 2.1633	* 2.3279	* 3.1135	* 4.9155	*

14	* 1.8965	* 1.8907	* 1.8462	* 1.8910	* 2.7989	* 5.0955	*	*
	* 1.8441	* 1.8326	* 1.8107	* 1.8370	* 2.7211	* 5.2224	*	*
	* 1.8401	* 1.8165	* 1.8168	* 1.8635	* 2.7693	* 5.3819	*	*
	* 1.9217	* 1.8925	* 1.8946	* 1.9614	* 2.8588	* 5.4716	*	*
	* 2.0265	* 1.9842	* 1.9907	* 2.0644	* 2.9234	* 5.4323	*	*
	* 2.1064	* 2.0557	* 2.0632	* 2.1520	* 2.9453	* 5.2778	*	*
	* 2.2316	* 2.1682	* 2.1699	* 2.2799	* 2.9509	* 4.9125	*	*

15	* 3.8146	* 3.9476	* 3.8416	* 3.9449	* 4	EFFD 118	% POWER	*
	* 3.4534	* 3.5326	* 3.5410	* 3.7510	* 75	EFFD 118	% POWER	*
	* 3.3653	* 3.4065	* 3.4481	* 3.7597	* 150	EFFD 118	% POWER	*
	* 3.3988	* 3.4179	* 3.4733	* 3.8432	* 225	EFFD 118	% POWER	*
	* 3.4330	* 3.4319	* 3.4962	* 3.8892	* 300	EFFD 118	% POWER	*
	* 3.4057	* 3.4042	* 3.4747	* 3.8734	* 375	EFFD 118	% POWER	*
	* 3.3626	* 3.3626	* 3.4244	* 3.8008	* 485	EFFD 118	% POWER	*

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 11 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.5507	* 2.4172	* 2.0296	* 2.4283	* 2.1483	* 2.0041	* 1.8121	* 3.7021
	* 2.5463	* 2.3197	* 1.8977	* 2.2878	* 1.9593	* 1.9317	* 1.7667	* 3.3747
	* 2.6332	* 2.3563	* 1.8908	* 2.2720	* 1.8813	* 1.9681	* 1.7696	* 3.3029
	* 2.7360	* 2.4377	* 1.9663	* 2.2931	* 1.9213	* 2.0500	* 1.8443	* 3.3356
	* 2.8091	* 2.5133	* 2.0525	* 2.3430	* 1.9933	* 2.1288	* 1.9443	* 3.3709
	* 2.8268	* 2.5503	* 2.1375	* 2.3793	* 2.0739	* 2.1812	* 2.0206	* 3.3427
	* 2.7982	* 2.5662	* 2.2183	* 2.4187	* 2.1569	* 2.2239	* 2.1027	* 3.2385

9	* 2.4172	* 1.9528	* 2.1752	* 1.9598	* 2.0980	* 1.9523	* 1.8086	* 3.8251
	* 2.3197	* 1.8727	* 2.0934	* 1.8797	* 2.0163	* 1.8961	* 1.7569	* 3.4431
	* 2.3563	* 1.8645	* 2.1168	* 1.8811	* 1.9857	* 1.9358	* 1.7463	* 3.3366
	* 2.4377	* 1.9379	* 2.1743	* 1.8975	* 2.0110	* 2.0127	* 1.8148	* 3.3464
	* 2.5133	* 2.0151	* 2.2357	* 1.9355	* 2.0537	* 2.0896	* 1.9021	* 3.3593
	* 2.5503	* 2.0826	* 2.2734	* 1.9860	* 2.0862	* 2.1409	* 1.9705	* 3.3300
	* 2.5662	* 2.1389	* 2.3120	* 2.0432	* 2.1295	* 2.1876	* 2.0444	* 3.2276

10	* 2.0296	* 2.1750	* 2.1632	* 2.2527	* 1.8766	* 2.0011	* 1.7674	* 3.7416
	* 1.8977	* 2.0932	* 2.1761	* 2.2184	* 1.8824	* 1.9348	* 1.7363	* 3.4509
	* 1.8908	* 2.1166	* 2.2425	* 2.1993	* 1.9317	* 1.9459	* 1.7441	* 3.3955
	* 1.9663	* 2.1741	* 2.3067	* 2.2100	* 1.9416	* 2.0033	* 1.8148	* 3.4176
	* 2.0525	* 2.2356	* 2.3509	* 2.2375	* 1.9578	* 2.0612	* 1.9064	* 3.4380
	* 2.1375	* 2.2733	* 2.3723	* 2.2617	* 1.9979	* 2.1019	* 1.9754	* 3.4132
	* 2.2183	* 2.3119	* 2.3996	* 2.2941	* 2.0571	* 2.1497	* 2.0546	* 3.3054

11	* 2.4283	* 1.9596	* 2.2522	* 2.0226	* 2.2788	* 2.0062	* 1.8144	* 3.8794
	* 2.2878	* 1.8796	* 2.2180	* 2.0405	* 2.1988	* 1.8618	* 1.7639	* 3.6816
	* 2.2720	* 1.8810	* 2.1989	* 2.0292	* 2.1703	* 1.8074	* 1.7875	* 3.7096
	* 2.2931	* 1.8975	* 2.2096	* 2.0431	* 2.1850	* 1.8546	* 1.8784	* 3.7889
	* 2.3430	* 1.9354	* 2.2373	* 2.0363	* 2.2098	* 1.9081	* 1.9760	* 3.8300
	* 2.3793	* 1.9860	* 2.2614	* 2.0484	* 2.2274	* 1.9677	* 2.0599	* 3.8073
	* 2.4187	* 2.0432	* 2.2939	* 2.0891	* 2.2603	* 2.0403	* 2.1683	* 3.6937

12	* 2.1483	* 2.0976	* 1.8762	* 2.2786	* 2.2381	* 1.7557	* 2.7556	*
	* 1.9593	* 2.0161	* 1.8819	* 2.1985	* 2.2860	* 1.8154	* 2.6784	*
	* 1.8813	* 1.9857	* 1.9316	* 2.1701	* 2.3498	* 1.8760	* 2.7266	*
	* 1.9213	* 2.0109	* 1.9414	* 2.1849	* 2.4111	* 1.9745	* 2.8085	*
	* 1.9933	* 2.0537	* 1.9577	* 2.2098	* 2.4447	* 2.0691	* 2.8681	*
	* 2.0739	* 2.0862	* 1.9979	* 2.2274	* 2.4580	* 2.1450	* 2.8871	*
	* 2.1569	* 2.1295	* 2.0571	* 2.2604	* 2.4679	* 2.2194	* 2.8628	*

13	* 2.0041	* 1.9512	* 2.0004	* 2.0057	* 1.7555	* 2.6307	* 4.9711	*
	* 1.9317	* 1.8950	* 1.9342	* 1.8613	* 1.8151	* 2.7700	* 5.1223	*
	* 1.9681	* 1.9348	* 1.9455	* 1.8071	* 1.8758	* 2.9286	* 5.2725	*
	* 2.0500	* 2.0118	* 2.0030	* 1.8545	* 1.9744	* 3.0526	* 5.3479	*
	* 2.1288	* 2.0887	* 2.0610	* 1.9081	* 2.0691	* 3.1100	* 5.3034	*
	* 2.1812	* 2.1401	* 2.1018	* 1.9677	* 2.1450	* 3.1084	* 5.1520	*
	* 2.2239	* 2.1869	* 2.1497	* 2.0403	* 2.2194	* 3.0381	* 4.8428	*

14	* 1.8121	* 1.8080	* 1.7668	* 1.8138	* 2.7545	* 4.9710	*	*
	* 1.7667	* 1.7566	* 1.7358	* 1.7634	* 2.6774	* 5.1221	*	*
	* 1.7696	* 1.7459	* 1.7437	* 1.7872	* 2.7258	* 5.2705	*	*
	* 1.8443	* 1.8146	* 1.8146	* 1.8782	* 2.8080	* 5.3458	*	*
	* 1.9443	* 1.9020	* 1.9063	* 1.9759	* 2.8677	* 5.3014	*	*
	* 2.0206	* 1.9703	* 1.9754	* 2.0600	* 2.8868	* 5.1499	*	*
	* 2.1027	* 2.0443	* 2.0546	* 2.1683	* 2.8626	* 4.8405	*	*

15	* 3.7021	* 3.8237	* 3.7405	* 3.8785	* 4 EFPD	118 % POWER		
	* 3.3747	* 3.4418	* 3.4499	* 3.6808	* 75 EFPD	118 % POWER		
	* 3.3029	* 3.3355	* 3.3945	* 3.7092	* 150 EFPD	118 % POWER		
	* 3.3356	* 3.3455	* 3.4170	* 3.7887	* 225 EFPD	118 % POWER		
	* 3.3709	* 3.3587	* 3.4376	* 3.8300	* 300 EFPD	118 % POWER		
	* 3.3427	* 3.3294	* 3.4130	* 3.8074	* 375 EFPD	118 % POWER		
	* 3.2385	* 3.2271	* 3.3053	* 3.6938	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.4275	* 2.2969	* 1.9233	* 2.3112	* 2.0372	* 1.8983	* 1.7107	* 3.5188
	* 2.4079	* 2.1906	* 1.7903	* 2.1641	* 1.8501	* 1.8193	* 1.6583	* 3.1782
	* 2.4858	* 2.2218	* 1.7829	* 2.1489	* 1.7791	* 1.8630	* 1.6682	* 3.1236
	* 2.5814	* 2.2991	* 1.8554	* 2.1717	* 1.8182	* 1.9384	* 1.7393	* 3.1398
	* 2.6567	* 2.3758	* 1.9415	* 2.2232	* 1.8913	* 2.0250	* 1.8464	* 3.1888
	* 2.6905	* 2.4272	* 2.0361	* 2.2731	* 1.9808	* 2.0933	* 1.9363	* 3.1939
	* 2.6557	* 2.4315	* 2.1003	* 2.3006	* 2.0542	* 2.1291	* 2.0052	* 3.1066

9	* 2.2969	* 1.8514	* 2.0685	* 1.8583	* 1.9859	* 1.8482	* 1.7068	* 3.6298
	* 2.1906	* 1.7665	* 1.9789	* 1.7728	* 1.9063	* 1.7841	* 1.6485	* 3.2361
	* 2.2218	* 1.7569	* 1.9998	* 1.7761	* 1.8808	* 1.8306	* 1.6455	* 3.1496
	* 2.2991	* 1.8265	* 2.0555	* 1.7940	* 1.9054	* 1.9020	* 1.7109	* 3.1444
	* 2.3758	* 1.9040	* 2.1182	* 1.8346	* 1.9503	* 1.9867	* 1.8065	* 3.1752
	* 2.4272	* 1.9815	* 2.1685	* 1.8983	* 1.9984	* 2.0540	* 1.8890	* 3.1803
	* 2.4315	* 2.0206	* 2.1927	* 1.9473	* 2.0343	* 2.0927	* 1.9483	* 3.0946

10	* 1.9233	* 2.0682	* 2.0580	* 2.1418	* 1.7688	* 1.8889	* 1.6639	* 3.5363
	* 1.7903	* 1.9787	* 2.0580	* 2.0976	* 1.7644	* 1.8142	* 1.6219	* 3.2399
	* 1.7829	* 1.9996	* 2.1175	* 2.0797	* 1.8230	* 1.8338	* 1.6408	* 3.2091
	* 1.8554	* 2.0554	* 2.1813	* 2.0938	* 1.8242	* 1.8863	* 1.7077	* 3.2163
	* 1.9415	* 2.1180	* 2.2293	* 2.1257	* 1.8542	* 1.9573	* 1.8092	* 3.2593
	* 2.0361	* 2.1683	* 2.2646	* 2.1632	* 1.9139	* 2.0185	* 1.8940	* 3.2719
	* 2.1003	* 2.1926	* 2.2792	* 2.1877	* 1.9600	* 2.0524	* 1.9564	* 3.1796

11	* 2.3112	* 1.8583	* 2.1413	* 1.9165	* 2.1473	* 1.8814	* 1.7003	* 3.6532
	* 2.1641	* 1.7727	* 2.0972	* 1.9180	* 2.0579	* 1.7326	* 1.6401	* 3.4523
	* 2.1489	* 1.7760	* 2.0793	* 1.9104	* 2.0479	* 1.6968	* 1.6766	* 3.4939
	* 2.1717	* 1.7939	* 2.0935	* 1.9229	* 2.0508	* 1.7397	* 1.7600	* 3.5468
	* 2.2232	* 1.8346	* 2.1255	* 1.9248	* 2.0920	* 1.8081	* 1.8697	* 3.6135
	* 2.2731	* 1.8983	* 2.1630	* 1.9574	* 2.1339	* 1.8879	* 1.9730	* 3.6335
	* 2.3006	* 1.9473	* 2.1875	* 1.9893	* 2.1601	* 1.9422	* 2.0630	* 3.5440

12	* 2.0372	* 1.9855	* 1.7684	* 2.1471	* 2.1155	* 1.6554	* 2.5919	*
	* 1.8501	* 1.9061	* 1.7640	* 2.0576	* 2.1384	* 1.6907	* 2.5010	*
	* 1.7791	* 1.8807	* 1.8229	* 2.0477	* 2.2190	* 1.7592	* 2.5615	*
	* 1.8182	* 1.9054	* 1.8241	* 2.0508	* 2.2672	* 1.8442	* 2.6259	*
	* 1.8913	* 1.9503	* 1.8541	* 2.0920	* 2.3224	* 1.9541	* 2.7104	*
	* 1.9808	* 1.9984	* 1.9139	* 2.1340	* 2.3565	* 2.0521	* 2.7635	*
	* 2.0542	* 2.0344	* 1.9600	* 2.1602	* 2.3520	* 2.1122	* 2.7452	*

13	* 1.8983	* 1.8471	* 1.8883	* 1.8809	* 1.6551	* 2.4873	* 4.7246	*
	* 1.8193	* 1.7831	* 1.8136	* 1.7321	* 1.6904	* 2.5982	* 4.8060	*
	* 1.8630	* 1.8297	* 1.8334	* 1.6965	* 1.7590	* 2.7612	* 4.9466	*
	* 1.9384	* 1.9012	* 1.8861	* 1.7396	* 1.8442	* 2.8660	* 5.0366	*
	* 2.0250	* 1.9859	* 1.9572	* 1.8081	* 1.9541	* 2.9495	* 5.0265	*
	* 2.0933	* 2.0533	* 2.0185	* 1.8879	* 2.0521	* 2.9803	* 4.9175	*
	* 2.1291	* 2.0920	* 2.0524	* 1.9422	* 2.1122	* 2.9023	* 4.6122	*

14	* 1.7107	* 1.7063	* 1.6634	* 1.6998	* 2.5908	* 4.7243	*	*
	* 1.6583	* 1.6481	* 1.6215	* 1.6397	* 2.5001	* 4.8056	*	*
	* 1.6682	* 1.6452	* 1.6405	* 1.6763	* 2.5608	* 4.9446	*	*
	* 1.7393	* 1.7107	* 1.7075	* 1.7599	* 2.6254	* 5.0346	*	*
	* 1.8464	* 1.8064	* 1.8091	* 1.8696	* 2.7101	* 5.0246	*	*
	* 1.9363	* 1.8889	* 1.8940	* 1.9731	* 2.7632	* 4.9155	*	*
	* 2.0052	* 1.9482	* 1.9564	* 2.0631	* 2.7450	* 4.6099	*	*

15	* 3.5188	* 3.6284	* 3.5351	* 3.6523	* 4 EFPD	118 % POWER		
	* 3.1782	* 3.2349	* 3.2389	* 3.4515	* 75 EFPD	118 % POWER		
	* 3.1236	* 3.1486	* 3.2082	* 3.4935	* 150 EFPD	118 % POWER		
	* 3.1398	* 3.1436	* 3.2158	* 3.5466	* 225 EFPD	118 % POWER		
	* 3.1888	* 3.1746	* 3.2589	* 3.6136	* 300 EFPD	118 % POWER		
	* 3.1939	* 3.1798	* 3.2717	* 3.6336	* 375 EFPD	118 % POWER		
	* 3.1066	* 3.0942	* 3.1795	* 3.5442	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 9 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.3019	* 2.1754	* 1.8191	* 2.1862	* 1.9194	* 1.7819	* 1.6051	* 3.3194
	* 2.2852	* 2.0757	* 1.6932	* 2.0510	* 1.7482	* 1.7176	* 1.5633	* 3.0082
	* 2.3476	* 2.0938	* 1.6764	* 2.0259	* 1.6705	* 1.7626	* 1.5740	* 2.9323
	* 2.4262	* 2.1559	* 1.7350	* 2.0372	* 1.6994	* 1.8093	* 1.6189	* 2.9331
	* 2.4895	* 2.2215	* 1.8103	* 2.0788	* 1.7631	* 1.8874	* 1.7163	* 2.9737
	* 2.5184	* 2.2672	* 1.8973	* 2.1222	* 1.8459	* 1.9518	* 1.8020	* 2.9765
	* 2.4938	* 2.2826	* 1.9721	* 2.1627	* 1.9314	* 2.0017	* 1.8855	* 2.9088

9	* 2.1754	* 1.7507	* 1.9575	* 1.7565	* 1.8693	* 1.7327	* 1.6012	* 3.4163
	* 2.0757	* 1.6701	* 1.8742	* 1.6776	* 1.8006	* 1.6826	* 1.5535	* 3.0601
	* 2.0938	* 1.6518	* 1.8845	* 1.6693	* 1.7683	* 1.7300	* 1.5523	* 2.9587
	* 2.1559	* 1.7078	* 1.9279	* 1.6760	* 1.7828	* 1.7742	* 1.5919	* 2.9349
	* 2.2215	* 1.7747	* 1.9809	* 1.7078	* 1.8183	* 1.8507	* 1.6784	* 2.9579
	* 2.2672	* 1.8452	* 2.0258	* 1.7647	* 1.8609	* 1.9142	* 1.7570	* 2.9608
	* 2.2826	* 1.8954	* 2.0611	* 1.8275	* 1.9122	* 1.9672	* 1.8321	* 2.8940

10	* 1.8191	* 1.9573	* 1.9469	* 2.0242	* 1.6616	* 1.7687	* 1.5571	* 3.3248
	* 1.6932	* 1.8740	* 1.9505	* 1.9864	* 1.6673	* 1.7051	* 1.5246	* 3.0607
	* 1.6764	* 1.8843	* 1.9980	* 1.9598	* 1.7129	* 1.7293	* 1.5455	* 3.0106
	* 1.7350	* 1.9277	* 2.0491	* 1.9630	* 1.7018	* 1.7558	* 1.5871	* 2.9935
	* 1.8103	* 1.9807	* 2.0872	* 1.9865	* 1.7239	* 1.8196	* 1.6793	* 3.0270
	* 1.8973	* 2.0257	* 2.1172	* 2.0192	* 1.7768	* 1.8766	* 1.7597	* 3.0367
	* 1.9721	* 2.0610	* 2.1429	* 2.0580	* 1.8397	* 1.9296	* 1.8392	* 2.9651

11	* 2.1862	* 1.7564	* 2.0237	* 1.8096	* 2.0115	* 1.7603	* 1.5874	* 3.4255
	* 2.0510	* 1.6775	* 1.9860	* 1.8104	* 1.9432	* 1.6276	* 1.5382	* 3.2535
	* 2.0259	* 1.6692	* 1.9595	* 1.7967	* 1.9223	* 1.5980	* 1.5776	* 3.2782
	* 2.0372	* 1.6759	* 1.9627	* 1.7976	* 1.9162	* 1.6172	* 1.6345	* 3.3066
	* 2.0788	* 1.7077	* 1.9863	* 1.7910	* 1.9493	* 1.6778	* 1.7345	* 3.3625
	* 2.1222	* 1.7646	* 2.0191	* 1.8187	* 1.9867	* 1.7514	* 1.8309	* 3.3790
	* 2.1627	* 1.8275	* 2.0578	* 1.8654	* 2.0285	* 1.8250	* 1.9373	* 3.3071

12	* 1.9194	* 1.8690	* 1.6611	* 2.0113	* 1.9774	* 1.5423	* 2.4200	*
	* 1.7482	* 1.8004	* 1.6669	* 1.9429	* 2.0124	* 1.5851	* 2.3476	*
	* 1.6705	* 1.7682	* 1.7127	* 1.9222	* 2.0799	* 1.6560	* 2.4024	*
	* 1.6994	* 1.7828	* 1.7017	* 1.9162	* 2.1168	* 1.7145	* 2.4412	*
	* 1.7631	* 1.8182	* 1.7238	* 1.9494	* 2.1657	* 1.8140	* 2.5150	*
	* 1.8459	* 1.8609	* 1.7768	* 1.9868	* 2.1964	* 1.9047	* 2.5626	*
	* 1.9314	* 1.9122	* 1.8397	* 2.0286	* 2.2130	* 1.9815	* 2.5591	*

13	* 1.7819	* 1.7317	* 1.7680	* 1.7598	* 1.5420	* 2.3197	* 4.4311	*
	* 1.7176	* 1.6816	* 1.7045	* 1.6272	* 1.5848	* 2.4383	* 4.5165	*
	* 1.7626	* 1.7290	* 1.7289	* 1.5977	* 1.6558	* 2.5814	* 4.6457	*
	* 1.8093	* 1.7734	* 1.7556	* 1.6171	* 1.7145	* 2.6688	* 4.7152	*
	* 1.8874	* 1.8499	* 1.8195	* 1.6778	* 1.8140	* 2.7407	* 4.6954	*
	* 1.9518	* 1.9135	* 1.8766	* 1.7515	* 1.9047	* 2.7665	* 4.5884	*
	* 2.0017	* 1.9666	* 1.9296	* 1.8251	* 1.9816	* 2.7141	* 4.3097	*

14	* 1.6051	* 1.6007	* 1.5566	* 1.5869	* 2.4189	* 4.4308	*	*
	* 1.5633	* 1.5532	* 1.5241	* 1.5378	* 2.3467	* 4.5160	*	*
	* 1.5740	* 1.5519	* 1.5452	* 1.5773	* 2.4018	* 4.6439	*	*
	* 1.6189	* 1.5917	* 1.5869	* 1.6344	* 2.4407	* 4.7133	*	*
	* 1.7163	* 1.6783	* 1.6792	* 1.7345	* 2.5146	* 4.6935	*	*
	* 1.8020	* 1.7569	* 1.7597	* 1.8309	* 2.5623	* 4.5864	*	*
	* 1.8855	* 1.8320	* 1.8392	* 1.9373	* 2.5589	* 4.3074	*	*

15	* 3.3194	* 3.4148	* 3.3237	* 3.4246	* 4 EFPD	118 % POWER		
	* 3.0082	* 3.0589	* 3.0598	* 3.2527	* 75 EFPD	118 % POWER		
	* 2.9323	* 2.9577	* 3.0098	* 3.2778	* 150 EFPD	118 % POWER		
	* 2.9331	* 2.9341	* 2.9929	* 3.3064	* 225 EFPD	118 % POWER		
	* 2.9737	* 2.9574	* 3.0267	* 3.3626	* 300 EFPD	118 % POWER		
	* 2.9765	* 2.9603	* 3.0366	* 3.3792	* 375 EFPD	118 % POWER		
	* 2.9088	* 2.8936	* 2.9650	* 3.3073	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.2011	* 2.0769	* 1.7412	* 2.0774	* 1.8292	* 1.6891	* 1.5242	* 3.1332
	* 2.1950	* 1.9898	* 1.6267	* 1.9638	* 1.6765	* 1.6436	* 1.4973	* 2.8517
	* 2.2410	* 1.9955	* 1.6011	* 1.9332	* 1.5938	* 1.6721	* 1.4996	* 2.7659
	* 2.2901	* 2.0399	* 1.6441	* 1.9280	* 1.6112	* 1.7063	* 1.5280	* 2.7492
	* 2.3350	* 2.0909	* 1.7057	* 1.9558	* 1.6604	* 1.7731	* 1.6132	* 2.7739
	* 2.3591	* 2.1281	* 1.7829	* 1.9912	* 1.7329	* 1.8303	* 1.6908	* 2.7683
	* 2.3501	* 2.1462	* 1.8575	* 2.0328	* 1.8179	* 1.8803	* 1.7727	* 2.7060

9	* 2.0769	* 1.6754	* 1.8698	* 1.6798	* 1.7773	* 1.6411	* 1.5201	* 3.2234
	* 1.9898	* 1.6038	* 1.7980	* 1.6126	* 1.7224	* 1.6089	* 1.4869	* 2.9047
	* 1.9955	* 1.5776	* 1.7983	* 1.5941	* 1.6842	* 1.6426	* 1.4795	* 2.7909
	* 2.0399	* 1.6184	* 1.8272	* 1.5891	* 1.6859	* 1.6736	* 1.5025	* 2.7514
	* 2.0909	* 1.6726	* 1.8679	* 1.6092	* 1.7094	* 1.7387	* 1.5773	* 2.7606
	* 2.1281	* 1.7338	* 1.9046	* 1.6563	* 1.7437	* 1.7950	* 1.6481	* 2.7558
	* 2.1462	* 1.7845	* 1.9415	* 1.7173	* 1.7949	* 1.8467	* 1.7219	* 2.6959

10	* 1.7412	* 1.8696	* 1.8592	* 1.9310	* 1.5806	* 1.6737	* 1.4754	* 3.1329
	* 1.6267	* 1.7978	* 1.8729	* 1.9052	* 1.5995	* 1.6265	* 1.4568	* 2.9080
	* 1.6011	* 1.7981	* 1.9092	* 1.8687	* 1.6337	* 1.6443	* 1.4744	* 2.8305
	* 1.6441	* 1.8270	* 1.9456	* 1.8588	* 1.6120	* 1.6529	* 1.4962	* 2.7986
	* 1.7057	* 1.8677	* 1.9703	* 1.8703	* 1.6220	* 1.7058	* 1.5764	* 2.8169
	* 1.7829	* 1.9045	* 1.9925	* 1.8945	* 1.6647	* 1.7556	* 1.6491	* 2.8176
	* 1.8575	* 1.9414	* 2.0193	* 1.9340	* 1.7252	* 1.8090	* 1.7272	* 2.7518

11	* 2.0774	* 1.6796	* 1.9306	* 1.7299	* 1.9049	* 1.6684	* 1.5010	* 3.2034
	* 1.9638	* 1.6125	* 1.9048	* 1.7364	* 1.8568	* 1.5552	* 1.4670	* 3.0684
	* 1.9332	* 1.5940	* 1.8684	* 1.7164	* 1.8272	* 1.5211	* 1.5034	* 3.0696
	* 1.9280	* 1.5891	* 1.8585	* 1.7063	* 1.8109	* 1.5235	* 1.5388	* 3.0802
	* 1.9558	* 1.6091	* 1.8701	* 1.6868	* 1.8318	* 1.5745	* 1.6266	* 3.1210
	* 1.9912	* 1.6563	* 1.8943	* 1.7051	* 1.8614	* 1.6396	* 1.7137	* 3.1314
	* 2.0328	* 1.7173	* 1.9339	* 1.7514	* 1.9027	* 1.7113	* 1.8183	* 3.0663

12	* 1.8292	* 1.7769	* 1.5802	* 1.9048	* 1.8680	* 1.4558	* 2.2606	*
	* 1.6765	* 1.7222	* 1.5991	* 1.8566	* 1.9200	* 1.5112	* 2.2123	*
	* 1.5938	* 1.6841	* 1.6336	* 1.8271	* 1.9727	* 1.5681	* 2.2475	*
	* 1.6112	* 1.6858	* 1.6118	* 1.8108	* 1.9974	* 1.6155	* 2.2711	*
	* 1.6604	* 1.7094	* 1.6219	* 1.8319	* 2.0354	* 1.7016	* 2.3289	*
	* 1.7329	* 1.7437	* 1.6647	* 1.8615	* 2.0582	* 1.7833	* 2.3666	*
	* 1.8179	* 1.7949	* 1.7252	* 1.9029	* 2.0783	* 1.8581	* 2.3666	*

13	* 1.6891	* 1.6401	* 1.6731	* 1.6680	* 1.4555	* 2.1644	* 4.1591	*
	* 1.6436	* 1.6079	* 1.6260	* 1.5548	* 1.5109	* 2.2950	* 4.2620	*
	* 1.6721	* 1.6418	* 1.6440	* 1.5208	* 1.5679	* 2.4184	* 4.3740	*
	* 1.7063	* 1.6728	* 1.6527	* 1.5234	* 1.6154	* 2.4874	* 4.4139	*
	* 1.7731	* 1.7380	* 1.7057	* 1.5744	* 1.7016	* 2.5419	* 4.3729	*
	* 1.8303	* 1.7943	* 1.7556	* 1.6396	* 1.7833	* 2.5573	* 4.2585	*
	* 1.8803	* 1.8461	* 1.8090	* 1.7113	* 1.8581	* 2.5111	* 3.9958	*

14	* 1.5242	* 1.5197	* 1.4749	* 1.5005	* 2.2595	* 4.1587	*	*
	* 1.4973	* 1.4866	* 1.4563	* 1.4666	* 2.2113	* 4.2618	*	*
	* 1.4996	* 1.4792	* 1.4741	* 1.5031	* 2.2469	* 4.3721	*	*
	* 1.5280	* 1.5023	* 1.4960	* 1.5387	* 2.2707	* 4.4113	*	*
	* 1.6132	* 1.5772	* 1.5764	* 1.6266	* 2.3286	* 4.3704	*	*
	* 1.6908	* 1.6480	* 1.6491	* 1.7138	* 2.3663	* 4.2558	*	*
	* 1.7727	* 1.7218	* 1.7272	* 1.8184	* 2.3664	* 3.9929	*	*

15	* 3.1332	* 3.2220	* 3.1318	* 3.2026	* 4 EFPD	118 % POWER		
	* 2.8517	* 2.9035	* 2.9072	* 3.0677	* 75 EFPD	118 % POWER		
	* 2.7659	* 2.7900	* 2.8298	* 3.0692	* 150 EFPD	118 % POWER		
	* 2.7492	* 2.7506	* 2.7982	* 3.0801	* 225 EFPD	118 % POWER		
	* 2.7739	* 2.7601	* 2.8166	* 3.1211	* 300 EFPD	118 % POWER		
	* 2.7683	* 2.7554	* 2.8174	* 3.1316	* 375 EFPD	118 % POWER		
	* 2.7060	* 2.6956	* 2.7517	* 3.0665	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 7 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 2.0726	* 1.9604	* 1.6284	* 1.9738	* 1.7089	* 1.5746	* 1.4145	* 2.9924
	* 2.0901	* 1.8984	* 1.5377	* 1.8763	* 1.5816	* 1.5568	* 1.4099	* 2.7516
	* 2.1268	* 1.8954	* 1.5058	* 1.8354	* 1.4970	* 1.5738	* 1.4003	* 2.6591
	* 2.1645	* 1.9220	* 1.5336	* 1.8180	* 1.5034	* 1.5984	* 1.4184	* 2.6253
	* 2.1922	* 1.9564	* 1.5813	* 1.8319	* 1.5384	* 1.6522	* 1.4895	* 2.6321
	* 2.2047	* 1.9853	* 1.6471	* 1.8573	* 1.5994	* 1.7002	* 1.5565	* 2.6171
	* 2.1890	* 2.0052	* 1.7204	* 1.8995	* 1.6808	* 1.7497	* 1.6352	* 2.5601

9	* 1.9604	* 1.5661	* 1.7586	* 1.5706	* 1.6629	* 1.5281	* 1.4117	* 3.0706
	* 1.8984	* 1.5164	* 1.7096	* 1.5243	* 1.6315	* 1.5222	* 1.4015	* 2.7952
	* 1.8954	* 1.4831	* 1.7039	* 1.4997	* 1.5912	* 1.5436	* 1.3812	* 2.6762
	* 1.9220	* 1.5075	* 1.7182	* 1.4816	* 1.5835	* 1.5650	* 1.3940	* 2.6201
	* 1.9564	* 1.5469	* 1.7450	* 1.4887	* 1.5938	* 1.6171	* 1.4554	* 2.6114
	* 1.9853	* 1.5993	* 1.7727	* 1.5255	* 1.6193	* 1.6644	* 1.5159	* 2.5963
	* 2.0052	* 1.6499	* 1.8098	* 1.5840	* 1.6684	* 1.7159	* 1.5867	* 2.5404

10	* 1.6284	* 1.7583	* 1.7478	* 1.8151	* 1.4707	* 1.5579	* 1.3673	* 2.9853
	* 1.5377	* 1.7094	* 1.7822	* 1.8123	* 1.5053	* 1.5355	* 1.3694	* 2.8013
	* 1.5058	* 1.7037	* 1.8121	* 1.7727	* 1.5355	* 1.5413	* 1.3743	* 2.7322
	* 1.5336	* 1.7180	* 1.8336	* 1.7495	* 1.5038	* 1.5425	* 1.3869	* 2.6839
	* 1.5813	* 1.7448	* 1.8442	* 1.7483	* 1.5001	* 1.5817	* 1.4527	* 2.6842
	* 1.6471	* 1.7726	* 1.8573	* 1.7630	* 1.5333	* 1.6241	* 1.5155	* 2.6741
	* 1.7204	* 1.8097	* 1.8832	* 1.8013	* 1.5907	* 1.6759	* 1.5899	* 2.6111

11	* 1.9738	* 1.5704	* 1.8146	* 1.6177	* 1.7772	* 1.5492	* 1.3903	* 3.0742
	* 1.8763	* 1.5242	* 1.8119	* 1.6393	* 1.7553	* 1.4629	* 1.3771	* 2.9782
	* 1.8354	* 1.4997	* 1.7723	* 1.6153	* 1.7232	* 1.4176	* 1.4001	* 2.9665
	* 1.8180	* 1.4815	* 1.7493	* 1.5963	* 1.6992	* 1.4118	* 1.4262	* 2.9563
	* 1.8319	* 1.4886	* 1.7481	* 1.5613	* 1.7045	* 1.4499	* 1.4973	* 2.9728
	* 1.8573	* 1.5255	* 1.7629	* 1.5682	* 1.7246	* 1.5048	* 1.5740	* 2.9688
	* 1.8995	* 1.5840	* 1.8011	* 1.6116	* 1.7650	* 1.5741	* 1.6720	* 2.9101

12	* 1.7089	* 1.6626	* 1.4703	* 1.7770	* 1.7352	* 1.3454	* 2.1551	*
	* 1.5816	* 1.6313	* 1.5050	* 1.7551	* 1.8064	* 1.4184	* 2.1354	*
	* 1.4970	* 1.5912	* 1.5353	* 1.7231	* 1.8519	* 1.4614	* 2.1563	*
	* 1.5034	* 1.5834	* 1.5037	* 1.6992	* 1.8679	* 1.4991	* 2.1674	*
	* 1.5384	* 1.5938	* 1.5001	* 1.7045	* 1.8898	* 1.5657	* 2.2044	*
	* 1.5994	* 1.6193	* 1.5333	* 1.7247	* 1.9012	* 1.6339	* 2.2321	*
	* 1.6808	* 1.6685	* 1.5907	* 1.7651	* 1.9218	* 1.7067	* 2.2357	*

13	* 1.5746	* 1.5271	* 1.5573	* 1.5488	* 1.3451	* 2.0567	* 3.9857	*
	* 1.5568	* 1.5213	* 1.5350	* 1.4625	* 1.4181	* 2.2044	* 4.1320	*
	* 1.5738	* 1.5428	* 1.5410	* 1.4174	* 1.4613	* 2.3196	* 4.2328	*
	* 1.5984	* 1.5643	* 1.5423	* 1.4117	* 1.4990	* 2.3752	* 4.2396	*
	* 1.6522	* 1.6164	* 1.5816	* 1.4499	* 1.5657	* 2.4064	* 4.1763	*
	* 1.7002	* 1.6638	* 1.6240	* 1.5049	* 1.6339	* 2.4114	* 4.0600	*
	* 1.7497	* 1.7153	* 1.6759	* 1.5741	* 1.7067	* 2.3731	* 3.8103	*

14	* 1.4145	* 1.4112	* 1.3668	* 1.3899	* 2.1541	* 3.9847	*	*
	* 1.4099	* 1.4012	* 1.3690	* 1.3767	* 2.1345	* 4.1313	*	*
	* 1.4003	* 1.3809	* 1.3740	* 1.3999	* 2.1557	* 4.2309	*	*
	* 1.4184	* 1.3938	* 1.3868	* 1.4261	* 2.1669	* 4.2377	*	*
	* 1.4895	* 1.4552	* 1.4527	* 1.4973	* 2.2041	* 4.1746	*	*
	* 1.5565	* 1.5158	* 1.5155	* 1.5740	* 2.2319	* 4.0582	*	*
	* 1.6352	* 1.5867	* 1.5899	* 1.6721	* 2.2355	* 3.8082	*	*

15	* 2.9924	* 3.0692	* 2.9844	* 3.0733	* 4 EFPD	118 % POWER		
	* 2.7516	* 2.7940	* 2.8005	* 2.9775	* 75 EFPD	118 % POWER		
	* 2.6591	* 2.6752	* 2.7315	* 2.9661	* 150 EFPD	118 % POWER		
	* 2.6253	* 2.6194	* 2.6834	* 2.9562	* 225 EFPD	118 % POWER		
	* 2.6321	* 2.6109	* 2.6839	* 2.9729	* 300 EFPD	118 % POWER		
	* 2.6171	* 2.5959	* 2.6739	* 2.9690	* 375 EFPD	118 % POWER		
	* 2.5601	* 2.5400	* 2.6110	* 2.9104	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 1.9583	* 1.8550	* 1.5382	* 1.8697	* 1.6154	* 1.4894	* 1.3381	* 2.8448
	* 2.0244	* 1.8402	* 1.4883	* 1.8195	* 1.5274	* 1.5003	* 1.3586	* 2.6680
	* 2.0583	* 1.8351	* 1.4556	* 1.7782	* 1.4453	* 1.5125	* 1.3446	* 2.5751
	* 2.0693	* 1.8372	* 1.4626	* 1.7390	* 1.4337	* 1.5274	* 1.3528	* 2.5238
	* 2.0663	* 1.8440	* 1.4857	* 1.7277	* 1.4464	* 1.5586	* 1.4015	* 2.4970
	* 2.0598	* 1.8551	* 1.5351	* 1.7374	* 1.4920	* 1.5882	* 1.4500	* 2.4563
	* 2.0350	* 1.8670	* 1.5983	* 1.7704	* 1.5634	* 1.6311	* 1.5208	* 2.3954

9	* 1.8550	* 1.4781	* 1.6613	* 1.4831	* 1.5770	* 1.4440	* 1.3357	* 2.9198
	* 1.8402	* 1.4665	* 1.6552	* 1.4752	* 1.5740	* 1.4669	* 1.3510	* 2.7072
	* 1.8351	* 1.4330	* 1.6485	* 1.4491	* 1.5365	* 1.4825	* 1.3264	* 2.5893
	* 1.8372	* 1.4368	* 1.6417	* 1.4135	* 1.5116	* 1.4946	* 1.3297	* 2.5168
	* 1.8440	* 1.4525	* 1.6442	* 1.4017	* 1.5030	* 1.5244	* 1.3688	* 2.4744
	* 1.8551	* 1.4882	* 1.6565	* 1.4211	* 1.5111	* 1.5533	* 1.4108	* 2.4334
	* 1.8670	* 1.5303	* 1.6853	* 1.4702	* 1.5520	* 1.5981	* 1.4743	* 2.3732

10	* 1.5382	* 1.6611	* 1.6507	* 1.7141	* 1.3937	* 1.4726	* 1.2925	* 2.8475
	* 1.4883	* 1.6549	* 1.7255	* 1.7534	* 1.4493	* 1.4842	* 1.3227	* 2.7136
	* 1.4556	* 1.6483	* 1.7541	* 1.7152	* 1.4793	* 1.4795	* 1.3186	* 2.6452
	* 1.4626	* 1.6415	* 1.7549	* 1.6724	* 1.4420	* 1.4717	* 1.3217	* 2.5797
	* 1.4857	* 1.6440	* 1.7409	* 1.6473	* 1.4159	* 1.4887	* 1.3652	* 2.5442
	* 1.5351	* 1.6564	* 1.7378	* 1.6475	* 1.4268	* 1.5110	* 1.4087	* 2.5067
	* 1.5983	* 1.6852	* 1.7551	* 1.6768	* 1.4745	* 1.5564	* 1.4757	* 2.4399

11	* 1.8697	* 1.4829	* 1.7136	* 1.5279	* 1.6836	* 1.4671	* 1.3146	* 2.9327
	* 1.8195	* 1.4751	* 1.7530	* 1.5841	* 1.6924	* 1.4120	* 1.3309	* 2.8844
	* 1.7782	* 1.4490	* 1.7149	* 1.5624	* 1.6619	* 1.3616	* 1.3428	* 2.8705
	* 1.7390	* 1.4134	* 1.6721	* 1.5290	* 1.6288	* 1.3458	* 1.3585	* 2.8405
	* 1.7277	* 1.4016	* 1.6471	* 1.4757	* 1.6099	* 1.3636	* 1.4068	* 2.8173
	* 1.7374	* 1.4211	* 1.6473	* 1.4611	* 1.6081	* 1.3975	* 1.4615	* 2.7815
	* 1.7704	* 1.4702	* 1.6767	* 1.4932	* 1.6394	* 1.4574	* 1.5499	* 2.7181

12	* 1.6154	* 1.5767	* 1.3933	* 1.6834	* 1.6387	* 1.2694	* 2.0493	*
	* 1.5274	* 1.5738	* 1.4489	* 1.6922	* 1.7347	* 1.3633	* 2.0610	*
	* 1.4453	* 1.5364	* 1.4790	* 1.6618	* 1.7798	* 1.4019	* 2.0797	*
	* 1.4337	* 1.5116	* 1.4419	* 1.6288	* 1.7856	* 1.4289	* 2.0758	*
	* 1.4464	* 1.5030	* 1.4159	* 1.6100	* 1.7822	* 1.4718	* 2.0818	*
	* 1.4920	* 1.5111	* 1.4268	* 1.6082	* 1.7717	* 1.5172	* 2.0821	*
	* 1.5634	* 1.5520	* 1.4745	* 1.6395	* 1.7805	* 1.5781	* 2.0772	*

13	* 1.4894	* 1.4431	* 1.4720	* 1.4667	* 1.2691	* 1.9504	* 3.7893	*
	* 1.5003	* 1.4660	* 1.4837	* 1.4116	* 1.3631	* 2.1240	* 4.0098	*
	* 1.5125	* 1.4817	* 1.4792	* 1.3614	* 1.4018	* 2.2353	* 4.1058	*
	* 1.5274	* 1.4939	* 1.4715	* 1.3457	* 1.4289	* 2.2750	* 4.0668	*
	* 1.5586	* 1.5237	* 1.4886	* 1.3636	* 1.4718	* 2.2737	* 3.9537	*
	* 1.5882	* 1.5527	* 1.5110	* 1.3976	* 1.5172	* 2.2505	* 3.8134	*
	* 1.6311	* 1.5976	* 1.5564	* 1.4575	* 1.5782	* 2.2025	* 3.5695	*

14	* 1.3381	* 1.3353	* 1.2921	* 1.3141	* 2.0484	* 3.7886	*	*
	* 1.3586	* 1.3507	* 1.3223	* 1.3305	* 2.0601	* 4.0090	*	*
	* 1.3446	* 1.3261	* 1.3183	* 1.3425	* 2.0791	* 4.1039	*	*
	* 1.3528	* 1.3295	* 1.3216	* 1.3584	* 2.0754	* 4.0649	*	*
	* 1.4015	* 1.3687	* 1.3651	* 1.4068	* 2.0815	* 3.9520	*	*
	* 1.4500	* 1.4107	* 1.4087	* 1.4615	* 2.0819	* 3.8116	*	*
	* 1.5208	* 1.4742	* 1.4757	* 1.5500	* 2.0771	* 3.5675	*	*

15	* 2.8448	* 2.9185	* 2.8467	* 2.9319	* 4 EFPD	118 % POWER		
	* 2.6680	* 2.7061	* 2.7128	* 2.8837	* 75 EFPD	118 % POWER		
	* 2.5751	* 2.5883	* 2.6445	* 2.8701	* 150 EFPD	118 % POWER		
	* 2.5238	* 2.5160	* 2.5792	* 2.8404	* 225 EFPD	118 % POWER		
	* 2.4970	* 2.4739	* 2.5439	* 2.8174	* 300 EFPD	118 % POWER		
	* 2.4563	* 2.4329	* 2.5066	* 2.7817	* 375 EFPD	118 % POWER		
	* 2.3954	* 2.3729	* 2.4398	* 2.7183	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 1.8811	* 1.7810	* 1.4888	* 1.7824	* 1.5540	* 1.4312	* 1.2942	* 2.6876
	* 2.0081	* 1.8247	* 1.4886	* 1.8007	* 1.5229	* 1.4794	* 1.3484	* 2.6056
	* 2.0459	* 1.8231	* 1.4607	* 1.7703	* 1.4475	* 1.4953	* 1.3404	* 2.5247
	* 2.0208	* 1.7998	* 1.4451	* 1.7058	* 1.4171	* 1.4981	* 1.3374	* 2.4518
	* 1.9820	* 1.7767	* 1.4404	* 1.6649	* 1.4023	* 1.5045	* 1.3624	* 2.3881
	* 1.9540	* 1.7653	* 1.4686	* 1.6538	* 1.4282	* 1.5108	* 1.3874	* 2.3123
	* 1.9188	* 1.7528	* 1.5119	* 1.6656	* 1.4780	* 1.5331	* 1.4370	* 2.2242

9	* 1.7810	* 1.4284	* 1.5946	* 1.4318	* 1.5098	* 1.3875	* 1.2916	* 2.7615
	* 1.8247	* 1.4649	* 1.6426	* 1.4744	* 1.5576	* 1.4458	* 1.3401	* 2.6470
	* 1.8231	* 1.4367	* 1.6396	* 1.4522	* 1.5269	* 1.4658	* 1.3230	* 2.5417
	* 1.7998	* 1.4196	* 1.6114	* 1.3997	* 1.4813	* 1.4678	* 1.3156	* 2.4504
	* 1.7767	* 1.4086	* 1.5872	* 1.3624	* 1.4489	* 1.4726	* 1.3306	* 2.3706
	* 1.7653	* 1.4238	* 1.5795	* 1.3630	* 1.4389	* 1.4784	* 1.3497	* 2.2951
	* 1.7528	* 1.4473	* 1.5896	* 1.3900	* 1.4595	* 1.5024	* 1.3923	* 2.2093

10	* 1.4888	* 1.5943	* 1.5836	* 1.6436	* 1.3450	* 1.4174	* 1.2518	* 2.7002
	* 1.4886	* 1.6424	* 1.7095	* 1.7362	* 1.4402	* 1.4670	* 1.3136	* 2.6528
	* 1.4607	* 1.6394	* 1.7423	* 1.7038	* 1.4743	* 1.4655	* 1.3147	* 2.5808
	* 1.4451	* 1.6112	* 1.7224	* 1.6405	* 1.4288	* 1.4456	* 1.3066	* 2.4956
	* 1.4404	* 1.5870	* 1.6816	* 1.5894	* 1.3793	* 1.4386	* 1.3258	* 2.4213
	* 1.4686	* 1.5794	* 1.6584	* 1.5692	* 1.3661	* 1.4368	* 1.3470	* 2.3493
	* 1.5119	* 1.5895	* 1.6557	* 1.5769	* 1.3911	* 1.4614	* 1.3933	* 2.2572

11	* 1.7824	* 1.4315	* 1.6432	* 1.4767	* 1.6211	* 1.4244	* 1.2763	* 2.7699
	* 1.8007	* 1.4743	* 1.7357	* 1.5810	* 1.6763	* 1.4081	* 1.3271	* 2.8007
	* 1.7703	* 1.4521	* 1.7034	* 1.5667	* 1.6506	* 1.3611	* 1.3390	* 2.7945
	* 1.7058	* 1.3996	* 1.6402	* 1.5132	* 1.6001	* 1.3325	* 1.3421	* 2.7434
	* 1.6649	* 1.3624	* 1.5892	* 1.4369	* 1.5567	* 1.3262	* 1.3660	* 2.6793
	* 1.6538	* 1.3630	* 1.5691	* 1.4034	* 1.5332	* 1.3362	* 1.3963	* 2.6075
	* 1.6656	* 1.3900	* 1.5767	* 1.4125	* 1.5413	* 1.3740	* 1.4632	* 2.5121

12	* 1.5540	* 1.5095	* 1.3446	* 1.6210	* 1.5840	* 1.2335	* 1.9465	*
	* 1.5229	* 1.5574	* 1.4398	* 1.6761	* 1.7154	* 1.3564	* 2.0056	*
	* 1.4475	* 1.5268	* 1.4740	* 1.6505	* 1.7635	* 1.3971	* 2.0262	*
	* 1.4171	* 1.4813	* 1.4286	* 1.6000	* 1.7504	* 1.4116	* 2.0045	*
	* 1.4023	* 1.4489	* 1.3793	* 1.5567	* 1.7186	* 1.4291	* 1.9762	*
	* 1.4282	* 1.4389	* 1.3661	* 1.5333	* 1.6895	* 1.4508	* 1.9458	*
	* 1.4780	* 1.4595	* 1.3912	* 1.5414	* 1.6753	* 1.4888	* 1.9151	*

13	* 1.4312	* 1.3866	* 1.4168	* 1.4240	* 1.2333	* 1.8519	* 3.5888	*
	* 1.4794	* 1.4449	* 1.4665	* 1.4077	* 1.3561	* 2.0631	* 3.9027	*
	* 1.4953	* 1.4649	* 1.4651	* 1.3609	* 1.3970	* 2.1733	* 3.9994	*
	* 1.4981	* 1.4670	* 1.4454	* 1.3323	* 1.4116	* 2.1858	* 3.9113	*
	* 1.5045	* 1.4720	* 1.4385	* 1.3262	* 1.4291	* 2.1510	* 3.7427	*
	* 1.5108	* 1.4778	* 1.4367	* 1.3363	* 1.4507	* 2.1029	* 3.5631	*
	* 1.5331	* 1.5019	* 1.4614	* 1.3740	* 1.4888	* 2.0290	* 3.2890	*

14	* 1.2942	* 1.2912	* 1.2514	* 1.2758	* 1.9456	* 3.5885	*	*
	* 1.3484	* 1.3398	* 1.3132	* 1.3267	* 2.0048	* 3.9022	*	*
	* 1.3404	* 1.3227	* 1.3144	* 1.3387	* 2.0256	* 3.9976	*	*
	* 1.3374	* 1.3154	* 1.3065	* 1.3420	* 2.0041	* 3.9095	*	*
	* 1.3624	* 1.3304	* 1.3257	* 1.3659	* 1.9759	* 3.7408	*	*
	* 1.3874	* 1.3496	* 1.3470	* 1.3964	* 1.9456	* 3.5612	*	*
	* 1.4370	* 1.3923	* 1.3933	* 1.4633	* 1.9149	* 3.2870	*	*

15	* 2.6876	* 2.7603	* 2.6993	* 2.7692	* 4 EFPD	118 % POWER		
	* 2.6056	* 2.6459	* 2.6520	* 2.8000	* 75 EFPD	118 % POWER		
	* 2.5247	* 2.5408	* 2.5801	* 2.7941	* 150 EFPD	118 % POWER		
	* 2.4518	* 2.4496	* 2.4952	* 2.7433	* 225 EFPD	118 % POWER		
	* 2.3881	* 2.3701	* 2.4211	* 2.6794	* 300 EFPD	118 % POWER		
	* 2.3123	* 2.2947	* 2.3492	* 2.6076	* 375 EFPD	118 % POWER		
	* 2.2242	* 2.2090	* 2.2572	* 2.5123	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 1.7893	* 1.6940	* 1.4143	* 1.7014	* 1.4716	* 1.3524	* 1.2255	* 2.5737
	* 1.9926	* 1.8143	* 1.4807	* 1.7909	* 1.5089	* 1.4559	* 1.3312	* 2.6138
	* 2.0467	* 1.8286	* 1.4663	* 1.7731	* 1.4492	* 1.4867	* 1.3376	* 2.5610
	* 2.0088	* 1.7855	* 1.4326	* 1.6937	* 1.4049	* 1.4792	* 1.3263	* 2.4634
	* 1.9427	* 1.7330	* 1.4019	* 1.6267	* 1.3644	* 1.4633	* 1.3277	* 2.3621
	* 1.8865	* 1.6979	* 1.4071	* 1.5931	* 1.3684	* 1.4483	* 1.3280	* 2.2622
	* 1.8167	* 1.6653	* 1.4250	* 1.5783	* 1.3927	* 1.4453	* 1.3513	* 2.1390

9	* 1.6940	* 1.3568	* 1.5121	* 1.3569	* 1.4229	* 1.3124	* 1.2238	* 2.6391
	* 1.8143	* 1.4575	* 1.6274	* 1.4625	* 1.5359	* 1.4222	* 1.3250	* 2.6498
	* 1.8286	* 1.4420	* 1.6386	* 1.4550	* 1.5227	* 1.4562	* 1.3212	* 2.5735
	* 1.7856	* 1.4067	* 1.5940	* 1.3900	* 1.4642	* 1.4488	* 1.3055	* 2.4595
	* 1.7330	* 1.3696	* 1.5446	* 1.3285	* 1.4100	* 1.4307	* 1.2966	* 2.3451
	* 1.6979	* 1.3626	* 1.5153	* 1.3087	* 1.3818	* 1.4149	* 1.2916	* 2.2376
	* 1.6653	* 1.3616	* 1.5005	* 1.3088	* 1.3770	* 1.4161	* 1.3081	* 2.1160

10	* 1.4143	* 1.5119	* 1.5024	* 1.5577	* 1.2728	* 1.3439	* 1.1901	* 2.5958
	* 1.4807	* 1.6272	* 1.6903	* 1.7149	* 1.4229	* 1.4472	* 1.2991	* 2.6660
	* 1.4663	* 1.6384	* 1.7377	* 1.7022	* 1.4714	* 1.4596	* 1.3131	* 2.6292
	* 1.4326	* 1.5938	* 1.7015	* 1.6250	* 1.4205	* 1.4312	* 1.2958	* 2.5207
	* 1.4019	* 1.5445	* 1.6365	* 1.5497	* 1.3475	* 1.4013	* 1.2918	* 2.4083
	* 1.4071	* 1.5151	* 1.5914	* 1.5071	* 1.3147	* 1.3757	* 1.2889	* 2.3025
	* 1.4250	* 1.5004	* 1.5629	* 1.4905	* 1.3112	* 1.3750	* 1.3088	* 2.1756

11	* 1.7014	* 1.3567	* 1.5574	* 1.4049	* 1.5428	* 1.3560	* 1.2209	* 2.6953
	* 1.7909	* 1.4624	* 1.7145	* 1.5675	* 1.6589	* 1.4005	* 1.3186	* 2.8425
	* 1.7731	* 1.4549	* 1.7018	* 1.5705	* 1.6488	* 1.3657	* 1.3398	* 2.8584
	* 1.6937	* 1.3899	* 1.6247	* 1.5040	* 1.5830	* 1.3259	* 1.3323	* 2.7792
	* 1.6267	* 1.3285	* 1.5495	* 1.4081	* 1.5151	* 1.2942	* 1.3319	* 2.6697
	* 1.5931	* 1.3087	* 1.5070	* 1.3532	* 1.4722	* 1.2797	* 1.3369	* 2.5580
	* 1.5783	* 1.3087	* 1.4904	* 1.3313	* 1.4543	* 1.2903	* 1.3746	* 2.4215

12	* 1.4716	* 1.4226	* 1.2725	* 1.5427	* 1.5130	* 1.1859	* 1.8963	*
	* 1.5089	* 1.5358	* 1.4225	* 1.6587	* 1.7004	* 1.3491	* 2.0314	*
	* 1.4492	* 1.5226	* 1.4711	* 1.6486	* 1.7598	* 1.3977	* 2.0652	*
	* 1.4049	* 1.4642	* 1.4203	* 1.5830	* 1.7286	* 1.3990	* 2.0235	*
	* 1.3644	* 1.4100	* 1.3474	* 1.5151	* 1.6714	* 1.3927	* 1.9629	*
	* 1.3684	* 1.3819	* 1.3147	* 1.4722	* 1.6225	* 1.3889	* 1.9023	*
	* 1.3927	* 1.3770	* 1.3113	* 1.4544	* 1.5796	* 1.3981	* 1.8380	*

13	* 1.3524	* 1.3116	* 1.3434	* 1.3556	* 1.1857	* 1.8097	* 3.5316	*
	* 1.4559	* 1.4213	* 1.4466	* 1.4001	* 1.3488	* 2.0863	* 3.9748	*
	* 1.4867	* 1.4553	* 1.4593	* 1.3654	* 1.3975	* 2.2078	* 4.0947	*
	* 1.4792	* 1.4481	* 1.4310	* 1.3257	* 1.3989	* 2.1956	* 3.9623	*
	* 1.4633	* 1.4301	* 1.4012	* 1.2941	* 1.3927	* 2.1264	* 3.7328	*
	* 1.4483	* 1.4143	* 1.3756	* 1.2798	* 1.3889	* 2.0533	* 3.5035	*
	* 1.4453	* 1.4156	* 1.3750	* 1.2904	* 1.3981	* 1.9486	* 3.1801	*

14	* 1.2255	* 1.2235	* 1.1896	* 1.2205	* 1.8955	* 3.5314	*	*
	* 1.3312	* 1.3246	* 1.2987	* 1.3182	* 2.0306	* 3.9745	*	*
	* 1.3376	* 1.3208	* 1.3128	* 1.3396	* 2.0645	* 4.0932	*	*
	* 1.3263	* 1.3052	* 1.2956	* 1.3322	* 2.0231	* 3.9607	*	*
	* 1.3277	* 1.2965	* 1.2917	* 1.3319	* 1.9626	* 3.7313	*	*
	* 1.3280	* 1.2915	* 1.2889	* 1.3370	* 1.9021	* 3.5020	*	*
	* 1.3513	* 1.3081	* 1.3089	* 1.3746	* 1.8379	* 3.1785	*	*

15	* 2.5737	* 2.6379	* 2.5950	* 2.6946	* 4 EFPD	118 % POWER		
	* 2.6138	* 2.6486	* 2.6652	* 2.8418	* 75 EFPD	118 % POWER		
	* 2.5610	* 2.5725	* 2.6284	* 2.8580	* 150 EFPD	118 % POWER		
	* 2.4634	* 2.4587	* 2.5203	* 2.7790	* 225 EFPD	118 % POWER		
	* 2.3621	* 2.3446	* 2.4081	* 2.6698	* 300 EFPD	118 % POWER		
	* 2.2622	* 2.2372	* 2.3024	* 2.5581	* 375 EFPD	118 % POWER		
	* 2.1390	* 2.1157	* 2.1756	* 2.4217	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 3 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 1.7744	* 1.6525	* 1.3225	* 1.6475	* 1.2684	* 1.3252	* 1.2049	* 2.4676
	* 2.0763	* 1.8811	* 1.5529	* 1.8482	* 1.5690	* 1.5083	* 1.3934	* 2.6781
	* 2.1616	* 1.9293	* 1.5741	* 1.8621	* 1.5471	* 1.5659	* 1.4318	* 2.6882
	* 2.1054	* 1.8734	* 1.5279	* 1.7753	* 1.4955	* 1.5485	* 1.4128	* 2.5809
	* 2.0008	* 1.7882	* 1.4685	* 1.6824	* 1.4294	* 1.5069	* 1.3908	* 2.4440
	* 1.9089	* 1.7214	* 1.4419	* 1.6188	* 1.4047	* 1.4697	* 1.3661	* 2.3100
	* 1.7964	* 1.6485	* 1.4225	* 1.5668	* 1.3912	* 1.4307	* 1.3513	* 2.1346

9	* 1.6525	* 1.2618	* 1.4815	* 1.2910	* 1.3941	* 1.2887	* 1.1767	* 2.5238
	* 1.8811	* 1.5262	* 1.6878	* 1.5242	* 1.5811	* 1.4748	* 1.3838	* 2.7117
	* 1.9293	* 1.5458	* 1.7275	* 1.5485	* 1.5980	* 1.5338	* 1.4121	* 2.7013
	* 1.8734	* 1.4989	* 1.6708	* 1.4801	* 1.5323	* 1.5152	* 1.3904	* 2.5790
	* 1.7882	* 1.4335	* 1.5938	* 1.3941	* 1.4540	* 1.4727	* 1.3591	* 2.4284
	* 1.7214	* 1.3977	* 1.5364	* 1.3458	* 1.4020	* 1.4349	* 1.3291	* 2.2882
	* 1.6485	* 1.3583	* 1.4845	* 1.3098	* 1.3644	* 1.3989	* 1.3086	* 2.1111

10	* 1.3225	* 1.4813	* 1.4969	* 1.5363	* 1.2598	* 1.3210	* 1.1741	* 2.5125
	* 1.5529	* 1.6876	* 1.7629	* 1.7625	* 1.4881	* 1.5008	* 1.3623	* 2.7461
	* 1.5741	* 1.7273	* 1.8352	* 1.7841	* 1.5666	* 1.5398	* 1.4065	* 2.7680
	* 1.5279	* 1.6706	* 1.7815	* 1.6982	* 1.5110	* 1.5036	* 1.3851	* 2.6501
	* 1.4685	* 1.5937	* 1.6865	* 1.5963	* 1.4135	* 1.4489	* 1.3574	* 2.5004
	* 1.4419	* 1.5363	* 1.6106	* 1.5264	* 1.3571	* 1.3983	* 1.3257	* 2.3604
	* 1.4225	* 1.4844	* 1.5436	* 1.4735	* 1.3137	* 1.3600	* 1.3086	* 2.1771

11	* 1.6475	* 1.2909	* 1.5359	* 1.3963	* 1.5190	* 1.2235	* 1.2122	* 2.6606
	* 1.8482	* 1.5241	* 1.7621	* 1.6306	* 1.7134	* 1.4650	* 1.3889	* 2.9628
	* 1.8621	* 1.5484	* 1.7837	* 1.6690	* 1.7353	* 1.4641	* 1.4377	* 3.0291
	* 1.7753	* 1.4801	* 1.6979	* 1.5995	* 1.6592	* 1.4176	* 1.4253	* 2.9276
	* 1.6824	* 1.3940	* 1.5961	* 1.4782	* 1.5651	* 1.3537	* 1.4010	* 2.7701
	* 1.6188	* 1.3457	* 1.5262	* 1.3977	* 1.4982	* 1.3170	* 1.3774	* 2.6172
	* 1.5668	* 1.3097	* 1.4734	* 1.3352	* 1.4414	* 1.2894	* 1.3759	* 2.4166

12	* 1.2684	* 1.3939	* 1.2595	* 1.5188	* 1.5197	* 1.2002	* 1.8694	*
	* 1.5690	* 1.5809	* 1.4877	* 1.7132	* 1.7833	* 1.4285	* 2.1141	*
	* 1.5471	* 1.5979	* 1.5663	* 1.7352	* 1.8642	* 1.5008	* 2.1840	*
	* 1.4955	* 1.5323	* 1.5109	* 1.6592	* 1.8147	* 1.4890	* 2.1261	*
	* 1.4294	* 1.4540	* 1.4134	* 1.5652	* 1.7245	* 1.4563	* 2.0305	*
	* 1.4047	* 1.4020	* 1.3571	* 1.4982	* 1.6449	* 1.4293	* 1.9396	*
	* 1.3912	* 1.3644	* 1.3137	* 1.4415	* 1.5632	* 1.3972	* 1.8289	*

13	* 1.3252	* 1.2879	* 1.3205	* 1.2233	* 1.2000	* 1.8377	* 3.5945	*
	* 1.5083	* 1.4739	* 1.5003	* 1.4646	* 1.4282	* 2.2004	* 4.2019	*
	* 1.5659	* 1.5330	* 1.5395	* 1.4638	* 1.5006	* 2.3450	* 4.3614	*
	* 1.5485	* 1.5145	* 1.5034	* 1.4175	* 1.4890	* 2.3082	* 4.1802	*
	* 1.5069	* 1.4721	* 1.4488	* 1.3536	* 1.4563	* 2.1972	* 3.8725	*
	* 1.4697	* 1.4343	* 1.3982	* 1.3170	* 1.4292	* 2.0886	* 3.5692	*
	* 1.4307	* 1.3984	* 1.3600	* 1.2895	* 1.3972	* 1.9337	* 3.1602	*

14	* 1.2049	* 1.1763	* 1.1737	* 1.2118	* 1.8686	* 3.5946	*	*
	* 1.3934	* 1.3835	* 1.3619	* 1.3885	* 2.1133	* 4.2017	*	*
	* 1.4318	* 1.4118	* 1.4061	* 1.4375	* 2.1833	* 4.3599	*	*
	* 1.4128	* 1.3902	* 1.3849	* 1.4252	* 2.1257	* 4.1787	*	*
	* 1.3908	* 1.3589	* 1.3573	* 1.4010	* 2.0301	* 3.8711	*	*
	* 1.3661	* 1.3290	* 1.3257	* 1.3774	* 1.9393	* 3.5677	*	*
	* 1.3513	* 1.3086	* 1.3086	* 1.3760	* 1.8287	* 3.1586	*	*

15	* 2.4676	* 2.5228	* 2.5117	* 2.6599	* 4 EFPD	118 % POWER		
	* 2.6781	* 2.7106	* 2.7453	* 2.9621	* 75 EFPD	118 % POWER		
	* 2.6882	* 2.7003	* 2.7673	* 3.0287	* 150 EFPD	118 % POWER		
	* 2.5809	* 2.5782	* 2.6497	* 2.9274	* 225 EFPD	118 % POWER		
	* 2.4440	* 2.4279	* 2.5001	* 2.7701	* 300 EFPD	118 % POWER		
	* 2.3100	* 2.2877	* 2.3603	* 2.6173	* 375 EFPD	118 % POWER		
	* 2.1346	* 2.1108	* 2.1770	* 2.4167	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 2.0140	* 1.8063	* 1.3225	* 1.7757	* 1.2684	* 1.4728	* 1.2058	* 2.6013
	* 2.4734	* 2.1980	* 1.6718	* 2.1219	* 1.6067	* 1.7827	* 1.5196	* 3.0460
	* 2.6081	* 2.3107	* 1.8131	* 2.1985	* 1.7476	* 1.8883	* 1.6555	* 3.1618
	* 2.5174	* 2.2351	* 1.8149	* 2.1084	* 1.7566	* 1.8564	* 1.6769	* 3.0524
	* 2.3445	* 2.0971	* 1.7448	* 1.9733	* 1.6950	* 1.7728	* 1.6499	* 2.8624
	* 2.1812	* 1.9707	* 1.6873	* 1.8604	* 1.6480	* 1.6917	* 1.6089	* 2.6629
	* 1.9759	* 1.8155	* 1.6032	* 1.7362	* 1.5797	* 1.5841	* 1.5358	* 2.3870

9	* 1.8063	* 1.2618	* 1.6569	* 1.2910	* 1.5155	* 1.4280	* 1.1767	* 2.5898
	* 2.1980	* 1.5971	* 2.0097	* 1.6072	* 1.8180	* 1.7352	* 1.4839	* 3.0294
	* 2.3107	* 1.7434	* 2.0993	* 1.7189	* 1.8887	* 1.8415	* 1.6138	* 3.1434
	* 2.2351	* 1.7482	* 2.0219	* 1.6949	* 1.8178	* 1.8094	* 1.6353	* 3.0329
	* 2.0971	* 1.6807	* 1.8941	* 1.6125	* 1.7022	* 1.7277	* 1.6047	* 2.8374
	* 1.9707	* 1.6221	* 1.7828	* 1.5482	* 1.6063	* 1.6497	* 1.5608	* 2.6436
	* 1.8155	* 1.5287	* 1.6560	* 1.4664	* 1.5050	* 1.5468	* 1.4888	* 2.3739

10	* 1.3225	* 1.6567	* 1.7504	* 1.6801	* 1.3062	* 1.4641	* 1.1882	* 2.6838
	* 1.6718	* 2.0094	* 2.1500	* 2.0270	* 1.6323	* 1.7602	* 1.4977	* 3.1399
	* 1.8131	* 2.0991	* 2.2594	* 2.1020	* 1.7455	* 1.8520	* 1.6271	* 3.2596
	* 1.8149	* 2.0218	* 2.1665	* 2.0028	* 1.7232	* 1.8033	* 1.6429	* 3.1415
	* 1.7448	* 1.8939	* 2.0075	* 1.8583	* 1.6316	* 1.7078	* 1.6093	* 2.9397
	* 1.6873	* 1.7827	* 1.8716	* 1.7406	* 1.5604	* 1.6215	* 1.5595	* 2.7432
	* 1.6032	* 1.6559	* 1.7229	* 1.6181	* 1.4751	* 1.5115	* 1.4873	* 2.4652

11	* 1.7757	* 1.2909	* 1.6797	* 1.4077	* 1.6774	* 1.2235	* 1.2991	* 2.9749
	* 2.1219	* 1.6071	* 2.0266	* 1.7665	* 2.0162	* 1.5284	* 1.6242	* 3.5068
	* 2.1985	* 1.7188	* 2.1017	* 1.8692	* 2.0985	* 1.6599	* 1.7441	* 3.6574
	* 2.1084	* 1.6948	* 2.0025	* 1.8157	* 2.0074	* 1.6607	* 1.7363	* 3.5246
	* 1.9733	* 1.6124	* 1.8581	* 1.6946	* 1.8674	* 1.5994	* 1.6818	* 3.2847
	* 1.8604	* 1.5482	* 1.7405	* 1.5993	* 1.7497	* 1.5472	* 1.6290	* 3.0497
	* 1.7362	* 1.4664	* 1.6180	* 1.4975	* 1.6211	* 1.4672	* 1.5590	* 2.7261

12	* 1.2684	* 1.5153	* 1.3059	* 1.6772	* 1.7854	* 1.3172	* 2.0391	*
	* 1.6067	* 1.8179	* 1.6319	* 2.0159	* 2.1842	* 1.6827	* 2.4632	*
	* 1.7476	* 1.8886	* 1.7452	* 2.0983	* 2.3019	* 1.8211	* 2.6102	*
	* 1.7566	* 1.8178	* 1.7231	* 2.0074	* 2.2173	* 1.8088	* 2.5415	*
	* 1.6950	* 1.7022	* 1.6316	* 1.8675	* 2.0546	* 1.7407	* 2.3927	*
	* 1.6480	* 1.6063	* 1.5604	* 1.7497	* 1.9111	* 1.6791	* 2.2496	*
	* 1.5797	* 1.5050	* 1.4751	* 1.6211	* 1.7450	* 1.5815	* 2.0547	*

13	* 1.4728	* 1.4272	* 1.4635	* 1.2233	* 1.3169	* 2.1720	* 4.1989	*
	* 1.7827	* 1.7342	* 1.7597	* 1.5280	* 1.6823	* 2.6876	* 5.0807	*
	* 1.8883	* 1.8406	* 1.8516	* 1.6597	* 1.8208	* 2.8759	* 5.3085	*
	* 1.8564	* 1.8087	* 1.8031	* 1.6606	* 1.8087	* 2.7952	* 5.0365	*
	* 1.7728	* 1.7271	* 1.7077	* 1.5994	* 1.7407	* 2.6040	* 4.5768	*
	* 1.6917	* 1.6492	* 1.6215	* 1.5473	* 1.6791	* 2.4156	* 4.1214	*
	* 1.5841	* 1.5464	* 1.5115	* 1.4673	* 1.5815	* 2.1628	* 3.5213	*

14	* 1.2058	* 1.1763	* 1.1878	* 1.2987	* 2.0383	* 4.1992	*	*
	* 1.5196	* 1.4835	* 1.4973	* 1.6237	* 2.4624	* 5.0809	*	*
	* 1.6555	* 1.6135	* 1.6268	* 1.7438	* 2.6095	* 5.3071	*	*
	* 1.6769	* 1.6351	* 1.6427	* 1.7362	* 2.5410	* 5.0352	*	*
	* 1.6499	* 1.6046	* 1.6092	* 1.6818	* 2.3923	* 4.5757	*	*
	* 1.6089	* 1.5608	* 1.5595	* 1.6290	* 2.2493	* 4.1203	*	*
	* 1.5358	* 1.4888	* 1.4873	* 1.5591	* 2.0546	* 3.5202	*	*

15	* 2.6013	* 2.5888	* 2.6828	* 2.9741	* 4 EFPD	118 % POWER		
	* 3.0460	* 3.0283	* 3.1389	* 3.5060	* 75 EFPD	118 % POWER		
	* 3.1618	* 3.1424	* 3.2588	* 3.6569	* 150 EFPD	118 % POWER		
	* 3.0524	* 3.0322	* 3.1411	* 3.5244	* 225 EFPD	118 % POWER		
	* 2.8624	* 2.8370	* 2.9394	* 3.2848	* 300 EFPD	118 % POWER		
	* 2.6629	* 2.6431	* 2.7431	* 3.0498	* 375 EFPD	118 % POWER		
	* 2.3870	* 2.3736	* 2.4652	* 2.7262	* 485 EFPD	118 % POWER		

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-2 (CONTINUED)
M-SUB-C VALUES (F-SUB-Q RPS MARGIN) NORMAL OPERATION
THIS IS LEVEL 1 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8	* 4.2590	* 3.8139	* 2.9408	* 3.6476	* 2.7909	* 3.4887	* 2.9928	* 5.7761
	* 5.3791	* 4.8074	* 3.8490	* 4.5461	* 3.6618	* 4.3534	* 3.8836	* 7.0447
	* 5.6532	* 5.0575	* 4.1736	* 4.7468	* 3.9821	* 4.5955	* 4.1995	* 7.3660
	* 5.3322	* 4.7886	* 4.0755	* 4.4759	* 3.9190	* 4.3980	* 4.1410	* 7.0003
	* 4.7989	* 4.3373	* 3.7644	* 4.0573	* 3.6481	* 4.0334	* 3.9058	* 6.3626
	* 4.2811	* 3.9022	* 3.4693	* 3.6709	* 3.3853	* 3.6739	* 3.6212	* 5.6862
	* 3.6288	* 3.3548	* 3.0627	* 3.2020	* 3.0163	* 3.1970	* 3.2063	* 4.7705

9	* 3.8139	* 3.0232	* 3.7463	* 2.9222	* 3.4607	* 3.4209	* 2.9991	* 5.7534
	* 4.8074	* 3.9622	* 4.6941	* 3.7840	* 4.3125	* 4.2757	* 3.8900	* 7.0247
	* 5.0575	* 4.3110	* 4.9121	* 4.0703	* 4.5002	* 4.5169	* 4.2052	* 7.3545
	* 4.7886	* 4.2176	* 4.6301	* 3.9590	* 4.2416	* 4.3235	* 4.1448	* 6.9955
	* 4.3373	* 3.8984	* 4.1818	* 3.6556	* 3.8315	* 3.9635	* 3.9032	* 6.3545
	* 3.9022	* 3.5832	* 3.7641	* 3.3699	* 3.4639	* 3.6054	* 3.6172	* 5.6947
	* 3.3548	* 3.1344	* 3.2574	* 2.9805	* 3.0246	* 3.1429	* 3.1976	* 4.7883

10	* 2.9408	* 3.7459	* 4.0295	* 3.6680	* 2.9156	* 3.4909	* 3.0595	* 5.9296
	* 3.8490	* 4.6938	* 5.0701	* 4.5873	* 3.7922	* 4.3369	* 3.9592	* 7.2381
	* 4.1736	* 4.9118	* 5.2828	* 4.7725	* 4.0852	* 4.5550	* 4.2675	* 7.5711
	* 4.0755	* 4.6298	* 4.9353	* 4.4644	* 3.9748	* 4.3270	* 4.1857	* 7.1868
	* 3.7644	* 4.1816	* 4.4091	* 4.0085	* 3.6533	* 3.9292	* 3.9306	* 6.5232
	* 3.4693	* 3.7639	* 3.9331	* 3.5994	* 3.3629	* 3.5524	* 3.6298	* 5.8469
	* 3.0627	* 3.2572	* 3.3762	* 3.1228	* 2.9727	* 3.0848	* 3.2027	* 4.9086

11	* 3.6476	* 2.9219	* 3.6674	* 3.1204	* 3.7411	* 2.9653	* 3.2901	* 6.7769
	* 4.5461	* 3.7838	* 4.5866	* 4.0675	* 4.6900	* 3.8353	* 4.2301	* 8.2643
	* 4.7467	* 4.0702	* 4.7719	* 4.3293	* 4.8913	* 4.1394	* 4.5132	* 8.6342
	* 4.4759	* 3.9589	* 4.4639	* 4.1558	* 4.5903	* 4.0451	* 4.3674	* 8.1636
	* 4.0572	* 3.6555	* 4.0081	* 3.7808	* 4.1308	* 3.7432	* 4.0505	* 7.3655
	* 3.6709	* 3.3698	* 3.5992	* 3.4434	* 3.7059	* 3.4478	* 3.7334	* 6.5626
	* 3.2020	* 2.9805	* 3.1227	* 3.0229	* 3.1921	* 3.0337	* 3.3180	* 5.4779

12	* 2.7909	* 3.4605	* 2.9151	* 3.7403	* 4.1543	* 3.3444	* 4.7068	*
	* 3.6618	* 4.3122	* 3.7916	* 4.6893	* 5.2220	* 4.3643	* 5.8758	*
	* 3.9821	* 4.4999	* 4.0847	* 4.8908	* 5.4580	* 4.6748	* 6.2236	*
	* 3.9190	* 4.2413	* 3.9746	* 4.5901	* 5.1004	* 4.5070	* 5.9318	*
	* 3.6481	* 3.8314	* 3.6532	* 4.1308	* 4.5562	* 4.1533	* 5.3935	*
	* 3.3853	* 3.4639	* 3.3628	* 3.7060	* 4.0521	* 3.8041	* 4.8526	*
	* 3.0163	* 3.0246	* 2.9727	* 3.1922	* 3.4456	* 3.3245	* 4.1266	*

13	* 3.4887	* 3.4195	* 3.4898	* 2.9646	* 3.3437	* 5.0935	* 9.4558	*
	* 4.3534	* 4.2740	* 4.3357	* 3.8346	* 4.3635	* 6.4220	* 11.7207	*
	* 4.5955	* 4.5155	* 4.5542	* 4.1389	* 4.6742	* 6.8083	* 12.2009	*
	* 4.3980	* 4.3224	* 4.3265	* 4.0448	* 4.5066	* 6.4440	* 11.3328	*
	* 4.0334	* 3.9627	* 3.9289	* 3.7431	* 4.1531	* 5.7820	* 9.9705	*
	* 3.6739	* 3.6047	* 3.5523	* 3.4479	* 3.8039	* 5.1272	* 8.6307	*
	* 3.1970	* 3.1424	* 3.0847	* 3.0338	* 3.3244	* 4.2728	* 6.9073	*

14	* 2.9928	* 2.9983	* 3.0585	* 3.2891	* 4.7050	* 9.4491	*	*
	* 3.8836	* 3.8891	* 3.9581	* 4.2290	* 5.8739	* 11.7126	*	*
	* 4.1995	* 4.2045	* 4.2667	* 4.5124	* 6.2220	* 12.1893	*	*
	* 4.1410	* 4.1443	* 4.1853	* 4.3670	* 5.9307	* 11.3228	*	*
	* 3.9058	* 3.9029	* 3.9303	* 4.0503	* 5.3928	* 9.9623	*	*
	* 3.6212	* 3.6169	* 3.6298	* 3.7334	* 4.8520	* 8.6238	*	*
	* 3.2063	* 3.1975	* 3.2026	* 3.3180	* 4.1263	* 6.9017	*	*

15	* 5.7761	* 5.7518	* 5.9274	* 6.7749	* 4 EFPD	118 % POWER		
	* 7.0447	* 7.0229	* 7.2357	* 8.2623	* 75 EFPD	118 % POWER		
	* 7.3660	* 7.3529	* 7.5691	* 8.6328	* 150 EFPD	118 % POWER		
	* 7.0003	* 6.9943	* 7.1856	* 8.1630	* 225 EFPD	118 % POWER		
	* 6.3626	* 6.3538	* 6.5225	* 7.3654	* 300 EFPD	118 % POWER		
	* 5.6862	* 5.6941	* 5.8465	* 6.5627	* 375 EFPD	118 % POWER		
	* 4.7705	* 4.7879	* 4.9084	* 5.4780	* 485 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	1.1004	1.1716	1.2731	1.1674	1.2169	1.3910	1.3917	0.6933
	1.5255	1.4681	1.4031	1.4617	1.3059	1.2459	1.2509	2.3329
9	1.1716	1.3289	1.2964	1.3180	1.3494	1.4299	1.3972	0.6868
	1.4681	1.3480	1.3275	1.2590	1.2693	1.2175	1.2479	2.3813
10	1.2731	1.2965	1.2994	1.2565	1.3675	1.3949	1.4228	0.6833
	1.4031	1.3274	1.3168	1.3728	1.2955	1.2634	1.2639	2.4202
11	1.1674	1.3180	1.2568	1.2687	1.2394	1.2904	1.3806	0.6521
	1.4617	1.2588	1.3725	1.3320	1.4211	1.3886	1.2982	2.5811
12	1.2169	1.3497	1.3678	1.2395	1.2435	1.4312	0.9355	
	1.3059	1.2691	1.2952	1.4211	1.3977	1.2333	1.8159	
13	1.3910	1.4307	1.3954	1.2907	1.4314	0.9719	0.5064	
	1.2459	1.2168	1.2630	1.3883	1.2332	1.7197	3.2445	
14	1.3917	1.3975	1.4232	1.3810	0.9359	0.5063		
	1.2509	1.2476	1.2635	1.2979	1.8153	3.2455		
15	0.6933	0.6871	0.6835	0.6523	F-DEL-H			
	2.3329	2.3803	2.4197	2.5807	M-DEL-H			

AT 100% POWER, 75 EFPD

	H	G	F	E	D	C	B	A
8	1.0371	1.1409	1.3352	1.1571	1.3034	1.3541	1.4088	0.7108
	1.6706	1.5516	1.3730	1.5362	1.3814	1.3189	1.2759	2.4079
9	1.1409	1.3593	1.2604	1.3430	1.3187	1.3853	1.4181	0.7121
	1.5516	1.3410	1.4135	1.3569	1.3684	1.2952	1.2673	2.4204
10	1.3352	1.2605	1.2154	1.2003	1.3490	1.3575	1.4342	0.6928
	1.3730	1.4133	1.4588	1.4823	1.3609	1.3469	1.2807	2.5017
11	1.1571	1.3431	1.2006	1.2488	1.2146	1.3596	1.4012	0.6456
	1.5362	1.3569	1.4819	1.4685	1.4803	1.3516	1.3109	2.7049
12	1.3034	1.3188	1.3494	1.2147	1.1612	1.3828	0.9068	
	1.3814	1.3682	1.3606	1.4801	1.5179	1.3138	1.9489	
13	1.3541	1.3861	1.3580	1.3600	1.3831	0.8806	0.4698	
	1.3189	1.2944	1.3465	1.3513	1.3136	1.9368	3.5676	
14	1.4088	1.4184	1.4346	1.4016	0.9071	0.4697		
	1.2759	1.2671	1.2804	1.3106	1.9482	3.5688		
15	0.7108	0.7124	0.6929	0.6458	F-DEL-H			
	2.4079	2.4194	2.5012	2.7044	M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 150 EFPD

	H	G	F	E	D	C	B	A
8	0.9899	1.1063	1.3621	1.1494	1.3754	1.3157	1.4300	0.7213
	1.7551	1.6285	1.3451	1.5619	1.3076	1.3518	1.2524	2.3706
9	1.1063	1.3859	1.2286	1.3765	1.3138	1.3434	1.4494	0.7298
	1.6285	1.3278	1.4706	1.3160	1.3696	1.3299	1.2390	2.3587
10	1.3621	1.2288	1.1639	1.1916	1.3379	1.3287	1.4477	0.7014
	1.3451	1.4705	1.5276	1.5106	1.3688	1.3717	1.2666	2.4603
11	1.1494	1.3766	1.1919	1.2699	1.2063	1.4130	1.3918	0.6393
	1.5619	1.3159	1.5103	1.4417	1.4852	1.2986	1.3137	2.7502
12	1.3754	1.3139	1.3381	1.2063	1.1137	1.3504	0.8842	
	1.3076	1.3696	1.3685	1.4851	1.5748	1.3387	1.9890	
13	1.3157	1.3441	1.3290	1.4133	1.3505	0.8268	0.4525	
	1.3518	1.3292	1.3714	1.2984	1.3386	2.0517	3.6871	
14	1.4300	1.4497	1.4480	1.3921	0.8844	0.4524		
	1.2524	1.2388	1.2663	1.3135	1.9884	3.6879		
15	0.7213	0.7301	0.7015	0.6394	F-DEL-H			
	2.3706	2.3578	2.4599	2.7499	M-DEL-H			

AT 100% POWER, 225 EFPD

	H	G	F	E	D	C	B	A
8	0.9600	1.0781	1.3652	1.1477	1.4014	1.2766	1.4280	0.7264
	1.8106	1.6461	1.3401	1.5416	1.2912	1.3673	1.2505	2.3461
9	1.0781	1.3862	1.2053	1.4197	1.3067	1.3049	1.4510	0.7407
	1.6461	1.3166	1.4799	1.2820	1.3578	1.3667	1.2337	2.3165
10	1.3652	1.2055	1.1406	1.1936	1.3893	1.3043	1.4474	0.7086
	1.3401	1.4798	1.5528	1.4984	1.3189	1.3844	1.2476	2.4275
11	1.1477	1.4197	1.1938	1.3145	1.2074	1.4436	1.3726	0.6382
	1.5416	1.2820	1.4981	1.3967	1.4815	1.2702	1.3254	2.7071
12	1.4014	1.3067	1.3895	1.2074	1.0949	1.3297	0.8733	
	1.2912	1.3577	1.3188	1.4815	1.5737	1.3367	1.9706	
13	1.2766	1.3056	1.3045	1.4437	1.3298	0.8048	0.4520	
	1.3673	1.3660	1.3842	1.2700	1.3367	2.0992	3.6870	
14	1.4280	1.4513	1.4476	1.3728	0.8735	0.4520		
	1.2505	1.2335	1.2475	1.3253	1.9702	3.6877		
15	0.7264	0.7409	0.7086	0.6382	F-DEL-H			
	2.3461	2.3157	2.4272	2.7069	M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 300 EFPD

	H	G	F	E	D	C	B	A
8	0.9450	1.0575	1.3510	1.1379	1.3984	1.2435	1.4114	0.7327
	1.8411	1.6774	1.3202	1.5281	1.2745	1.3748	1.2448	2.2767
9	1.0575	1.3742	1.1863	1.4392	1.2954	1.2726	1.4420	0.7514
	1.6774	1.3076	1.4822	1.2493	1.3490	1.3526	1.2411	2.2371
10	1.3510	1.1864	1.1331	1.1940	1.4207	1.2843	1.4373	0.7175
	1.3202	1.4821	1.5453	1.4770	1.2812	1.3795	1.2548	2.3501
11	1.1379	1.4392	1.1942	1.3650	1.2082	1.4522	1.3553	0.6438
	1.5281	1.2493	1.4768	1.3305	1.4560	1.2447	1.3066	2.6446
12	1.3984	1.2954	1.4208	1.2082	1.0935	1.3185	0.8720	
	1.2745	1.3490	1.2811	1.4560	1.5739	1.3230	1.9682	
13	1.2435	1.2732	1.2845	1.4522	1.3186	0.8018	0.4628	
	1.3748	1.3520	1.3793	1.2446	1.3230	2.1057	3.5312	
14	1.4114	1.4421	1.4374	1.3554	0.8722	0.4628		
	1.2448	1.2409	1.2547	1.3065	1.9679	3.5317		
15	0.7327	0.7516	0.7175	0.6438	F-DEL-H			
	2.2767	2.2364	2.3499	2.6446	M-DEL-H			

AT 100% POWER, 375 EFPD

	H	G	F	E	D	C	B	A
8	0.9414	1.0464	1.3306	1.1266	1.3794	1.2176	1.3908	0.7426
	1.8127	1.6671	1.3403	1.5442	1.2672	1.4003	1.2385	2.2424
9	1.0464	1.3608	1.1717	1.4402	1.2816	1.2471	1.4258	0.7639
	1.6671	1.3210	1.5021	1.2289	1.3627	1.3765	1.2135	2.1954
10	1.3306	1.1718	1.1294	1.1893	1.4297	1.2669	1.4212	0.7294
	1.3403	1.5020	1.5536	1.4837	1.2503	1.3910	1.2301	2.3076
11	1.1266	1.4402	1.1894	1.3913	1.2044	1.4455	1.3404	0.6548
	1.5442	1.2288	1.4835	1.2857	1.4596	1.2285	1.3171	2.5766
12	1.3794	1.2816	1.4297	1.2044	1.0946	1.3114	0.8766	
	1.2672	1.3627	1.2502	1.4596	1.5720	1.3282	1.9192	
13	1.2176	1.2476	1.2670	1.4455	1.3114	0.8091	0.4811	
	1.4003	1.3760	1.3909	1.2285	1.3281	2.0421	3.4000	
14	1.3908	1.4259	1.4213	1.3404	0.8767	0.4810		
	1.2385	1.2134	1.2301	1.3170	1.9190	3.4005		
15	0.7426	0.7642	0.7294	0.6548	F-DEL-H			
	2.2424	2.1947	2.3075	2.5766	M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 100% POWER, 485 EFPD

	H	G	F	E	D	C	B	A
8	0.9520	1.0414	1.3017	1.1090	1.3414	1.1914	1.3628	0.7626
	1.7950	1.6768	1.3501	1.5409	1.2804	1.4036	1.2645	2.1387
9	1.0414	1.3442	1.1539	1.4155	1.2534	1.2193	1.4006	0.7860
	1.6768	1.3167	1.4998	1.2520	1.3675	1.3818	1.2353	2.0904
10	1.3017	1.1540	1.1206	1.1728	1.4115	1.2430	1.3968	0.7517
	1.3501	1.4997	1.5395	1.4798	1.2656	1.3933	1.2509	2.1945
11	1.1090	1.4155	1.1729	1.3917	1.1899	1.4214	1.3217	0.6777
	1.5409	1.2519	1.4796	1.2856	1.4501	1.2497	1.3389	2.4602
12	1.3414	1.2533	1.4115	1.1899	1.0936	1.3062	0.8905	
	1.2804	1.3675	1.2656	1.4501	1.5422	1.3122	1.8877	
13	1.1914	1.2198	1.2431	1.4214	1.3062	0.8299	0.5162	
	1.4036	1.3812	1.3933	1.2497	1.3122	1.9938	3.1767	
14	1.3628	1.4007	1.3968	1.3217	0.8906	0.5162		
	1.2645	1.2352	1.2509	1.3389	1.8875	3.1770		
15	0.7626	0.7862	0.7517	0.6777	F-DEL-H			
	2.1387	2.0899	2.1944	2.4602	M-DEL-H			

AT 75% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.0138	1.1515	1.2710	1.1702	1.2450	1.4395	1.4373	0.7040
	1.9165	1.8416	1.6563	1.7474	1.5360	1.4229	1.4553	2.7338
9	1.1515	1.3306	1.2992	1.3348	1.3825	1.4790	1.4414	0.6965
	1.8416	1.5291	1.5903	1.4819	1.4900	1.3964	1.3905	2.8214
10	1.2710	1.2994	1.3084	1.2681	1.3957	1.4309	1.4585	0.6889
	1.6563	1.5901	1.5838	1.6360	1.4533	1.4791	1.4670	2.9010
11	1.1702	1.3350	1.2684	1.2727	1.2286	1.2992	1.3952	0.6518
	1.7474	1.4817	1.6356	1.6097	1.7280	1.6102	1.5723	3.1155
12	1.2450	1.3828	1.3961	1.2288	1.1119	1.3753	0.9164	
	1.5360	1.4897	1.4529	1.7279	1.6990	1.5346	2.2653	
13	1.4395	1.4799	1.4315	1.2996	1.3756	0.9183	0.4815	
	1.4229	1.3955	1.4785	1.6098	1.5344	2.1346	4.0903	
14	1.4373	1.4419	1.4590	1.3957	0.9168	0.4814		
	1.4553	1.3902	1.4665	1.5719	2.2645	4.0915		
15	0.7040	0.6969	0.6891	0.6520	F-DEL-H			
	2.7338	2.8201	2.9004	3.1148	M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 75 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9673	* 1.1206	* 1.3383	* 1.1628	* 1.3334	* 1.4004	* 1.4569	* 0.7240
	* 2.1245	* 1.9661	* 1.6249	* 1.8229	* 1.6057	* 1.5158	* 1.4869	* 2.8497
9	* 1.1206	* 1.3552	* 1.2617	* 1.3551	* 1.3434	* 1.4318	* 1.4659	* 0.7246
	* 1.9661	* 1.6380	* 1.6898	* 1.5856	* 1.5873	* 1.4931	* 1.4795	* 2.8745
10	* 1.3383	* 1.2619	* 1.2187	* 1.2105	* 1.3754	* 1.3910	* 1.4684	* 0.7004
	* 1.6249	* 1.6896	* 1.7557	* 1.7695	* 1.5903	* 1.5638	* 1.5010	* 2.9784
11	* 1.1628	* 1.3551	* 1.2109	* 1.2426	* 1.2024	* 1.3682	* 1.4135	* 0.6464
	* 1.8229	* 1.5855	* 1.7690	* 1.7952	* 1.8209	* 1.6739	* 1.5912	* 3.2719
12	* 1.3334	* 1.3435	* 1.3758	* 1.2025	* 1.0389	* 1.3341	* 0.8880	
	* 1.6057	* 1.5873	* 1.5899	* 1.8207	* 1.8668	* 1.5919	* 2.4085	
13	* 1.4004	* 1.4327	* 1.3915	* 1.3686	* 1.3343	* 0.8242	* 0.4445	
	* 1.5158	* 1.4922	* 1.5633	* 1.6735	* 1.5916	* 2.4284	* 4.5308	
14	* 1.4569	* 1.4663	* 1.4689	* 1.4139	* 0.8884	* 0.4444		
	* 1.4869	* 1.4792	* 1.5006	* 1.5908	* 2.4077	* 4.5323		
15	* 0.7240	* 0.7250	* 0.7006	* 0.6465	* F-DEL-H			
	* 2.8497	* 2.8732	* 2.9776	* 3.2712	* M-DEL-H			

AT 75% POWER, 150 EFPD

	H	G	F	E	D	C	B	A
8	* 0.9254	* 1.0853	* 1.3695	* 1.1654	* 1.4116	* 1.3618	* 1.4823	* 0.7370
	* 2.2412	* 2.0363	* 1.5961	* 1.8186	* 1.5296	* 1.5584	* 1.4929	* 2.8145
9	* 1.0853	* 1.3817	* 1.2337	* 1.4036	* 1.3430	* 1.3894	* 1.5008	* 0.7451
	* 2.0363	* 1.6161	* 1.7398	* 1.5525	* 1.5914	* 1.5389	* 1.4736	* 2.8088
10	* 1.3695	* 1.2338	* 1.1659	* 1.2033	* 1.3636	* 1.3532	* 1.4872	* 0.7125
	* 1.5961	* 1.7396	* 1.8391	* 1.7887	* 1.6168	* 1.6139	* 1.4984	* 2.9360
11	* 1.1654	* 1.4037	* 1.2036	* 1.2635	* 1.1927	* 1.4220	* 1.4037	* 0.6405
	* 1.8186	* 1.5524	* 1.7883	* 1.7656	* 1.8313	* 1.6039	* 1.6202	* 3.2961
12	* 1.4116	* 1.3430	* 1.3638	* 1.1928	* 1.0012	* 1.2944	* 0.8640	
	* 1.5296	* 1.5914	* 1.6165	* 1.8311	* 1.9413	* 1.6269	* 2.4590	
13	* 1.3618	* 1.3902	* 1.3536	* 1.4223	* 1.2946	* 0.7647	* 0.4253	
	* 1.5584	* 1.5380	* 1.6134	* 1.6036	* 1.6267	* 2.5797	* 4.6939	
14	* 1.4823	* 1.5012	* 1.4875	* 1.4040	* 0.8643	* 0.4252		
	* 1.4929	* 1.4733	* 1.4981	* 1.6199	* 2.4584	* 4.6952		
15	* 0.7370	* 0.7454	* 0.7126	* 0.6406	* F-DEL-H			
	* 2.8145	* 2.8076	* 2.9353	* 3.2956	* M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 225 EFPD

	H	G	F	E	D	C	B	A
8	0.8936	1.0562	1.3753	1.1675	1.4377	1.3240	1.4851	0.7449
	2.3213	2.0933	1.5927	1.8216	1.4964	1.5957	1.4543	2.7792
9	1.0562	1.3819	1.2128	1.4520	1.3393	1.3520	1.5075	0.7588
	2.0933	1.6187	1.7740	1.4995	1.5970	1.5742	1.4366	2.7514
10	1.3753	1.2130	1.1464	1.2086	1.4141	1.3269	1.4903	0.7218
	1.5927	1.7738	1.8786	1.7868	1.5738	1.6338	1.4700	2.8882
11	1.1675	1.4521	1.2089	1.3053	1.1926	1.4440	1.3836	0.6399
	1.8216	1.4995	1.7864	1.7011	1.8224	1.5351	1.6046	3.2776
12	1.4377	1.3393	1.4142	1.1926	0.9790	1.2645	0.8507	
	1.4964	1.5969	1.5737	1.8223	1.9710	1.6440	2.4774	
13	1.3240	1.3527	1.3271	1.4442	1.2646	0.7344	0.4215	
	1.5957	1.5733	1.6335	1.5349	1.6439	2.6470	4.7006	
14	1.4851	1.5078	1.4905	1.3838	0.8509	0.4215		
	1.4543	1.4364	1.4697	1.6044	2.4768	4.7018		
15	0.7449	0.7591	0.7218	0.6400	F-DEL-H			
	2.7792	2.7504	2.8878	3.2773	M-DEL-H			

AT 75% POWER, 300 EFPD

	H	G	F	E	D	C	B	A
8	0.8714	1.0348	1.3645	1.1621	1.4403	1.2933	1.4731	0.7544
	2.3164	2.1363	1.6057	1.8331	1.4947	1.6301	1.4590	2.7454
9	1.0348	1.3708	1.1971	1.4783	1.3282	1.3217	1.5036	0.7726
	2.1363	1.6318	1.8016	1.4730	1.6100	1.6065	1.4323	2.7002
10	1.3645	1.1972	1.1395	1.2125	1.4477	1.3067	1.4835	0.7332
	1.6057	1.8014	1.8990	1.7842	1.5272	1.6555	1.4600	2.8394
11	1.1621	1.4784	1.2127	1.3584	1.1930	1.4504	1.3656	0.6463
	1.8331	1.4730	1.7839	1.6347	1.8143	1.5194	1.6127	3.2337
12	1.4403	1.3282	1.4478	1.1930	0.9746	1.2429	0.8466	
	1.4947	1.6100	1.5270	1.8143	1.9726	1.6516	2.4755	
13	1.2933	1.3223	1.3068	1.4505	1.2430	0.7214	0.4282	
	1.6301	1.6057	1.6552	1.5193	1.6516	2.6010	4.5093	
14	1.4731	1.5038	1.4836	1.3657	0.8467	0.4282		
	1.4590	1.4321	1.4598	1.6125	2.4751	4.5100		
15	0.7544	0.7729	0.7333	0.6463	F-DEL-H			
	2.7454	2.6993	2.8391	3.2335	M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 75% POWER, 375 EFPD

	H	G	F	E	D	C	B	A
8	* 0.8565	* 1.0229	* 1.3488	* 1.1557	* 1.4281	* 1.2729	* 1.4595	* 0.7693
	* 2.3217	* 2.1123	* 1.6314	* 1.8192	* 1.5111	* 1.6254	* 1.4739	* 2.6465
9	* 1.0229	* 1.3587	* 1.1864	* 1.4842	* 1.3195	* 1.3010	* 1.4947	* 0.7902
	* 2.1123	* 1.6523	* 1.7879	* 1.4717	* 1.6006	* 1.6004	* 1.4405	* 2.5870
10	* 1.3488	* 1.1865	* 1.1391	* 1.2122	* 1.4627	* 1.2898	* 1.4721	* 0.7491
	* 1.6314	* 1.7878	* 1.8620	* 1.7570	* 1.5111	* 1.6475	* 1.4677	* 2.7248
11	* 1.1557	* 1.4843	* 1.2124	* 1.3879	* 1.1875	* 1.4415	* 1.3503	* 0.6589
	* 1.8192	* 1.4717	* 1.7567	* 1.5992	* 1.8164	* 1.5197	* 1.6210	* 3.0995
12	* 1.4281	* 1.3195	* 1.4628	* 1.1875	* 0.9686	* 1.2209	* 0.8471	*
	* 1.5111	* 1.6006	* 1.5111	* 1.8164	* 1.9253	* 1.6587	* 2.4016	*
13	* 1.2729	* 1.3016	* 1.2899	* 1.4416	* 1.2209	* 0.7142	* 0.4405	*
	* 1.6254	* 1.5997	* 1.6473	* 1.5197	* 1.6586	* 2.5703	* 4.3537	*
14	* 1.4595	* 1.4949	* 1.4721	* 1.3503	* 0.8472	* 0.4405	*	*
	* 1.4739	* 1.4403	* 1.4676	* 1.6210	* 2.4012	* 4.3541	*	*
15	* 0.7693	* 0.7904	* 0.7491	* 0.6589	* F-DEL-H			
	* 2.6465	* 2.5862	* 2.7247	* 3.0994	* M-DEL-H			

AT 75% POWER, 485 EFPD

	H	G	F	E	D	C	B	A
8	* 0.8432	* 1.0176	* 1.3271	* 1.1470	* 1.4009	* 1.2554	* 1.4347	* 0.7959
	* 2.2997	* 2.1230	* 1.6316	* 1.8425	* 1.5190	* 1.6549	* 1.4707	* 2.5788
9	* 1.0176	* 1.3423	* 1.1747	* 1.4686	* 1.2994	* 1.2824	* 1.4804	* 0.8204
	* 2.1230	* 1.6371	* 1.8124	* 1.4656	* 1.6264	* 1.6293	* 1.4318	* 2.5108
10	* 1.3271	* 1.1748	* 1.1277	* 1.2015	* 1.4535	* 1.2703	* 1.4566	* 0.7790
	* 1.6316	* 1.8123	* 1.8747	* 1.7719	* 1.4934	* 1.6631	* 1.4630	* 2.6412
11	* 1.1470	* 1.4686	* 1.2016	* 1.3882	* 1.1702	* 1.4141	* 1.3345	* 0.6861
	* 1.8425	* 1.4656	* 1.7717	* 1.5583	* 1.7885	* 1.5066	* 1.6034	* 2.9830
12	* 1.4009	* 1.2994	* 1.4535	* 1.1702	* 0.9472	* 1.1924	* 0.8558	*
	* 1.5190	* 1.6264	* 1.4933	* 1.7886	* 1.9192	* 1.6271	* 2.3616	*
13	* 1.2554	* 1.2829	* 1.2704	* 1.4141	* 1.1924	* 0.7112	* 0.4663	*
	* 1.6549	* 1.6287	* 1.6630	* 1.5066	* 1.6271	* 2.5109	* 4.0810	*
14	* 1.4347	* 1.4805	* 1.4566	* 1.3345	* 0.8559	* 0.4663	*	*
	* 1.4707	* 1.4316	* 1.4629	* 1.6034	* 2.3614	* 4.0812	*	*
15	* 0.7959	* 0.8206	* 0.7790	* 0.6861	* F-DEL-H			
	* 2.5788	* 2.5101	* 2.6412	* 2.9831	* M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

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	* 0.9469	* 1.1296	* 1.2754	* 1.1804	* 1.2845	* 1.5027	* 1.4981	* 0.7225
	* 1.8066	* 1.8336	* 1.6342	* 1.6729	* 1.4398	* 1.3615	* 1.4076	* 2.6475
9	* 1.1296	* 1.3344	* 1.3069	* 1.3597	* 1.4247	* 1.5422	* 1.5005	* 0.7137
	* 1.8336	* 1.4946	* 1.5453	* 1.4351	* 1.4366	* 1.3363	* 1.3382	* 2.7164
10	* 1.2754	* 1.3071	* 1.3199	* 1.2830	* 1.4310	* 1.4752	* 1.5029	* 0.6994
	* 1.6342	* 1.5451	* 1.5334	* 1.5979	* 1.4058	* 1.4286	* 1.4358	* 2.8021
11	* 1.1804	* 1.3600	* 1.2833	* 1.2774	* 1.2101	* 1.3079	* 1.4097	* 0.6537
	* 1.6729	* 1.4349	* 1.5975	* 1.5748	* 1.6777	* 1.5666	* 1.5588	* 3.1089
12	* 1.2845	* 1.4250	* 1.4315	* 1.2103	* 1.0224	* 1.2985	* 0.8894	*
	* 1.4398	* 1.4363	* 1.4055	* 1.6776	* 1.6387	* 1.4637	* 2.2142	*
13	* 1.5027	* 1.5432	* 1.4759	* 1.3083	* 1.2988	* 0.8401	* 0.4493	*
	* 1.3615	* 1.3355	* 1.4280	* 1.5663	* 1.4636	* 2.0709	* 3.9900	*
14	* 1.4981	* 1.5011	* 1.5035	* 1.4102	* 0.8898	* 0.4492	*	*
	* 1.4076	* 1.3379	* 1.4353	* 1.5583	* 2.2134	* 3.9917	*	*
15	* 0.7225	* 0.7140	* 0.6996	* 0.6539	* F-DEL-H			
	* 2.6475	* 2.7152	* 2.8014	* 3.1080	* M-DEL-H			

AT 50% POWER, 75 EFPD

	H	G	F	E	D	C	B	A
8	* 0.8918	* 1.0979	* 1.3478	* 1.1780	* 1.3811	* 1.4640	* 1.5184	* 0.7439
	* 2.0807	* 1.9289	* 1.6443	* 1.7967	* 1.6059	* 1.4594	* 1.4707	* 2.7893
9	* 1.0979	* 1.3520	* 1.2722	* 1.3893	* 1.3803	* 1.4965	* 1.5310	* 0.7457
	* 1.9289	* 1.6498	* 1.6647	* 1.6009	* 1.5468	* 1.4401	* 1.4725	* 2.8236
10	* 1.3478	* 1.2724	* 1.2149	* 1.2274	* 1.4128	* 1.4365	* 1.5165	* 0.7176
	* 1.6443	* 1.6645	* 1.7144	* 1.7370	* 1.6052	* 1.5568	* 1.5049	* 2.9430
11	* 1.1780	* 1.3894	* 1.2277	* 1.2418	* 1.1813	* 1.3761	* 1.4281	* 0.6515
	* 1.7967	* 1.6008	* 1.7365	* 1.8012	* 1.7580	* 1.6472	* 1.5837	* 3.2742
12	* 1.3811	* 1.3804	* 1.4133	* 1.1814	* 0.9542	* 1.2463	* 0.8607	*
	* 1.6059	* 1.5466	* 1.6048	* 1.7577	* 1.8269	* 1.5636	* 2.3307	*
13	* 1.4640	* 1.4975	* 1.4371	* 1.3766	* 1.2466	* 0.7377	* 0.4109	*
	* 1.4594	* 1.4391	* 1.5562	* 1.6468	* 1.5634	* 2.3374	* 4.3975	*
14	* 1.5184	* 1.5314	* 1.5171	* 1.4286	* 0.8611	* 0.4109	*	*
	* 1.4707	* 1.4721	* 1.5044	* 1.5833	* 2.3299	* 4.3990	*	*
15	* 0.7439	* 0.7461	* 0.7178	* 0.6517	* F-DEL-H			
	* 2.7893	* 2.8223	* 2.9422	* 3.2734	* M-DEL-H			

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 150 EFPD

	H	G	F	E	D	C	B	A
8	0.8475	1.0619	1.3839	1.1939	1.4654	1.4141	1.5072	0.7470
	2.2162	2.0146	1.5881	1.7966	1.4912	1.5063	1.4215	2.7699
9	1.0619	1.3733	1.2427	1.4441	1.3874	1.4474	1.5616	0.7624
	2.0146	1.6128	1.7291	1.5218	1.5589	1.4884	1.4115	2.7821
10	1.3839	1.2428	1.1334	1.2208	1.4046	1.4001	1.5434	0.7310
	1.5881	1.7289	1.7928	1.7673	1.5837	1.5635	1.4471	2.9185
11	1.1939	1.4442	1.2211	1.2544	1.1775	1.4382	1.4237	0.6490
	1.7966	1.5217	1.7668	1.7635	1.7980	1.5614	1.5754	3.3028
12	1.4654	1.3874	1.4049	1.1776	0.9173	1.2098	0.8418	
	1.4912	1.5588	1.5833	1.7979	1.9012	1.5921	2.4287	
13	1.4141	1.4483	1.4005	1.4386	1.2101	0.6806	0.3940	
	1.5063	1.4875	1.5629	1.5610	1.5919	2.4915	4.5729	
14	1.5072	1.5620	1.5438	1.4240	0.8422	0.3940		
	1.4215	1.4111	1.4467	1.5751	2.4280	4.5741		
15	0.7470	0.7627	0.7312	0.6491	F-DEL-H			
	2.7699	2.7809	2.9178	3.3021	M-DEL-H			

AT 50% POWER, 225 EFPD

	H	G	F	E	D	C	B	A
8	0.8160	1.0330	1.3905	1.1990	1.4911	1.3621	1.4702	0.7447
	2.2978	2.0718	1.5845	1.7962	1.4596	1.5416	1.4067	2.6913
9	1.0330	1.3690	1.2213	1.4972	1.3854	1.4004	1.5582	0.7704
	2.0718	1.6171	1.7332	1.4733	1.5622	1.5222	1.3900	2.7031
10	1.3905	1.2214	1.0864	1.2269	1.4513	1.3679	1.5493	0.7396
	1.5845	1.7330	1.8287	1.7625	1.5382	1.5879	1.4239	2.8103
11	1.1990	1.4972	1.2271	1.3010	1.1851	1.4659	1.4101	0.6509
	1.7962	1.4732	1.7621	1.6884	1.7859	1.5069	1.5672	3.2332
12	1.4911	1.3854	1.4515	1.1852	0.9001	1.1938	0.8345	
	1.4596	1.5622	1.5379	1.7858	1.9268	1.6039	2.3886	
13	1.3621	1.4012	1.3682	1.4661	1.1940	0.6555	0.3933	
	1.5416	1.5213	1.5874	1.5067	1.6038	2.5405	4.5512	
14	1.4702	1.5585	1.5496	1.4103	0.8347	0.3933		
	1.4067	1.3897	1.4236	1.5669	2.3880	4.5524		
15	0.7447	0.7707	0.7398	0.6509	F-DEL-H			
	2.6913	2.7021	2.8097	3.2327	M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 300 EFPD

	H	G	F	E	D	C	B	A
8	0.7950	1.0145	1.3803	1.1948	1.4941	1.3162	1.4155	0.7437
	2.2747	2.1091	1.5692	1.7697	1.4611	1.5371	1.4087	2.6376
9	1.0145	1.3536	1.2037	1.5275	1.3749	1.3596	1.5499	0.7776
	2.1091	1.5989	1.7481	1.4435	1.5421	1.5165	1.3824	2.5962
10	1.3803	1.2038	1.0673	1.2319	1.4909	1.3480	1.5435	0.7495
	1.5692	1.7479	1.8358	1.7219	1.4851	1.5800	1.4155	2.7390
11	1.1948	1.5275	1.2321	1.3540	1.1938	1.4759	1.3990	0.6597
	1.7697	1.4435	1.7216	1.6168	1.7390	1.4455	1.5117	3.0471
12	1.4941	1.3749	1.4911	1.1938	0.9051	1.1868	0.8369	
	1.4611	1.5421	1.4849	1.7389	1.8874	1.6136	2.3754	
13	1.3162	1.3603	1.3482	1.4761	1.1869	0.6489	0.4033	
	1.5371	1.5157	1.5796	1.4454	1.6135	2.5453	4.4497	
14	1.4155	1.5502	1.5436	1.3991	0.8371	0.4033		
	1.4087	1.3821	1.4153	1.5116	2.3749	4.4507		
15	0.7437	0.7779	0.7496	0.6597	F-DEL-H			
	2.6376	2.5953	2.7386	3.0469	M-DEL-H			

AT 50% POWER, 375 EFPD

	H	G	F	E	D	C	B	A
8	0.7822	1.0036	1.3639	1.1881	1.4812	1.2786	1.3718	0.7451
	2.1035	2.1294	1.5800	1.7744	1.4428	1.5562	1.3908	2.5812
9	1.0036	1.3364	1.1899	1.5340	1.3623	1.3274	1.5348	0.7874
	2.1294	1.6061	1.7607	1.4105	1.5487	1.5335	1.3589	2.5284
10	1.3639	1.1900	1.0568	1.2316	1.5099	1.3355	1.5320	0.7633
	1.5800	1.7606	1.8325	1.7120	1.4492	1.5563	1.3949	2.6677
11	1.1881	1.5340	1.2318	1.3883	1.1965	1.4747	1.3921	0.6752
	1.7744	1.4105	1.7117	1.5434	1.7278	1.4376	1.4849	2.9583
12	1.4812	1.3623	1.5099	1.1965	0.9077	1.1837	0.8459	
	1.4428	1.5487	1.4491	1.7277	1.8639	1.5799	2.3512	
13	1.2786	1.3280	1.3356	1.4747	1.1837	0.6513	0.4204	
	1.5562	1.5327	1.5561	1.4375	1.5799	2.5214	4.2945	
14	1.3718	1.5349	1.5321	1.3921	0.8460	0.4204		
	1.3908	1.3587	1.3948	1.4848	2.3509	4.2952		
15	0.7451	0.7877	0.7633	0.6752	F-DEL-H			
	2.5812	2.5276	2.6675	2.9582	M-DEL-H			

TABLE A-3 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - NORMAL OPERATION

AT 50% POWER, 485 EFPD

	H	G	F	E	D	C	B	A
8	* 0.7678	* 0.9984	* 1.3408	* 1.1800	* 1.4547	* 1.2466	* 1.3290	* 0.7505
	* 1.9550	* 2.1116	* 1.6083	* 1.7969	* 1.4702	* 1.5849	* 1.4063	* 2.5083
9	* 0.9984	* 1.3106	* 1.1738	* 1.5192	* 1.3441	* 1.2950	* 1.5127	* 0.8089
	* 2.1116	* 1.6251	* 1.7852	* 1.4195	* 1.5722	* 1.5610	* 1.3676	* 2.4466
10	* 1.3408	* 1.1739	* 1.0426	* 1.2218	* 1.5062	* 1.3256	* 1.5193	* 0.7917
	* 1.6083	* 1.7850	* 1.8437	* 1.7231	* 1.4262	* 1.5617	* 1.4023	* 2.5780
11	* 1.1800	* 1.5192	* 1.2219	* 1.3966	* 1.1908	* 1.4662	* 1.3927	* 0.7093
	* 1.7969	* 1.4195	* 1.7229	* 1.5188	* 1.7359	* 1.4026	* 1.4754	* 2.8261
12	* 1.4547	* 1.3441	* 1.5062	* 1.1907	* 0.8951	* 1.1808	* 0.8683	
	* 1.4702	* 1.5722	* 1.4262	* 1.7360	* 1.7454	* 1.5807	* 2.2853	
13	* 1.2466	* 1.2955	* 1.3257	* 1.4662	* 1.1808	* 0.6602	* 0.4542	
	* 1.5849	* 1.5603	* 1.5615	* 1.4026	* 1.5807	* 2.4712	* 4.0418	
14	* 1.3290	* 1.5128	* 1.5193	* 1.3927	* 0.8684	* 0.4542		
	* 1.4063	* 1.3675	* 1.4022	* 1.4754	* 2.2850	* 4.0422		
15	* 0.7505	* 0.8091	* 0.7917	* 0.7093	* F-DEL-H			
	* 2.5083	* 2.4460	* 2.5779	* 2.8261	* M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

* JOB/DATE LSNJ/02May2022 CREATED BY SMARG12 COMPILED 13Mar2020 COLR FILE
/nfe/mcd/dcs/c2c26/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)

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.3390 to 5.0007. Includes labels F-SUB-Q and M-SUB-Q at the bottom.

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

Table with 8 columns (H, G, F, E, D, C, B, A) and 15 rows of data. Values range from 0.6299 to 2.8599. Includes labels F-SUB-Q and M-SUB-Q at the bottom.

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2996	1.3604	1.4070	1.3550	1.2989	1.4714	1.4315	0.8126
	1.5457	1.4998	1.4449	1.4802	1.5017	1.3171	1.3510	2.1517
9	1.3604	1.4704	1.4861	1.4564	1.4716	1.5080	1.4429	0.7935
	1.4998	1.3915	1.3700	1.3772	1.3360	1.2942	1.3431	2.2593
10	1.4070	1.4862	1.4763	1.4141	1.4319	1.4598	1.4420	0.7828
	1.4449	1.3699	1.3730	1.4264	1.3955	1.3700	1.3743	2.2736
11	1.3550	1.4565	1.4144	1.3796	1.3418	1.3148	1.3726	0.7371
	1.4802	1.3771	1.4262	1.4766	1.4858	1.5249	1.4586	2.4760
12	1.2989	1.4718	1.4322	1.3419	1.3080	1.4060	1.0165	
	1.5017	1.3358	1.3952	1.4857	1.4887	1.3799	1.7771	
13	1.4714	1.5086	1.4602	1.3150	1.4061	1.0433	0.5736	
	1.3171	1.2938	1.3696	1.5247	1.3798	1.6932	3.0644	
14	1.4315	1.4432	1.4423	1.3729	1.0168	0.5733		
	1.3510	1.3428	1.3739	1.4583	1.7767	3.0654		
15	0.8126	0.7938	0.7830	0.7372	F-SUB-Q			
	2.1517	2.2587	2.2729	2.4755	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	1.3762	1.4207	1.4951	1.3998	1.3629	1.5640	1.5311	0.8214
	1.4886	1.4578	1.3861	1.4489	1.4487	1.2530	1.2776	2.1541
9	1.4207	1.5628	1.5655	1.5388	1.5553	1.6028	1.5361	0.8007
	1.4578	1.3288	1.3182	1.3223	1.2869	1.2314	1.2762	2.2705
10	1.4951	1.5656	1.5734	1.4949	1.5326	1.5518	1.5487	0.7997
	1.3861	1.3181	1.3041	1.3667	1.3194	1.2996	1.2956	2.2627
11	1.3998	1.5390	1.4952	1.4742	1.4152	1.3972	1.4830	0.7623
	1.4489	1.3223	1.3664	1.4002	1.4149	1.4362	1.3689	2.4241
12	1.3629	1.5555	1.5329	1.4153	1.4137	1.5549	1.0622	
	1.4487	1.2867	1.3191	1.4148	1.3974	1.2712	1.7273	
13	1.5640	1.6035	1.5522	1.3974	1.5550	1.1215	0.6070	
	1.2530	1.2309	1.2992	1.4361	1.2711	1.6071	2.9482	
14	1.5311	1.5364	1.5491	1.4833	1.0625	0.6067		
	1.2776	1.2759	1.2952	1.3686	1.7269	2.9493		
15	0.8214	0.8010	0.7999	0.7625	F-SUB-Q			
	2.1541	2.2699	2.2621	2.4236	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3827	1.4306	1.5204	1.4109	1.3867	1.5896	1.5678	0.8233
	1.5098	1.4727	1.3854	1.4619	1.4438	1.2489	1.2644	2.1802
9	1.4306	1.5896	1.5789	1.5650	1.5734	1.6257	1.5735	0.8036
	1.4727	1.3268	1.3253	1.3215	1.2895	1.2296	1.2626	2.2953
10	1.5204	1.5790	1.5875	1.5090	1.5659	1.5794	1.5922	0.8068
	1.3854	1.3252	1.3104	1.3726	1.3088	1.2909	1.2771	2.2742
11	1.4109	1.5652	1.5093	1.5017	1.4407	1.4382	1.5353	0.7735
	1.4619	1.3215	1.3723	1.3966	1.4101	1.4097	1.3435	2.4210
12	1.3867	1.5736	1.5662	1.4407	1.4507	1.6176	1.0903	
	1.4438	1.2893	1.3086	1.4101	1.3862	1.2449	1.7137	
13	1.5896	1.6264	1.5798	1.4384	1.6177	1.1547	0.6195	
	1.2489	1.2289	1.2905	1.4096	1.2448	1.5922	2.9476	
14	1.5678	1.5738	1.5926	1.5356	1.0906	0.6192		
	1.2644	1.2623	1.2768	1.3432	1.7133	2.9487		
15	0.8233	0.8039	0.8069	0.7737	F-SUB-Q			
	2.1802	2.2946	2.2735	2.4205	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	1.3709	1.4238	1.5195	1.4096	1.3910	1.5962	1.5802	0.8232
	1.5470	1.5011	1.4078	1.4871	1.4629	1.2633	1.2747	2.2176
9	1.4238	1.5888	1.5713	1.5649	1.5747	1.6302	1.5868	0.8048
	1.5011	1.3426	1.3516	1.3419	1.3081	1.2413	1.2720	2.3300
10	1.5195	1.5714	1.5797	1.5045	1.5752	1.5912	1.6102	0.8100
	1.4078	1.3515	1.3366	1.3974	1.3205	1.2995	1.2815	2.3000
11	1.4096	1.5651	1.5049	1.5033	1.4505	1.4612	1.5602	0.7814
	1.4871	1.3418	1.3971	1.4106	1.4268	1.4146	1.3401	2.4233
12	1.3910	1.5749	1.5755	1.4506	1.4645	1.6443	1.1079	
	1.4629	1.3079	1.3203	1.4267	1.4010	1.2500	1.7176	
13	1.5962	1.6310	1.5917	1.4614	1.6445	1.1715	0.6246	
	1.2633	1.2407	1.2991	1.4144	1.2499	1.6049	2.9885	
14	1.5802	1.5871	1.6106	1.5605	1.1083	0.6243		
	1.2747	1.2717	1.2812	1.3398	1.7171	2.9896		
15	0.8232	0.8052	0.8102	0.7815	F-SUB-Q			
	2.2176	2.3293	2.2993	2.4227	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3664	1.4223	1.5290	1.4066	1.4050	1.6142	1.6051	0.8204
	1.5724	1.5163	1.4129	1.5164	1.4760	1.2727	1.2789	2.2691
9	1.4223	1.5988	1.5737	1.5768	1.5876	1.6510	1.6112	0.8037
	1.5163	1.3477	1.3658	1.3539	1.3196	1.2479	1.2763	2.3781
10	1.5290	1.5738	1.5824	1.5095	1.5971	1.6135	1.6398	0.8096
	1.4129	1.3657	1.3554	1.4151	1.3238	1.3015	1.2785	2.3397
11	1.4066	1.5770	1.5098	1.5159	1.4671	1.4884	1.5926	0.7794
	1.5164	1.3537	1.4148	1.4122	1.4369	1.4146	1.3240	2.4554
12	1.4050	1.5879	1.5974	1.4672	1.4841	1.6774	1.1113	
	1.4760	1.3194	1.3235	1.4368	1.4082	1.2480	1.7417	
13	1.6142	1.6519	1.6140	1.4886	1.6775	1.1749	0.6225	
	1.2727	1.2472	1.3011	1.4144	1.2479	1.6307	3.0560	
14	1.6051	1.6115	1.6402	1.5930	1.1117	0.6223		
	1.2789	1.2760	1.2781	1.3237	1.7412	3.0568		
15	0.8204	0.8040	0.8098	0.7795	F-SUB-Q			
	2.2691	2.3774	2.3390	2.4549	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	1.3561	1.4149	1.5271	1.4008	1.4097	1.6240	1.6183	0.8183
	1.6102	1.5515	1.4401	1.5524	1.5039	1.2932	1.2970	2.3271
9	1.4149	1.5971	1.5679	1.5770	1.5923	1.6632	1.6240	0.8028
	1.5515	1.3713	1.3913	1.3767	1.3416	1.2656	1.2942	2.4333
10	1.5271	1.5681	1.5770	1.5069	1.6069	1.6263	1.6564	0.8092
	1.4401	1.3912	1.3798	1.4386	1.3373	1.3123	1.2876	2.3853
11	1.4008	1.5772	1.5072	1.5170	1.4745	1.5028	1.6116	0.7796
	1.5524	1.3766	1.4383	1.4360	1.4492	1.4206	1.3301	2.4894
12	1.4097	1.5925	1.6072	1.4745	1.4940	1.6957	1.1153	
	1.5039	1.3414	1.3370	1.4491	1.4213	1.2543	1.7593	
13	1.6240	1.6641	1.6269	1.5031	1.6958	1.1783	0.6209	
	1.2932	1.2649	1.3119	1.4204	1.2542	1.6550	3.1107	
14	1.6183	1.6244	1.6569	1.6120	1.1158	0.6206		
	1.2970	1.2939	1.2873	1.3298	1.7587	3.1113		
15	0.8183	0.8032	0.8093	0.7797	F-SUB-Q			
	2.3271	2.4325	2.3846	2.4889	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3498	1.4105	1.5303	1.3959	1.4189	1.6374	1.6360	0.8161
	1.6649	1.5913	1.4654	1.5923	1.5329	1.3160	1.3167	2.3951
9	1.4105	1.6015	1.5665	1.5828	1.6009	1.6791	1.6412	0.8020
	1.5913	1.3931	1.4198	1.4005	1.3650	1.2855	1.3138	2.4980
10	1.5303	1.5667	1.5763	1.5084	1.6215	1.6423	1.6770	0.8082
	1.4654	1.4196	1.4085	1.4664	1.3522	1.3262	1.2983	2.4409
11	1.3959	1.5830	1.5088	1.5234	1.4844	1.5196	1.6330	0.7783
	1.5923	1.4003	1.4660	1.4563	1.4766	1.4402	1.3394	2.5384
12	1.4189	1.6011	1.6219	1.4845	1.5059	1.7170	1.1163	
	1.5329	1.3647	1.3519	1.4765	1.4486	1.2708	1.8010	
13	1.6374	1.6801	1.6428	1.5198	1.7172	1.1788	0.6182	
	1.3160	1.2847	1.3258	1.4400	1.2706	1.6974	3.1993	
14	1.6360	1.6417	1.6774	1.6334	1.1168	0.6180		
	1.3167	1.3135	1.2979	1.3391	1.8004	3.1997		
15	0.8161	0.8024	0.8084	0.7784	F-SUB-Q			
	2.3951	2.4972	2.4401	2.5378	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	1.3254	1.3887	1.5010	1.3841	1.4011	1.6249	1.6198	0.8166
	1.7393	1.6553	1.5320	1.6510	1.5990	1.3662	1.3703	2.4669
9	1.3887	1.5722	1.5417	1.5564	1.5841	1.6677	1.6262	0.8028
	1.6553	1.4560	1.4810	1.4628	1.4171	1.3327	1.3655	2.5692
10	1.5010	1.5419	1.5518	1.4875	1.6030	1.6314	1.6627	0.8094
	1.5320	1.4809	1.4692	1.5267	1.4043	1.3708	1.3442	2.5014
11	1.3841	1.5566	1.4878	1.4988	1.4709	1.5070	1.6208	0.7852
	1.6510	1.4626	1.5264	1.5164	1.5360	1.4978	1.3808	2.5785
12	1.4011	1.5844	1.6034	1.4710	1.4941	1.7025	1.1255	
	1.5990	1.4169	1.4040	1.5359	1.5098	1.3245	1.8359	
13	1.6249	1.6687	1.6319	1.5072	1.7027	1.1872	0.6207	
	1.3662	1.3319	1.3703	1.4975	1.3244	1.7430	3.2901	
14	1.6198	1.6266	1.6632	1.6212	1.1260	0.6205		
	1.3703	1.3652	1.3438	1.3804	1.8353	3.2908		
15	0.8166	0.8032	0.8096	0.7854	F-SUB-Q			
	2.4669	2.5684	2.5006	2.5779	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3276	1.3921	1.5182	1.3811	1.4214	1.6498	1.6522	0.8122
	1.7901	1.7051	1.5643	1.7082	1.6304	1.3923	1.3903	2.5652
9	1.3921	1.5915	1.5513	1.5762	1.6036	1.6956	1.6576	0.8005
	1.7051	1.4857	1.5203	1.4906	1.4452	1.3557	1.3863	2.6628
10	1.5182	1.5514	1.5621	1.4989	1.6316	1.6589	1.6978	0.8062
	1.5643	1.5202	1.5071	1.5642	1.4231	1.3901	1.3574	2.5891
11	1.3811	1.5764	1.4992	1.5184	1.4902	1.5345	1.6554	0.7772
	1.7082	1.4904	1.5639	1.5441	1.5582	1.5109	1.3936	2.6859
12	1.4214	1.6039	1.6320	1.4903	1.5155	1.7377	1.1193	
	1.6304	1.4450	1.4227	1.5581	1.5300	1.3342	1.8976	
13	1.6498	1.6966	1.6595	1.5348	1.7379	1.1813	0.6142	
	1.3923	1.3550	1.3896	1.5106	1.3340	1.8029	3.4094	
14	1.6522	1.6581	1.6984	1.6558	1.1198	0.6141		
	1.3903	1.3860	1.3570	1.3933	1.8969	3.4096		
15	0.8122	0.8009	0.8063	0.7774	F-SUB-Q			
	2.5652	2.6619	2.5883	2.6853	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	1.3174	1.3837	1.5131	1.3746	1.4230	1.6560	1.6606	0.8106
	1.8449	1.7509	1.6055	1.7597	1.6911	1.4406	1.4368	2.6673
9	1.3837	1.5868	1.5440	1.5731	1.6049	1.7038	1.6659	0.8001
	1.7509	1.5309	1.5706	1.5454	1.4975	1.4010	1.4324	2.7636
10	1.5131	1.5442	1.5553	1.4943	1.6364	1.6673	1.7082	0.8054
	1.6055	1.5704	1.5596	1.6253	1.4699	1.4329	1.3980	2.6838
11	1.3746	1.5733	1.4947	1.5160	1.4931	1.5421	1.6669	0.7769
	1.7597	1.5452	1.6250	1.6018	1.6102	1.5564	1.4341	2.7781
12	1.4230	1.6051	1.6369	1.4932	1.5203	1.7483	1.1211	
	1.6911	1.4973	1.4695	1.6101	1.5788	1.3729	1.9615	
13	1.6560	1.7048	1.6679	1.5424	1.7485	1.1829	0.6124	
	1.4406	1.4002	1.4324	1.5561	1.3727	1.8629	3.5346	
14	1.6606	1.6664	1.7087	1.6673	1.1216	0.6122		
	1.4368	1.4320	1.3976	1.4337	1.9608	3.5348		
15	0.8106	0.8005	0.8055	0.7771	F-SUB-Q			
	2.6673	2.7627	2.6830	2.7775	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.2959	* 1.3642	* 1.4876	* 1.3631	* 1.4076	* 1.6459	* 1.6474	* 0.8103
	* 1.8255	* 1.7286	* 1.5898	* 1.7274	* 1.6814	* 1.4428	* 1.4427	* 2.6603
9	* 1.3642	* 1.5615	* 1.5222	* 1.5501	* 1.5904	* 1.6947	* 1.6533	* 0.8003
	* 1.7286	* 1.5149	* 1.5513	* 1.5275	* 1.4930	* 1.4035	* 1.4381	* 2.7588
10	* 1.4876	* 1.5224	* 1.5340	* 1.4756	* 1.6208	* 1.6588	* 1.6968	* 0.8057
	* 1.5898	* 1.5511	* 1.5401	* 1.6038	* 1.4701	* 1.4403	* 1.4090	* 2.6866
11	* 1.3631	* 1.5503	* 1.4760	* 1.4946	* 1.4816	* 1.5314	* 1.6569	* 0.7824
	* 1.7274	* 1.5273	* 1.6035	* 1.5891	* 1.6260	* 1.5740	* 1.4514	* 2.7689
12	* 1.4076	* 1.5906	* 1.6212	* 1.4817	* 1.5103	* 1.7362	* 1.1278	
	* 1.6814	* 1.4928	* 1.4697	* 1.6258	* 1.6047	* 1.3995	* 1.9616	
13	* 1.6459	* 1.6957	* 1.6594	* 1.5317	* 1.7365	* 1.1888	* 0.6135	
	* 1.4428	* 1.4026	* 1.4398	* 1.5735	* 1.3993	* 1.8737	* 3.5710	
14	* 1.6474	* 1.6538	* 1.6974	* 1.6574	* 1.1283	* 0.6134		
	* 1.4427	* 1.4377	* 1.4085	* 1.4510	* 1.9608	* 3.5714		
15	* 0.8103	* 0.8007	* 0.8059	* 0.7826	* F-SUB-Q			
	* 2.6603	* 2.7578	* 2.6858	* 2.7682	* 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	* 1.2957	* 1.3651	* 1.5013	* 1.3576	* 1.4247	* 1.6683	* 1.6772	* 0.8046
	* 1.7823	* 1.6852	* 1.5373	* 1.6918	* 1.6235	* 1.3907	* 1.3846	* 2.6119
9	* 1.3651	* 1.5774	* 1.5288	* 1.5665	* 1.6063	* 1.7199	* 1.6825	* 0.7968
	* 1.6852	* 1.4643	* 1.5082	* 1.4762	* 1.4436	* 1.3509	* 1.3808	* 2.7015
10	* 1.5013	* 1.5290	* 1.5412	* 1.4837	* 1.6462	* 1.6838	* 1.7293	* 0.8012
	* 1.5373	* 1.5080	* 1.4968	* 1.5575	* 1.4135	* 1.3850	* 1.3497	* 2.6338
11	* 1.3576	* 1.5668	* 1.4841	* 1.5108	* 1.4981	* 1.5560	* 1.6890	* 0.7733
	* 1.6918	* 1.4760	* 1.5571	* 1.5349	* 1.5674	* 1.5089	* 1.3886	* 2.7300
12	* 1.4247	* 1.6066	* 1.6466	* 1.4982	* 1.5291	* 1.7682	* 1.1198	
	* 1.6235	* 1.4433	* 1.4131	* 1.5673	* 1.5446	* 1.3393	* 1.9246	
13	* 1.6683	* 1.7209	* 1.6845	* 1.5564	* 1.7685	* 1.1809	* 0.6061	
	* 1.3907	* 1.3501	* 1.3845	* 1.5085	* 1.3390	* 1.8372	* 3.5184	
14	* 1.6772	* 1.6830	* 1.7298	* 1.6895	* 1.1204	* 0.6060		
	* 1.3846	* 1.3804	* 1.3492	* 1.3882	* 1.9238	* 3.5182		
15	* 0.8046	* 0.7972	* 0.8013	* 0.7735	* F-SUB-Q			
	* 2.6119	* 2.7005	* 2.6330	* 2.7293	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2871	1.3583	1.4995	1.3508	1.4282	1.6773	1.6893	0.8014
	1.7291	1.6320	1.4832	1.6393	1.5629	1.3376	1.3286	2.5291
9	1.3583	1.5764	1.5239	1.5666	1.6094	1.7308	1.6944	0.7949
	1.6320	1.4123	1.4583	1.4230	1.3920	1.2985	1.3251	2.6117
10	1.4995	1.5241	1.5367	1.4809	1.6543	1.6950	1.7435	0.7988
	1.4832	1.4581	1.4470	1.5046	1.3589	1.3307	1.2942	2.5460
11	1.3508	1.5669	1.4813	1.5112	1.5027	1.5660	1.7041	0.7709
	1.6393	1.4228	1.5042	1.4793	1.5105	1.4476	1.3301	2.6379
12	1.4282	1.6097	1.6547	1.5028	1.5358	1.7819	1.1185	
	1.5629	1.3918	1.3585	1.5104	1.4891	1.2865	1.8582	
13	1.6773	1.7319	1.6956	1.5663	1.7823	1.1791	0.6024	
	1.3376	1.2977	1.3303	1.4472	1.2863	1.7777	3.4057	
14	1.6893	1.6949	1.7441	1.7046	1.1191	0.6023		
	1.3286	1.3247	1.2937	1.3297	1.8574	3.4054		
15	0.8014	0.7953	0.7990	0.7711	F-SUB-Q			
	2.5291	2.6107	2.5452	2.6372	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	1.2762	1.3487	1.4907	1.3436	1.4260	1.6793	1.6920	0.8005
	1.6867	1.5898	1.4432	1.5942	1.5150	1.2925	1.2834	2.4512
9	1.3487	1.5683	1.5147	1.5621	1.6068	1.7342	1.6974	0.7947
	1.5898	1.3732	1.4193	1.3826	1.3488	1.2535	1.2798	2.5285
10	1.4907	1.5149	1.5278	1.4737	1.6542	1.6983	1.7479	0.7983
	1.4432	1.4191	1.4078	1.4625	1.3145	1.2840	1.2481	2.4646
11	1.3436	1.5624	1.4741	1.5052	1.5013	1.5679	1.7089	0.7714
	1.5942	1.3824	1.4621	1.4367	1.4604	1.3968	1.2814	2.5491
12	1.4260	1.6071	1.6547	1.5015	1.5358	1.7854	1.1205	
	1.5150	1.3486	1.3141	1.4603	1.4377	1.2390	1.7913	
13	1.6793	1.7353	1.6990	1.5683	1.7858	1.1808	0.6014	
	1.2925	1.2527	1.2835	1.3964	1.2388	1.7130	3.2935	
14	1.6920	1.6979	1.7485	1.7094	1.1211	0.6013		
	1.2834	1.2794	1.2477	1.2810	1.7905	3.2932		
15	0.8005	0.7952	0.7985	0.7716	F-SUB-Q			
	2.4512	2.5275	2.4638	2.5484	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2611	1.3354	1.4726	1.3378	1.4147	1.6723	1.6822	0.8025
	1.7883	1.6832	1.5321	1.6796	1.6021	1.3607	1.3534	2.5657
9	1.3354	1.5491	1.4989	1.5468	1.5959	1.7281	1.6879	0.7967
	1.6832	1.4577	1.5037	1.4662	1.4237	1.3187	1.3493	2.6465
10	1.4726	1.4992	1.5123	1.4602	1.6416	1.6919	1.7387	0.8004
	1.5321	1.5035	1.4912	1.5476	1.3884	1.3503	1.3146	2.5777
11	1.3378	1.5470	1.4606	1.4885	1.4919	1.5588	1.7009	0.7783
	1.6796	1.4660	1.5472	1.5231	1.5374	1.4715	1.3476	2.6476
12	1.4147	1.5963	1.6421	1.4920	1.5274	1.7752	1.1286	
	1.6021	1.4234	1.3880	1.5372	1.5110	1.3021	1.8609	
13	1.6724	1.7292	1.6926	1.5592	1.7755	1.1883	0.6035	
	1.3607	1.3179	1.3497	1.4710	1.3018	1.7788	3.4330	
14	1.6822	1.6884	1.7394	1.7014	1.1292	0.6035		
	1.3534	1.3489	1.3141	1.3472	1.8600	3.4329		
15	0.8025	0.7971	0.8006	0.7785	F-SUB-Q			
	2.5657	2.6455	2.5769	2.6468	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	1.2691	1.3443	1.4961	1.3403	1.4388	1.7015	1.7195	0.7988
	1.7237	1.6260	1.4668	1.6332	1.5356	1.3028	1.2900	2.5130
9	1.3443	1.5748	1.5143	1.5739	1.6187	1.7599	1.7244	0.7950
	1.6260	1.3954	1.4485	1.4035	1.3674	1.2612	1.2868	2.5855
10	1.4961	1.5145	1.5281	1.4757	1.6741	1.7222	1.7773	0.7970
	1.4668	1.4483	1.4364	1.4908	1.3262	1.2913	1.2520	2.5219
11	1.3403	1.5742	1.4761	1.5126	1.5118	1.5867	1.7372	0.7693
	1.6332	1.4032	1.4904	1.4594	1.4731	1.4037	1.2833	2.6078
12	1.4388	1.6190	1.6746	1.5119	1.5490	1.8109	1.1198	
	1.5356	1.3671	1.3258	1.4730	1.4435	1.2378	1.8225	
13	1.7015	1.7611	1.7229	1.5872	1.8113	1.1798	0.5961	
	1.3028	1.2603	1.2908	1.4033	1.2376	1.7375	3.3770	
14	1.7195	1.7249	1.7780	1.7378	1.1204	0.5961		
	1.2900	1.2864	1.2516	1.2828	1.8217	3.3764		
15	0.7988	0.7954	0.7972	0.7695	F-SUB-Q			
	2.5130	2.5845	2.5211	2.6071	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.2691	* 1.3447	* 1.4992	* 1.3415	* 1.4456	* 1.7140	* 1.7320	* 0.8002
	* 1.6600	* 1.5691	* 1.4137	* 1.5764	* 1.4771	* 1.2499	* 1.2377	* 2.4296
9	* 1.3447	* 1.5790	* 1.5172	* 1.5796	* 1.6267	* 1.7738	* 1.7365	* 0.7971
	* 1.5691	* 1.3439	* 1.3960	* 1.3509	* 1.3141	* 1.2089	* 1.2348	* 2.4973
10	* 1.4992	* 1.5175	* 1.5316	* 1.4795	* 1.6832	* 1.7335	* 1.7890	* 0.7977
	* 1.4137	* 1.3958	* 1.3840	* 1.4362	* 1.2738	* 1.2386	* 1.2011	* 2.4385
11	* 1.3415	* 1.5799	* 1.4799	* 1.5163	* 1.5153	* 1.5934	* 1.7454	* 0.7691
	* 1.5764	* 1.3506	* 1.4358	* 1.4060	* 1.4153	* 1.3487	* 1.2319	* 2.5223
12	* 1.4456	* 1.6271	* 1.6837	* 1.5154	* 1.5529	* 1.8171	* 1.1192	
	* 1.4771	* 1.3138	* 1.2734	* 1.4152	* 1.3837	* 1.1861	* 1.7579	
13	* 1.7140	* 1.7750	* 1.7342	* 1.5939	* 1.8175	* 1.1792	* 0.5938	
	* 1.2499	* 1.2081	* 1.2381	* 1.3483	* 1.1858	* 1.6718	* 3.2729	
14	* 1.7320	* 1.7371	* 1.7897	* 1.7460	* 1.1198	* 0.5939		
	* 1.2377	* 1.2344	* 1.2006	* 1.2315	* 1.7570	* 3.2723		
15	* 0.8002	* 0.7976	* 0.7979	* 0.7693	* F-SUB-Q			
	* 2.4296	* 2.4962	* 2.4376	* 2.5215	* 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	* 1.2587	* 1.3341	* 1.4757	* 1.3385	* 1.4300	* 1.7054	* 1.7123	* 0.8076
	* 1.6241	* 1.5355	* 1.3949	* 1.5337	* 1.4504	* 1.2190	* 1.2152	* 2.3402
9	* 1.3341	* 1.5552	* 1.5045	* 1.5583	* 1.6172	* 1.7647	* 1.7171	* 0.8035
	* 1.5355	* 1.3249	* 1.3671	* 1.3300	* 1.2830	* 1.1792	* 1.2120	* 2.4081
10	* 1.4757	* 1.5047	* 1.5196	* 1.4684	* 1.6625	* 1.7209	* 1.7658	* 0.8027
	* 1.3949	* 1.3669	* 1.3547	* 1.4052	* 1.2517	* 1.2102	* 1.1803	* 2.3541
11	* 1.3385	* 1.5585	* 1.4688	* 1.4937	* 1.4977	* 1.5686	* 1.7165	* 0.7778
	* 1.5337	* 1.3297	* 1.4048	* 1.3859	* 1.3873	* 1.3286	* 1.2142	* 2.4218
12	* 1.4300	* 1.6175	* 1.6630	* 1.4979	* 1.5335	* 1.7832	* 1.1252	
	* 1.4504	* 1.2828	* 1.2514	* 1.3872	* 1.3566	* 1.1696	* 1.6952	
13	* 1.7054	* 1.7659	* 1.7216	* 1.5691	* 1.7836	* 1.1847	* 0.5972	
	* 1.2190	* 1.1784	* 1.2097	* 1.3282	* 1.1693	* 1.6114	* 3.1570	
14	* 1.7123	* 1.7177	* 1.7665	* 1.7171	* 1.1258	* 0.5972		
	* 1.2152	* 1.2116	* 1.1798	* 1.2138	* 1.6944	* 3.1567		
15	* 0.8076	* 0.8039	* 0.8029	* 0.7781	* F-SUB-Q			
	* 2.3402	* 2.4071	* 2.3533	* 2.4211	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2712	1.3461	1.4910	1.3483	1.4478	1.7329	1.7354	0.8100
	1.5706	1.4861	1.3483	1.4882	1.3991	1.1706	1.1701	2.2800
9	1.3461	1.5704	1.5215	1.5765	1.6434	1.7924	1.7390	0.8075
	1.4861	1.2813	1.3200	1.2837	1.2325	1.1325	1.1679	2.3412
10	1.4910	1.5218	1.5360	1.4855	1.6826	1.7445	1.7852	0.8016
	1.3483	1.3198	1.3087	1.3563	1.2071	1.1643	1.1387	2.3026
11	1.3483	1.5768	1.4859	1.5064	1.5067	1.5797	1.7237	0.7672
	1.4882	1.2834	1.3560	1.3421	1.3448	1.2869	1.1789	2.3976
12	1.4478	1.6437	1.6832	1.5068	1.5369	1.7802	1.1066	
	1.3991	1.2323	1.2067	1.3447	1.3193	1.1414	1.6812	
13	1.7329	1.7937	1.7452	1.5802	1.7806	1.1610	0.5829	
	1.1706	1.1317	1.1639	1.2865	1.1411	1.6028	3.1571	
14	1.7354	1.7396	1.7859	1.7243	1.1072	0.5828		
	1.1701	1.1675	1.1383	1.1785	1.6804	3.1569		
15	0.8100	0.8080	0.8018	0.7674	F-SUB-Q			
	2.2800	2.3402	2.3019	2.3969	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	1.2406	1.3345	1.4642	1.3462	1.4381	1.7055	1.7018	0.8180
	1.5814	1.4726	1.3482	1.4642	1.3828	1.1672	1.1707	2.2189
9	1.3345	1.5274	1.4958	1.5549	1.6181	1.7593	1.7082	0.8175
	1.4726	1.2911	1.3172	1.2776	1.2284	1.1319	1.1667	2.2729
10	1.4642	1.4960	1.4902	1.4552	1.6405	1.7132	1.7462	0.8017
	1.3482	1.3170	1.3249	1.3596	1.2151	1.1631	1.1419	2.2624
11	1.3462	1.5552	1.4556	1.4650	1.4784	1.5579	1.6787	0.7525
	1.4642	1.2774	1.3592	1.3553	1.3443	1.2799	1.1871	2.4019
12	1.4381	1.6185	1.6410	1.4786	1.4767	1.6958	1.0847	
	1.3828	1.2281	1.2147	1.3441	1.3470	1.1749	1.6836	
13	1.7055	1.7605	1.7139	1.5584	1.6961	1.1049	0.5552	
	1.1672	1.1311	1.1626	1.2795	1.1746	1.6531	3.2576	
14	1.7018	1.7088	1.7469	1.6793	1.0852	0.5551		
	1.1707	1.1663	1.1415	1.1867	1.6828	3.2576		
15	0.8180	0.8180	0.8019	0.7527	F-SUB-Q			
	2.2189	2.2720	2.2617	2.4012	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	* 1.0643	* 1.1891	* 1.4969	* 1.2209	* 1.5713	* 1.4889	* 1.6489	* 0.7571
	* 1.8212	* 1.6327	* 1.3015	* 1.5978	* 1.2471	* 1.3185	* 1.1916	* 2.3702
9	* 1.1891	* 1.5822	* 1.3015	* 1.5493	* 1.4409	* 1.5392	* 1.6895	* 0.7769
	* 1.6327	* 1.2312	* 1.4948	* 1.2630	* 1.3588	* 1.2756	* 1.1629	* 2.3637
10	* 1.4969	* 1.3017	* 1.2398	* 1.2957	* 1.5317	* 1.4964	* 1.6719	* 0.7326
	* 1.3015	* 1.4946	* 1.5719	* 1.5088	* 1.2821	* 1.3128	* 1.1758	* 2.4468
11	* 1.2209	* 1.5495	* 1.2960	* 1.4116	* 1.3013	* 1.6381	* 1.5209	* 0.6569
	* 1.5978	* 1.2628	* 1.5084	* 1.3890	* 1.5072	* 1.1999	* 1.2923	* 2.7202
12	* 1.5713	* 1.4411	* 1.5321	* 1.3014	* 1.2230	* 1.5019	* 0.9690	
	* 1.2471	* 1.3586	* 1.2818	* 1.5070	* 1.6051	* 1.3091	* 1.8615	
13	* 1.4889	* 1.5401	* 1.4969	* 1.6386	* 1.5023	* 0.9106	* 0.4646	
	* 1.3185	* 1.2749	* 1.3123	* 1.1996	* 1.3088	* 1.9809	* 3.8504	
14	* 1.6489	* 1.6900	* 1.6725	* 1.5215	* 0.9695	* 0.4645		
	* 1.1916	* 1.1626	* 1.1754	* 1.2919	* 1.8607	* 3.8506		
15	* 0.7571	* 0.7773	* 0.7328	* 0.6571	F-SUB-Q			
	* 2.3702	* 2.3629	* 2.4459	* 2.7194	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	* 0.4926	* 0.5512	* 0.6588	* 0.5815	* 0.6970	* 0.6128	* 0.6495	* 0.3348
	* 3.9104	* 3.5001	* 2.9361	* 3.3330	* 2.7892	* 3.1779	* 3.0039	* 5.3327
9	* 0.5512	* 0.6441	* 0.5634	* 0.6683	* 0.6149	* 0.6270	* 0.6482	* 0.3432
	* 3.5001	* 3.0004	* 3.4315	* 2.9051	* 3.1573	* 3.1080	* 3.0103	* 5.3226
10	* 0.6588	* 0.5634	* 0.5260	* 0.5802	* 0.6698	* 0.6127	* 0.6350	* 0.3254
	* 2.9361	* 3.4311	* 3.6808	* 3.3468	* 2.9086	* 3.1826	* 3.0745	* 5.4795
11	* 0.5815	* 0.6684	* 0.5804	* 0.6222	* 0.5702	* 0.6607	* 0.5883	* 0.2833
	* 3.3330	* 2.9048	* 3.3461	* 3.1282	* 3.4147	* 2.9537	* 3.3204	* 6.2770
12	* 0.6970	* 0.6150	* 0.6700	* 0.5703	* 0.5131	* 0.5789	* 0.4116	
	* 2.7892	* 3.1570	* 2.9080	* 3.4140	* 3.7970	* 3.3733	* 4.3577	
13	* 0.6128	* 0.6272	* 0.6129	* 0.6608	* 0.5790	* 0.3805	* 0.2029	
	* 3.1779	* 3.1066	* 3.1815	* 2.9530	* 3.3725	* 4.7131	* 8.7762	
14	* 0.6495	* 0.6484	* 0.6353	* 0.5885	* 0.4118	* 0.2030		
	* 3.0039	* 3.0094	* 3.0735	* 3.3194	* 4.3561	* 8.7700		
15	* 0.3348	* 0.3434	* 0.3255	* 0.2834	F-SUB-Q			
	* 5.3327	* 5.3212	* 5.4774	* 6.2750	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.5500	0.6370	0.7477	0.6599	0.7641	0.6624	0.6647	0.3622
	4.0193	3.7668	3.0931	3.3767	2.9026	3.3440	3.3649	5.5705
9	0.6370	0.7290	0.6515	0.7442	0.6798	0.6574	0.6618	0.3667
	3.7668	3.2992	3.5123	3.0311	3.2829	3.3876	3.3977	5.6472
10	0.7477	0.6516	0.6150	0.6569	0.7222	0.6400	0.6379	0.3487
	3.0931	3.5120	3.8219	3.4827	3.1839	3.5727	3.5455	5.8120
11	0.6599	0.7443	0.6570	0.6866	0.6014	0.6709	0.5912	0.2995
	3.3767	3.0309	3.4821	3.5141	4.0219	3.6407	3.9709	6.9157
12	0.7641	0.6798	0.7223	0.6014	0.5110	0.5560	0.4199	
	2.9026	3.2827	3.1834	4.0215	4.4118	4.1270	5.2507	
13	0.6624	0.6576	0.6402	0.6710	0.5561	0.3775	0.2184	
	3.3440	3.3865	3.5718	3.6399	4.1262	5.4261	9.7359	
14	0.6647	0.6619	0.6381	0.5914	0.4201	0.2184		
	3.3649	3.3970	3.5445	3.9698	5.2488	9.7306		
15	0.3622	0.3669	0.3487	0.2996	F-SUB-Q			
	5.5705	5.6461	5.8101	6.9138	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	1.1864	1.3235	1.5828	1.3395	1.5916	1.4930	1.5670	0.8085
	2.0308	1.8745	1.4950	1.7222	1.4287	1.5218	1.4657	2.5666
9	1.3235	1.6766	1.4341	1.6013	1.5023	1.4976	1.6023	0.8119
	1.8745	1.4597	1.6561	1.4476	1.5228	1.5246	1.4274	2.6074
10	1.5828	1.4342	1.3773	1.3929	1.5292	1.4459	1.5595	0.7759
	1.4950	1.6560	1.7489	1.6940	1.5490	1.6137	1.4881	2.6774
11	1.3395	1.6014	1.3932	1.4554	1.3145	1.5586	1.4050	0.6888
	1.7222	1.4475	1.6936	1.7037	1.8901	1.5982	1.7352	3.0934
12	1.5916	1.5024	1.5295	1.3147	1.1785	1.3810	0.9750	
	1.4287	1.5227	1.5487	1.8898	1.9853	1.7344	2.3075	
13	1.4930	1.4983	1.4463	1.5589	1.3812	0.9178	0.5060	
	1.5218	1.5240	1.6132	1.5979	1.7342	2.3505	4.3048	
14	1.5670	1.6027	1.5598	1.4054	0.9753	0.5059		
	1.4657	1.4271	1.4877	1.7347	2.3068	4.3053		
15	0.8085	0.8122	0.7761	0.6890	F-SUB-Q			
	2.5666	2.6067	2.6766	3.0926	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4177	1.4932	1.5489	1.4913	1.4557	1.6781	1.6244	0.8922
	1.7963	1.7088	1.5546	1.5961	1.5878	1.3731	1.4162	2.3290
9	1.4932	1.6207	1.6460	1.6107	1.6660	1.7172	1.6354	0.8717
	1.7088	1.5166	1.4718	1.4801	1.4033	1.3500	1.4095	2.4434
10	1.5489	1.6462	1.6442	1.5767	1.6157	1.6581	1.6385	0.8600
	1.5546	1.4717	1.4743	1.5275	1.4718	1.4312	1.4394	2.4557
11	1.4913	1.6107	1.5770	1.5326	1.5020	1.4787	1.5514	0.8080
	1.5961	1.4801	1.5272	1.6084	1.6828	1.6953	1.5881	2.6903
12	1.4557	1.6662	1.6161	1.5021	1.4641	1.5868	1.1258	
	1.5878	1.4031	1.4715	1.6826	1.6824	1.5478	2.0323	
13	1.6781	1.7179	1.6586	1.4790	1.5870	1.1583	0.6209	
	1.3731	1.3495	1.4307	1.6949	1.5476	1.9296	3.5807	
14	1.6244	1.6358	1.6389	1.5518	1.1262	0.6206		
	1.4162	1.4092	1.4390	1.5877	2.0317	3.5817		
15	0.8922	0.8721	0.8602	0.8081	F-SUB-Q			
	2.3290	2.4428	2.4549	2.6896	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	1.4932	1.5500	1.6368	1.5324	1.5192	1.7737	1.7276	0.8970
	1.7438	1.6943	1.5104	1.5788	1.5492	1.3186	1.3509	2.3475
9	1.5500	1.7243	1.7308	1.7029	1.7514	1.8155	1.7322	0.8749
	1.6943	1.4507	1.4298	1.4376	1.3676	1.2983	1.3518	2.4745
10	1.6368	1.7309	1.7436	1.6585	1.7209	1.7556	1.7494	0.8741
	1.5104	1.4296	1.4138	1.4795	1.4091	1.3751	1.3745	2.4750
11	1.5324	1.7031	1.6588	1.6300	1.5755	1.5619	1.6660	0.8317
	1.5788	1.4374	1.4792	1.5427	1.6136	1.6367	1.5101	2.6702
12	1.5192	1.7517	1.7213	1.5757	1.5764	1.7453	1.1702	
	1.5492	1.3674	1.4087	1.6134	1.5887	1.4379	1.9920	
13	1.7737	1.8164	1.7562	1.5623	1.7455	1.2396	0.6547	
	1.3186	1.2977	1.3746	1.6364	1.4377	1.8449	3.4671	
14	1.7276	1.7327	1.7499	1.6664	1.1706	0.6544		
	1.3509	1.3515	1.3741	1.5097	1.9914	3.4682		
15	0.8970	0.8753	0.8743	0.8318	F-SUB-Q			
	2.3475	2.4737	2.4742	2.6695	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4872	1.5473	1.6503	1.5311	1.5330	1.7867	1.7539	0.8924
	1.7900	1.7359	1.5344	1.6194	1.5678	1.3369	1.3590	2.4115
9	1.5473	1.7391	1.7303	1.7177	1.7564	1.8252	1.7589	0.8717
	1.7359	1.4734	1.4646	1.4589	1.3917	1.3157	1.3598	2.5405
10	1.6503	1.7304	1.7439	1.6601	1.7436	1.7742	1.7829	0.8753
	1.5344	1.4645	1.4472	1.5126	1.4187	1.3869	1.3762	2.5224
11	1.5311	1.7180	1.6605	1.6470	1.5915	1.5923	1.7104	0.8379
	1.6194	1.4587	1.5123	1.5636	1.6274	1.6257	1.4981	2.6967
12	1.5330	1.7567	1.7441	1.5916	1.6063	1.8005	1.8005	1.1920
	1.5678	1.3914	1.4184	1.6273	1.5948	1.4254	1.9988	
13	1.7867	1.8260	1.7748	1.5927	1.8007	1.2665	0.6637	
	1.3369	1.3149	1.3864	1.6254	1.4253	1.8486	3.5018	
14	1.7539	1.7594	1.7834	1.7108	1.1924	0.6634		
	1.3590	1.3595	1.3757	1.4977	1.9982	3.5029		
15	0.8924	0.8721	0.8755	0.8381	F-SUB-Q			
	2.4115	2.5396	2.5216	2.6960	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	1.4595	1.5242	1.6325	1.5144	1.5225	1.7751	1.7495	0.8845
	1.8602	1.7936	1.5823	1.6750	1.6081	1.3681	1.3861	2.4780
9	1.5242	1.7195	1.7039	1.7003	1.7394	1.8150	1.7553	0.8654
	1.7936	1.5194	1.5152	1.5021	1.4336	1.3440	1.3859	2.6044
10	1.6325	1.7040	1.7170	1.6382	1.7364	1.7688	1.7845	0.8712
	1.5823	1.5150	1.4977	1.5626	1.4550	1.4198	1.4028	2.5862
11	1.5144	1.7005	1.6385	1.6326	1.5865	1.5998	1.7206	0.8390
	1.6750	1.5019	1.5622	1.6098	1.6705	1.6549	1.5260	2.7586
12	1.5225	1.7397	1.7369	1.5866	1.6055	1.8116	1.2002	
	1.6081	1.4333	1.4547	1.6704	1.6357	1.4526	2.0312	
13	1.7751	1.8161	1.7694	1.6001	1.8118	1.2728	0.6636	
	1.3681	1.3432	1.4192	1.6547	1.4525	1.8905	3.5982	
14	1.7495	1.7558	1.7851	1.7210	1.2007	0.6633		
	1.3861	1.3856	1.4023	1.5255	2.0306	3.5993		
15	0.8845	0.8658	0.8714	0.8392	F-SUB-Q			
	2.4780	2.6036	2.5854	2.7578	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4382	1.5053	1.6241	1.4945	1.5209	1.7743	1.7570	0.8726
	1.9205	1.8430	1.6356	1.7449	1.6547	1.4045	1.4158	2.5753
9	1.5053	1.7111	1.6866	1.6939	1.7336	1.8173	1.7628	0.8555
	1.8430	1.5710	1.5743	1.5515	1.4797	1.3780	1.4165	2.7050
10	1.6241	1.6868	1.6999	1.6249	1.7408	1.7728	1.7968	0.8620
	1.6356	1.5741	1.5564	1.6216	1.4944	1.4575	1.4335	2.6896
11	1.4945	1.6941	1.6253	1.6281	1.5870	1.6119	1.7371	0.8285
	1.7449	1.5513	1.6212	1.6624	1.7098	1.6818	1.5593	2.8808
12	1.5209	1.7339	1.7412	1.5871	1.6088	1.8272	1.1913	
	1.6547	1.4794	1.4940	1.7097	1.6711	1.4745	2.0929	
13	1.7743	1.8183	1.7735	1.6122	1.8274	1.2627	0.6549	
	1.4045	1.3772	1.4569	1.6815	1.4743	1.9516	3.7348	
14	1.7570	1.7634	1.7974	1.7375	1.1918	0.6547		
	1.4158	1.4161	1.4331	1.5589	2.0922	3.7356		
15	0.8726	0.8559	0.8622	0.8287	F-SUB-Q			
	2.5753	2.7041	2.6887	2.8800	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	1.4098	1.4791	1.6021	1.4704	1.5076	1.7624	1.7495	0.8608
	2.0022	1.9201	1.7197	1.8410	1.7308	1.4642	1.4724	2.7027
9	1.4791	1.6882	1.6594	1.6734	1.7168	1.8076	1.7555	0.8453
	1.9201	1.6531	1.6605	1.6304	1.5499	1.4354	1.4734	2.8354
10	1.6021	1.6595	1.6727	1.6020	1.7299	1.7645	1.7927	0.8521
	1.7197	1.6602	1.6420	1.7079	1.5607	1.5193	1.4907	2.8225
11	1.4704	1.6736	1.6023	1.6097	1.5756	1.6080	1.7364	0.8196
	1.8410	1.6302	1.7075	1.7461	1.7557	1.7197	1.6001	3.0250
12	1.5076	1.7171	1.7304	1.5757	1.5997	1.8241	1.1820	
	1.7308	1.5496	1.5603	1.7556	1.7180	1.5099	2.1506	
13	1.7624	1.8086	1.7652	1.6083	1.8243	1.2514	0.6461	
	1.4642	1.4345	1.5187	1.7194	1.5097	2.0174	3.8686	
14	1.7495	1.7560	1.7933	1.7368	1.1824	0.6460		
	1.4724	1.4731	1.4902	1.5997	2.1499	3.8691		
15	0.8608	0.8457	0.8523	0.8198	F-SUB-Q			
	2.7027	2.8345	2.8216	3.0242	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3855	1.4560	1.5851	1.4471	1.4984	1.7538	1.7460	0.8486
	2.1116	2.0103	1.8168	1.9541	1.8193	1.5360	1.5402	2.8608
9	1.4560	1.6710	1.6364	1.6583	1.7038	1.8008	1.7518	0.8347
	2.0103	1.7425	1.7608	1.7211	1.6324	1.5045	1.5418	2.9965
10	1.5851	1.6366	1.6503	1.5832	1.7235	1.7585	1.7916	0.8412
	1.8168	1.7605	1.7415	1.8083	1.6380	1.5934	1.5590	2.9866
11	1.4471	1.6585	1.5836	1.5963	1.5663	1.6056	1.7371	0.8088
	1.9541	1.7209	1.8078	1.8147	1.8245	1.7780	1.6465	3.1922
12	1.4984	1.7041	1.7240	1.5664	1.5919	1.8232	1.1687	
	1.8193	1.6321	1.6375	1.8244	1.7861	1.5608	2.2444	
13	1.7538	1.8019	1.7592	1.6059	1.8234	1.2364	0.6360	
	1.5360	1.5036	1.5928	1.7777	1.5606	2.1097	4.0524	
14	1.7460	1.7523	1.7922	1.7376	1.1692	0.6359		
	1.5402	1.5414	1.5584	1.6461	2.2436	4.0527		
15	0.8486	0.8351	0.8414	0.8090	F-SUB-Q			
	2.8608	2.9955	2.9856	3.1914	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	1.3428	1.4147	1.5352	1.4163	1.4603	1.7164	1.7053	0.8390
	2.2561	2.1362	1.9647	2.1124	1.9630	1.6493	1.6571	3.0409
9	1.4147	1.6186	1.5890	1.6089	1.6631	1.7639	1.7120	0.8254
	2.1362	1.8612	1.8909	1.8615	1.7590	1.6148	1.6572	3.1790
10	1.5352	1.5891	1.6028	1.5404	1.6811	1.7230	1.7523	0.8324
	1.9647	1.8907	1.8718	1.9404	1.7636	1.7103	1.6759	3.1718
11	1.4163	1.6092	1.5407	1.5502	1.5316	1.5711	1.7008	0.8062
	2.1124	1.8612	1.9399	1.9303	1.9438	1.8877	1.7350	3.3103
12	1.4603	1.6634	1.6816	1.5317	1.5583	1.7830	1.1635	
	1.9630	1.7586	1.7631	1.9436	1.9032	1.6637	2.3432	
13	1.7164	1.7650	1.7236	1.5714	1.7833	1.2292	0.6311	
	1.6493	1.6138	1.7096	1.8872	1.6635	2.2138	4.2535	
14	1.7053	1.7125	1.7529	1.7012	1.1640	0.6309		
	1.6571	1.6568	1.6754	1.7345	2.3424	4.2542		
15	0.8390	0.8258	0.8326	0.8064	F-SUB-Q			
	3.0409	3.1779	3.1708	3.3094	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.3272	1.3992	1.5324	1.3946	1.4617	1.7185	1.7157	0.8241
	2.3752	2.2513	2.0534	2.2457	2.0716	1.7399	1.7395	3.2649
9	1.3992	1.6162	1.5769	1.6077	1.6605	1.7683	1.7217	0.8128
	2.2513	1.9436	1.9870	1.9413	1.8585	1.7014	1.7410	3.4079
10	1.5324	1.5771	1.5914	1.5312	1.6879	1.7274	1.7648	0.8186
	2.0534	1.9868	1.9663	2.0355	1.8317	1.7787	1.7408	3.3983
11	1.3946	1.6079	1.5316	1.5497	1.5308	1.5784	1.7135	0.7880
	2.2457	1.9410	2.0350	2.0108	2.0180	1.9522	1.7922	3.5256
12	1.4617	1.6608	1.6884	1.5309	1.5590	1.7947	1.1419	
	2.0716	1.8581	1.8312	2.0178	1.9788	1.7198	2.4765	
13	1.7185	1.7694	1.7281	1.5787	1.7950	1.2067	0.6167	
	1.7399	1.7004	1.7780	1.9516	1.7195	2.3497	4.5192	
14	1.7157	1.7223	1.7654	1.7140	1.1424	0.6166		
	1.7395	1.7406	1.7402	1.7917	2.4755	4.5193		
15	0.8241	0.8133	0.8188	0.7882	F-SUB-Q			
	3.2649	3.4067	3.3972	3.5247	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	1.2993	1.3720	1.5072	1.3694	1.4435	1.7003	1.7003	0.8122
	2.4456	2.3091	2.1076	2.3114	2.2050	1.8628	1.8593	3.5054
9	1.3720	1.5894	1.5479	1.5826	1.6384	1.7515	1.7063	0.8022
	2.3091	2.0005	2.0502	2.0121	1.9483	1.8197	1.8606	3.6516
10	1.5072	1.5481	1.5624	1.5055	1.6696	1.7115	1.7506	0.8075
	2.1076	2.0500	2.0321	2.1138	1.9197	1.8764	1.8372	3.6078
11	1.3694	1.5828	1.5059	1.5264	1.5126	1.5644	1.7012	0.7777
	2.3114	2.0119	2.1133	2.0937	2.1372	2.0632	1.8919	3.7424
12	1.4435	1.6387	1.6700	1.5128	1.5422	1.7798	1.1286	
	2.2050	1.9479	1.9192	2.1370	2.0929	1.8143	2.6224	
13	1.7003	1.7526	1.7122	1.5648	1.7801	1.1919	0.6071	
	1.8628	1.8186	1.8757	2.0626	1.8140	2.4874	4.7948	
14	1.7003	1.7068	1.7512	1.7017	1.1291	0.6070		
	1.8593	1.8601	1.8366	1.8914	2.6214	4.7948		
15	0.8122	0.8027	0.8077	0.7779	F-SUB-Q			
	3.5054	3.6502	3.6067	3.7415	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2609	1.3343	1.4625	1.3397	1.4083	1.6655	1.6629	0.8016
	2.4496	2.3081	2.1118	2.2972	2.1988	1.8653	1.8705	3.5225
9	1.3343	1.5423	1.5047	1.5398	1.6007	1.7168	1.6694	0.7922
	2.3081	2.0048	2.0509	2.0142	1.9414	1.8124	1.8651	3.6558
10	1.4625	1.5049	1.5195	1.4661	1.6305	1.6781	1.7141	0.7974
	2.1118	2.0507	2.0324	2.1119	1.9139	1.8642	1.8274	3.5669
11	1.3397	1.5401	1.4665	1.4844	1.4801	1.5316	1.6670	0.7731
	2.2972	2.0139	2.1114	2.0955	2.1343	2.0544	1.8917	3.6832
12	1.4083	1.6010	1.6310	1.4802	1.5104	1.7421	1.1200	
	2.1988	1.9410	1.9134	2.1341	2.1048	1.8301	2.5949	
13	1.6655	1.7179	1.6788	1.5320	1.7424	1.1814	0.6005	
	1.8653	1.8113	1.8635	2.0538	1.8298	2.4771	4.7982	
14	1.6629	1.6700	1.7147	1.6676	1.1205	0.6004		
	1.8705	1.8645	1.8267	1.8911	2.5937	4.7985		
15	0.8016	0.7926	0.7976	0.7733	F-SUB-Q			
	3.5225	3.6545	3.5656	3.6822	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	1.2435	1.3170	1.4562	1.3166	1.4059	1.6639	1.6690	0.7856
	2.3882	2.2443	2.0381	2.2416	2.1160	1.7959	1.7898	3.4238
9	1.3170	1.5365	1.4902	1.5375	1.5938	1.7172	1.6750	0.7786
	2.2443	1.9360	1.9921	1.9451	1.8825	1.7495	1.7895	3.5532
10	1.4562	1.4904	1.5051	1.4536	1.6328	1.6790	1.7222	0.7827
	2.0381	1.9919	1.9742	2.0518	1.8474	1.8042	1.7601	3.4830
11	1.3166	1.5377	1.4540	1.4800	1.4756	1.5366	1.6753	0.7542
	2.2416	1.9448	2.0513	2.0270	2.0798	1.9868	1.8273	3.6229
12	1.4059	1.5941	1.6333	1.4757	1.5075	1.7486	1.0970	
	2.1160	1.8821	1.8469	2.0797	2.0518	1.7739	2.5565	
13	1.6639	1.7184	1.6797	1.5371	1.7489	1.1572	0.5856	
	1.7959	1.7484	1.8035	1.9862	1.7736	2.4489	4.7030	
14	1.6690	1.6756	1.7228	1.6758	1.0975	0.5855		
	1.7898	1.7890	1.7594	1.8267	2.5554	4.7027		
15	0.7856	0.7791	0.7829	0.7544	F-SUB-Q			
	3.4238	3.5519	3.4819	3.6219	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2187	1.2927	1.4353	1.2939	1.3900	1.6488	1.6573	0.7725
	2.2088	2.0754	1.8811	2.0778	1.9625	1.6698	1.6598	3.1867
9	1.2927	1.5144	1.4648	1.5193	1.5742	1.7030	1.6630	0.7667
	2.0754	1.7875	1.8452	1.7975	1.7472	1.6239	1.6579	3.2977
10	1.4353	1.4650	1.4799	1.4308	1.6179	1.6657	1.7115	0.7702
	1.8811	1.8449	1.8292	1.9000	1.7068	1.6685	1.6238	3.2279
11	1.2939	1.5196	1.4312	1.4603	1.4595	1.5259	1.6662	0.7421
	2.0778	1.7972	1.8995	1.8692	1.9119	1.8232	1.6755	3.3518
12	1.3900	1.5746	1.6184	1.4596	1.4926	1.7368	1.0808	
	1.9625	1.7469	1.7063	1.9117	1.8886	1.6276	2.3600	
13	1.6488	1.7042	1.6664	1.5264	1.7371	1.1395	0.5744	
	1.6698	1.6229	1.6678	1.8226	1.6273	2.2597	4.3620	
14	1.6573	1.6636	1.7122	1.6668	1.0814	0.5744		
	1.6598	1.6574	1.6232	1.6750	2.3589	4.3614		
15	0.7725	0.7671	0.7704	0.7423	F-SUB-Q			
	3.1867	3.2964	3.2269	3.3509	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	1.1928	1.2669	1.4086	1.2691	1.3693	1.6274	1.6368	0.7619
	2.0671	1.9415	1.7585	1.9434	1.8257	1.5509	1.5411	2.9673
9	1.2669	1.4865	1.4364	1.4952	1.5499	1.6822	1.6428	0.7570
	1.9415	1.6707	1.7264	1.6797	1.6305	1.5057	1.5383	3.0653
10	1.4086	1.4366	1.4515	1.4047	1.5956	1.6454	1.6918	0.7601
	1.7585	1.7261	1.7113	1.7764	1.5901	1.5512	1.5091	3.0097
11	1.2691	1.4955	1.4051	1.4353	1.4382	1.5074	1.6474	0.7331
	1.9434	1.6795	1.7760	1.7459	1.7756	1.6931	1.5538	3.1173
12	1.3693	1.5502	1.5961	1.4384	1.4720	1.7155	1.0685	
	1.8257	1.6302	1.5896	1.7755	1.7511	1.5063	2.1858	
13	1.6274	1.6834	1.6461	1.5079	1.7159	1.1258	0.5663	
	1.5509	1.5048	1.5506	1.6925	1.5060	2.0921	4.0531	
14	1.6368	1.6434	1.6925	1.6480	1.0690	0.5663		
	1.5411	1.5378	1.5085	1.5533	2.1848	4.0526		
15	0.7619	0.7574	0.7603	0.7333	F-SUB-Q			
	2.9673	3.0641	3.0086	3.1164	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1639	1.2384	1.3736	1.2470	1.3405	1.5981	1.6050	0.7544
	2.1100	1.9793	1.7949	1.9655	1.8613	1.5759	1.5688	2.9967
9	1.2384	1.4490	1.4027	1.4614	1.5184	1.6527	1.6111	0.7494
	1.9793	1.7071	1.7600	1.7126	1.6562	1.5281	1.5649	3.0939
10	1.3736	1.4029	1.4178	1.3735	1.5620	1.6161	1.6594	0.7525
	1.7949	1.7597	1.7443	1.8104	1.6189	1.5736	1.5325	3.0277
11	1.2470	1.4616	1.3739	1.4034	1.4100	1.4781	1.6169	0.7304
	1.9655	1.7123	1.8099	1.7868	1.8059	1.7252	1.5808	3.1267
12	1.3405	1.5188	1.5625	1.4101	1.4439	1.6817	1.0620	
	1.8613	1.6559	1.6184	1.8057	1.7771	1.5290	2.1940	
13	1.5981	1.6538	1.6169	1.4786	1.6821	1.1178	0.5614	
	1.5759	1.5271	1.5730	1.7247	1.5287	2.0972	4.0794	
14	1.6050	1.6117	1.6601	1.6175	1.0626	0.5613		
	1.5688	1.5644	1.5320	1.5803	2.1930	4.0792		
15	0.7544	0.7498	0.7527	0.7306	F-SUB-Q			
	2.9967	3.0927	3.0267	3.1258	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	1.1567	1.2310	1.3778	1.2351	1.3457	1.6035	1.6186	0.7416
	1.9607	1.8453	1.6618	1.8481	1.7288	1.4634	1.4503	2.8459
9	1.2310	1.4542	1.3987	1.4677	1.5193	1.6599	1.6238	0.7387
	1.8453	1.5795	1.6390	1.5859	1.5399	1.4170	1.4472	2.9298
10	1.3778	1.3989	1.4139	1.3700	1.5716	1.6224	1.6731	0.7400
	1.6618	1.6387	1.6246	1.6861	1.4958	1.4560	1.4125	2.8659
11	1.2351	1.4680	1.3704	1.4095	1.4098	1.4874	1.6289	0.7129
	1.8481	1.5856	1.6856	1.6536	1.6773	1.5913	1.4554	2.9733
12	1.3457	1.5196	1.5721	1.4099	1.4445	1.6919	1.0402	
	1.7288	1.5396	1.4954	1.6771	1.6450	1.4099	2.0826	
13	1.6035	1.6611	1.6231	1.4880	1.6923	1.0952	0.5476	
	1.4634	1.4160	1.4554	1.5908	1.4096	1.9864	3.8900	
14	1.6186	1.6243	1.6738	1.6295	1.0408	0.5477		
	1.4503	1.4467	1.4119	1.4549	2.0815	3.8892		
15	0.7416	0.7391	0.7402	0.7131	F-SUB-Q			
	2.8459	2.9285	2.8650	2.9724	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1429	1.2166	1.3637	1.2213	1.3350	1.5938	1.6090	0.7342
	1.8563	1.7523	1.5771	1.7576	1.6407	1.3852	1.3729	2.7103
9	1.2166	1.4400	1.3840	1.4547	1.5071	1.6505	1.6137	0.7318
	1.7523	1.4981	1.5558	1.5041	1.4592	1.3400	1.3701	2.7869
10	1.3637	1.3842	1.3995	1.3563	1.5598	1.6112	1.6618	0.7318
	1.5771	1.5555	1.5418	1.5999	1.4161	1.3763	1.3354	2.7265
11	1.2213	1.4550	1.3567	1.3953	1.3950	1.4745	1.6150	0.7042
	1.7576	1.5038	1.5995	1.5682	1.5833	1.5045	1.3749	2.8266
12	1.3350	1.5074	1.5603	1.3952	1.4293	1.6751	1.0267	
	1.6407	1.4589	1.4156	1.5832	1.5495	1.3283	1.9727	
13	1.5938	1.6516	1.6119	1.4750	1.6755	1.0808	0.5392	
	1.3852	1.3391	1.3757	1.5040	1.3280	1.8782	3.6940	
14	1.6090	1.6143	1.6625	1.6156	1.0273	0.5392		
	1.3729	1.3696	1.3349	1.3744	1.9717	3.6933		
15	0.7342	0.7323	0.7320	0.7044	F-SUB-Q			
	2.7103	2.7857	2.7256	2.8257	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	1.1210	1.1932	1.3266	1.2034	1.3046	1.5654	1.5704	0.7325
	1.7958	1.6964	1.5395	1.6930	1.5960	1.3393	1.3361	2.5859
9	1.1932	1.4016	1.3562	1.4179	1.4795	1.6207	1.5755	0.7294
	1.6964	1.4615	1.5077	1.4656	1.4113	1.2955	1.3329	2.6614
10	1.3266	1.3564	1.3720	1.3301	1.5215	1.5790	1.6193	0.7281
	1.5395	1.5075	1.4936	1.5493	1.3779	1.3319	1.2998	2.6053
11	1.2034	1.4182	1.3305	1.3559	1.3621	1.4334	1.5679	0.7041
	1.6930	1.4654	1.5489	1.5293	1.5339	1.4665	1.3410	2.6845
12	1.3046	1.4798	1.5220	1.3622	1.3940	1.6228	1.0201	
	1.5960	1.4110	1.3775	1.5338	1.5009	1.2944	1.8797	
13	1.5654	1.6219	1.5797	1.4339	1.6232	1.0730	0.5363	
	1.3393	1.2946	1.3313	1.4660	1.2941	1.7876	3.5164	
14	1.5704	1.5760	1.6200	1.5685	1.0207	0.5363		
	1.3361	1.3324	1.2993	1.3406	1.8788	3.5160		
15	0.7325	0.7298	0.7283	0.7043	F-SUB-Q			
	2.5859	2.6603	2.6044	2.6837	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1197	1.1906	1.3251	1.1995	1.3052	1.5707	1.5718	0.7267
	1.7247	1.6308	1.4782	1.6315	1.5305	1.2792	1.2796	2.5039
9	1.1906	1.3991	1.3557	1.4176	1.4850	1.6253	1.5759	0.7250
	1.6308	1.4043	1.4465	1.4057	1.3477	1.2376	1.2773	2.5717
10	1.3251	1.3559	1.3708	1.3299	1.5214	1.5804	1.6166	0.7190
	1.4782	1.4462	1.4337	1.4858	1.3208	1.2741	1.2468	2.5319
11	1.1995	1.4178	1.3303	1.3505	1.3540	1.4261	1.5551	0.6868
	1.6315	1.4054	1.4854	1.4712	1.4764	1.4113	1.2937	2.6397
12	1.3052	1.4854	1.5219	1.3541	1.3803	1.6003	0.9917	
	1.5305	1.3474	1.3204	1.4763	1.4493	1.2543	1.8508	
13	1.5707	1.6264	1.5811	1.4266	1.6007	1.0393	0.5180	
	1.2792	1.2368	1.2735	1.4108	1.2541	1.7649	3.4887	
14	1.5718	1.5764	1.6173	1.5557	0.9923	0.5179		
	1.2796	1.2769	1.2463	1.2933	1.8499	3.4884		
15	0.7267	0.7254	0.7192	0.6870	F-SUB-Q			
	2.5039	2.5706	2.5311	2.6389	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	1.0812	1.1674	1.2869	1.1842	1.2809	1.5267	1.5226	0.7261
	1.7307	1.6104	1.4734	1.6000	1.5083	1.2725	1.2771	2.4289
9	1.1674	1.3442	1.3144	1.3817	1.4443	1.5753	1.5291	0.7263
	1.6104	1.4115	1.4393	1.3947	1.3396	1.2339	1.2726	2.4883
10	1.2869	1.3146	1.3147	1.2879	1.4654	1.5331	1.5621	0.7116
	1.4734	1.4391	1.4470	1.4849	1.3257	1.2692	1.2468	2.4792
11	1.1842	1.3820	1.2882	1.2985	1.3147	1.3895	1.4963	0.6668
	1.6000	1.3944	1.4845	1.4808	1.4695	1.3991	1.2988	2.6351
12	1.2809	1.4447	1.4658	1.3149	1.3108	1.5063	0.9615	
	1.5083	1.3393	1.3254	1.4694	1.4748	1.2869	1.8466	
13	1.5267	1.5764	1.5337	1.3900	1.5066	0.9783	0.4886	
	1.2725	1.2331	1.2687	1.3987	1.2866	1.8138	3.5851	
14	1.5226	1.5296	1.5627	1.4968	0.9620	0.4885		
	1.2771	1.2722	1.2463	1.2983	1.8458	3.5851		
15	0.7261	0.7267	0.7117	0.6669	F-SUB-Q			
	2.4289	2.4873	2.4783	2.6343	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.9172	* 1.0282	* 1.2993	* 1.0652	* 1.3795	* 1.3149	* 1.4555	* 0.6648
	* 1.9922	* 1.7847	* 1.4218	* 1.7443	* 1.3602	* 1.4375	* 1.3001	* 2.5929
9	* 1.0282	* 1.3749	* 1.1307	* 1.3570	* 1.2654	* 1.3593	* 1.4919	* 0.6826
	* 1.7847	* 1.3448	* 1.6328	* 1.3785	* 1.4823	* 1.3911	* 1.2691	* 2.5862
10	* 1.2993	* 1.1309	* 1.0800	* 1.1346	* 1.3488	* 1.3195	* 1.4756	* 0.6436
	* 1.4218	* 1.6326	* 1.7167	* 1.6473	* 1.3993	* 1.4337	* 1.2842	* 2.6784
11	* 1.0652	* 1.3572	* 1.1349	* 1.2377	* 1.1429	* 1.4413	* 1.3377	* 0.5758
	* 1.7443	* 1.3783	* 1.6468	* 1.5178	* 1.6473	* 1.3113	* 1.4138	* 2.9819
12	* 1.3795	* 1.2655	* 1.3491	* 1.1431	* 1.0723	* 1.3180	* 0.8494	
	* 1.3602	* 1.4822	* 1.3990	* 1.6471	* 1.7569	* 1.4332	* 2.0401	
13	* 1.3149	* 1.3602	* 1.3201	* 1.4417	* 1.3183	* 0.7971	* 0.4047	
	* 1.4375	* 1.3903	* 1.4332	* 1.3110	* 1.4329	* 2.1722	* 4.2327	
14	* 1.4555	* 1.4924	* 1.4761	* 1.3382	* 0.8498	* 0.4046		
	* 1.3001	* 1.2687	* 1.2837	* 1.4133	* 2.0393	* 4.2330		
15	* 0.6648	* 0.6830	* 0.6438	* 0.5760	F-SUB-Q			
	* 2.5929	* 2.5853	* 2.6775	* 2.9810	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	* 0.4177	* 0.4687	* 0.5613	* 0.4988	* 0.5998	* 0.5305	* 0.5623	* 0.2892
	* 4.2867	* 3.8344	* 3.2152	* 3.6470	* 3.0504	* 3.4754	* 3.2861	* 5.8444
9	* 0.4687	* 0.5481	* 0.4811	* 0.5736	* 0.5291	* 0.5430	* 0.5612	* 0.2965
	* 3.8344	* 3.2864	* 3.7571	* 3.1786	* 3.4536	* 3.3991	* 3.2936	* 5.8341
10	* 0.5613	* 0.4811	* 0.4506	* 0.4995	* 0.5780	* 0.5297	* 0.5495	* 0.2811
	* 3.2152	* 3.7567	* 4.0307	* 3.6622	* 3.1827	* 3.4858	* 3.3665	* 6.0088
11	* 0.4988	* 0.5737	* 0.4996	* 0.5350	* 0.4923	* 0.5702	* 0.5079	* 0.2443
	* 3.6470	* 3.1783	* 3.6615	* 3.4265	* 3.7400	* 3.2361	* 3.6407	* 6.8919
12	* 0.5998	* 0.5292	* 0.5781	* 0.4924	* 0.4422	* 0.4987	* 0.3545	
	* 3.0504	* 3.4533	* 3.1820	* 3.7392	* 4.1649	* 3.7014	* 4.7851	
13	* 0.5305	* 0.5432	* 0.5299	* 0.5703	* 0.4988	* 0.3273	* 0.1740	
	* 3.4754	* 3.3975	* 3.4845	* 3.2353	* 3.7005	* 5.1785	* 9.6594	
14	* 0.5623	* 0.5614	* 0.5497	* 0.5080	* 0.3547	* 0.1741		
	* 3.2861	* 3.2927	* 3.3654	* 3.6395	* 4.7833	* 9.6526		
15	* 0.2892	* 0.2966	* 0.2812	* 0.2444	F-SUB-Q			
	* 5.8444	* 5.8325	* 6.0065	* 6.8897	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.5704	* 0.6642	* 0.7852	* 0.6946	* 0.8121	* 0.7079	* 0.7193	* 0.3819
	* 4.7604	* 4.5044	* 3.6606	* 3.9898	* 3.3921	* 3.8932	* 3.8522	* 6.5581
9	* 0.6642	* 0.7662	* 0.6835	* 0.7886	* 0.7232	* 0.7085	* 0.7162	* 0.3871
	* 4.5044	* 3.9092	* 4.1700	* 3.5573	* 3.8399	* 3.9143	* 3.8918	* 6.6453
10	* 0.7852	* 0.6835	* 0.6465	* 0.6961	* 0.7702	* 0.6879	* 0.6911	* 0.3680
	* 3.6606	* 4.1697	* 4.5016	* 4.1021	* 3.7290	* 4.1511	* 4.0901	* 6.8917
11	* 0.6946	* 0.7886	* 0.6963	* 0.7265	* 0.6404	* 0.7209	* 0.6376	* 0.3151
	* 3.9898	* 3.5571	* 4.1013	* 4.1600	* 4.6839	* 4.1434	* 4.6211	* 8.2566
12	* 0.8121	* 0.7233	* 0.7703	* 0.6405	* 0.5423	* 0.5979	* 0.4449	*
	* 3.3921	* 3.8396	* 3.7283	* 4.6831	* 5.0489	* 4.6680	* 6.0336	*
13	* 0.7079	* 0.7088	* 0.6881	* 0.7211	* 0.5980	* 0.3993	* 0.2269	*
	* 3.8932	* 3.9128	* 4.1497	* 4.1425	* 4.6669	* 6.2307	* 11.3633	*
14	* 0.7193	* 0.7164	* 0.6914	* 0.6378	* 0.4451	* 0.2270	*	*
	* 3.8522	* 3.8908	* 4.0887	* 4.6196	* 6.0313	* 11.3562	*	*
15	* 0.3819	* 0.3872	* 0.3681	* 0.3151	* F-SUB-Q			
	* 6.5581	* 6.6440	* 6.8891	* 8.2539	* 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	* 1.2650	* 1.4206	* 1.7128	* 1.4437	* 1.7508	* 1.6479	* 1.7496	* 0.8762
	* 2.3633	* 2.1913	* 1.7298	* 1.9892	* 1.6271	* 1.7282	* 1.6399	* 2.9631
9	* 1.4206	* 1.8227	* 1.5531	* 1.7525	* 1.6524	* 1.6765	* 1.7896	* 0.8809
	* 2.1913	* 1.6878	* 1.9153	* 1.6621	* 1.7402	* 1.7098	* 1.6047	* 3.0245
10	* 1.7128	* 1.5532	* 1.4984	* 1.5244	* 1.6879	* 1.6138	* 1.7439	* 0.8416
	* 1.7298	* 1.9151	* 2.0193	* 1.9483	* 1.7665	* 1.8162	* 1.6763	* 3.1124
11	* 1.4436	* 1.7527	* 1.5247	* 1.5879	* 1.4466	* 1.7259	* 1.5613	* 0.7444
	* 1.9892	* 1.6619	* 1.9478	* 1.9701	* 2.1238	* 1.7846	* 1.9773	* 3.6220
12	* 1.7508	* 1.6525	* 1.6883	* 1.4468	* 1.2952	* 1.5312	* 1.0637	*
	* 1.6271	* 1.7401	* 1.7661	* 2.1235	* 2.2258	* 1.9238	* 2.6062	*
13	* 1.6479	* 1.6775	* 1.6144	* 1.7263	* 1.5315	* 1.0010	* 0.5393	*
	* 1.7282	* 1.7088	* 1.8155	* 1.7842	* 1.9235	* 2.6481	* 4.9565	*
14	* 1.7496	* 1.7901	* 1.7444	* 1.5617	* 1.0641	* 0.5392	*	*
	* 1.6399	* 1.6043	* 1.6757	* 1.9767	* 2.6053	* 4.9567	*	*
15	* 0.8762	* 0.8812	* 0.8419	* 0.7446	* F-SUB-Q			
	* 2.9631	* 3.0237	* 3.1113	* 3.6209	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 1.5169	* 1.6079	* 1.6801	* 1.6128	* 1.6084	* 1.8868	* 1.8185	* 0.9695
	* 2.0978	* 2.0056	* 1.8072	* 1.8558	* 1.8121	* 1.5405	* 1.5963	* 2.7108
9	* 1.6079	* 1.7639	* 1.7929	* 1.7536	* 1.8585	* 1.9271	* 1.8291	* 0.9479
	* 2.0056	* 1.7588	* 1.7054	* 1.7175	* 1.5910	* 1.5182	* 1.5914	* 2.8438
10	* 1.6801	* 1.7930	* 1.7992	* 1.7295	* 1.7984	* 1.8606	* 1.8366	* 0.9351
	* 1.8072	* 1.7053	* 1.7027	* 1.7617	* 1.6741	* 1.6127	* 1.6264	* 2.8635
11	* 1.6129	* 1.7538	* 1.7299	* 1.6773	* 1.6580	* 1.6404	* 1.7299	* 0.8764
	* 1.8558	* 1.7174	* 1.7613	* 1.8647	* 1.8984	* 1.9353	* 1.8125	* 3.1559
12	* 1.6084	* 1.8589	* 1.7989	* 1.6582	* 1.6158	* 1.7645	* 1.2316	
	* 1.8121	* 1.5907	* 1.6737	* 1.8982	* 1.8839	* 1.7247	* 2.3073	
13	* 1.8868	* 1.9280	* 1.8613	* 1.6408	* 1.7648	* 1.2692	* 0.6650	
	* 1.5405	* 1.5175	* 1.6120	* 1.9349	* 1.7244	* 2.1790	* 4.1341	
14	* 1.8185	* 1.8295	* 1.8372	* 1.7303	* 1.2321	* 0.6647		
	* 1.5963	* 1.5910	* 1.6258	* 1.8119	* 2.3066	* 4.1350		
15	* 0.9695	* 0.9483	* 0.9353	* 0.8766	* F-SUB-Q			
	* 2.7108	* 2.8430	* 2.8624	* 3.1550	* 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	* 1.5908	* 1.6614	* 1.7650	* 1.6538	* 1.6720	* 1.9856	* 1.9253	* 0.9706
	* 2.0645	* 2.0097	* 1.7746	* 1.8571	* 1.7883	* 1.4964	* 1.5406	* 2.7642
9	* 1.6614	* 1.8715	* 1.8816	* 1.8567	* 1.9459	* 2.0291	* 1.9306	* 0.9473
	* 2.0097	* 1.7008	* 1.6700	* 1.6788	* 1.5678	* 1.4735	* 1.5437	* 2.9133
10	* 1.7650	* 1.8817	* 1.9008	* 1.8124	* 1.9082	* 1.9644	* 1.9517	* 0.9466
	* 1.7746	* 1.6698	* 1.6501	* 1.7246	* 1.6203	* 1.5671	* 1.5715	* 2.9211
11	* 1.6538	* 1.8569	* 1.8128	* 1.7776	* 1.7319	* 1.7246	* 1.8486	* 0.8989
	* 1.8571	* 1.6786	* 1.7242	* 1.8071	* 1.8401	* 1.8629	* 1.7467	* 3.1657
12	* 1.6720	* 1.9463	* 1.9087	* 1.7321	* 1.7369	* 1.9325	* 1.2748	
	* 1.7883	* 1.5674	* 1.6198	* 1.8399	* 1.8014	* 1.6236	* 2.2927	
13	* 1.9856	* 2.0301	* 1.9652	* 1.7250	* 1.9327	* 1.3537	* 0.6994	
	* 1.4964	* 1.4726	* 1.5664	* 1.8626	* 1.6234	* 2.1088	* 4.0490	
14	* 1.9253	* 1.9312	* 1.9524	* 1.8491	* 1.2753	* 0.6991		
	* 1.5406	* 1.5432	* 1.5710	* 1.7462	* 2.2920	* 4.0501		
15	* 0.9706	* 0.9478	* 0.9469	* 0.8992	* F-SUB-Q			
	* 2.7642	* 2.9123	* 2.9200	* 3.1648	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.5730	1.6465	1.7663	1.6374	1.6753	1.9847	1.9401	0.9597
	2.1630	2.0970	1.8363	1.9404	1.8426	1.5438	1.5767	2.8854
9	1.6465	1.8738	1.8670	1.8597	1.9369	2.0281	1.9459	0.9381
	2.0970	1.7569	1.7404	1.7334	1.6236	1.5181	1.5800	3.0391
10	1.7663	1.8672	1.8870	1.8012	1.9199	1.9698	1.9742	0.9421
	1.8363	1.7402	1.7180	1.7948	1.6608	1.6096	1.6020	3.0282
11	1.6374	1.8600	1.8017	1.7840	1.7375	1.7490	1.8842	0.9002
	1.9404	1.7332	1.7943	1.8641	1.8925	1.8866	1.7612	3.2499
12	1.6753	1.9373	1.9205	1.7376	1.7573	1.9793	1.2903	
	1.8426	1.6232	1.6603	1.8924	1.8435	1.6412	2.3450	
13	1.9847	2.0294	1.9706	1.7495	1.9795	1.3740	0.7052	
	1.5438	1.5172	1.6089	1.8863	1.6410	2.1532	4.1627	
14	1.9401	1.9465	1.9749	1.8847	1.2908	0.7049		
	1.5767	1.5795	1.6014	1.7606	2.3442	4.1638		
15	0.9597	0.9385	0.9424	0.9004	F-SUB-Q			
	2.8854	3.0380	3.0271	3.2489	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	1.5300	1.6075	1.7323	1.6056	1.6491	1.9529	1.9175	0.9437
	2.3032	2.2151	1.9335	2.0513	1.9294	1.6157	1.6441	3.0280
9	1.6076	1.8358	1.8217	1.8243	1.9001	1.9994	1.9241	0.9242
	2.2151	1.8532	1.8412	1.8238	1.7083	1.5859	1.6466	3.1816
10	1.7323	1.8218	1.8406	1.7613	1.8945	1.9452	1.9580	0.9304
	1.9335	1.8410	1.8189	1.8942	1.7392	1.6830	1.6675	3.1655
11	1.6056	1.8246	1.7617	1.7530	1.7168	1.7389	1.8786	0.8946
	2.0513	1.8236	1.8937	1.9591	1.9947	1.9724	1.8311	3.3892
12	1.6491	1.9005	1.8951	1.7169	1.7409	1.9734	1.2887	
	1.9294	1.7079	1.7387	1.9945	1.9429	1.7187	2.4460	
13	1.9529	2.0007	1.9460	1.7394	1.9736	1.3693	0.7000	
	1.6157	1.5849	1.6823	1.9720	1.7185	2.2590	4.3867	
14	1.9175	1.9247	1.9587	1.8791	1.2892	0.6997		
	1.6441	1.6460	1.6668	1.8305	2.4451	4.3878		
15	0.9437	0.9246	0.9307	0.8948	F-SUB-Q			
	3.0280	3.1804	3.1643	3.3881	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4926	1.5717	1.7068	1.5688	1.6307	1.9312	1.9058	0.9227
	2.4433	2.3355	2.0506	2.1903	2.0364	1.7023	1.7228	3.2233
9	1.5717	1.8080	1.7843	1.7990	1.8739	1.9803	1.9125	0.9053
	2.3355	1.9664	1.9634	1.9329	1.8095	1.6688	1.7258	3.3855
10	1.7068	1.7845	1.8031	1.7291	1.8797	1.9290	1.9511	0.9123
	2.0506	1.9631	1.9402	2.0171	1.8324	1.7728	1.7480	3.3720
11	1.5688	1.7993	1.7295	1.7307	1.7002	1.7345	1.8777	0.8754
	2.1903	1.9326	2.0166	2.0750	2.1037	2.0648	1.9131	3.6251
12	1.6307	1.8743	1.8803	1.7003	1.7268	1.9701	1.2672	
	2.0364	1.8091	1.8319	2.1035	2.0449	1.7980	2.5993	
13	1.9312	1.9816	1.9298	1.7350	1.9704	1.3452	0.6847	
	1.7023	1.6677	1.7720	2.0644	1.7978	2.4061	4.6908	
14	1.9058	1.9131	1.9518	1.8782	1.2677	0.6845		
	1.7228	1.7253	1.7473	1.9125	2.5984	4.6915		
15	0.9227	0.9057	0.9125	0.8757	F-SUB-Q			
	3.2233	3.3843	3.3708	3.6240	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	1.4469	1.5273	1.6657	1.5266	1.5985	1.8956	1.8759	0.9010
	2.6391	2.5214	2.2240	2.3838	2.1964	1.8312	1.8477	3.4829
9	1.5273	1.7636	1.7354	1.7572	1.8341	1.9466	1.8828	0.8855
	2.5214	2.1351	2.1371	2.0890	1.9554	1.7936	1.8512	3.6535
10	1.6657	1.7356	1.7537	1.6853	1.8468	1.8976	1.9245	0.8928
	2.2241	2.1367	2.1127	2.1919	1.9737	1.9064	1.8745	3.6433
11	1.5266	1.7575	1.6857	1.6923	1.6691	1.7113	1.8559	0.8574
	2.3838	2.0887	2.1913	2.2475	2.2385	2.1889	2.0246	3.9190
12	1.5985	1.8345	1.8474	1.6693	1.6978	1.9443	1.2441	
	2.1964	1.9550	1.9731	2.2383	2.1825	1.9113	2.7627	
13	1.8956	1.9478	1.8984	1.7118	1.9446	1.3188	0.6689	
	1.8312	1.7924	1.9056	2.1884	1.9110	2.5837	5.0445	
14	1.8759	1.8834	1.9252	1.8565	1.2446	0.6687		
	1.8477	1.8506	1.8737	2.0240	2.7617	5.0450		
15	0.9010	0.8860	0.8930	0.8577	F-SUB-Q			
	3.4829	3.6522	3.6420	3.9178	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.4057	1.4860	1.6296	1.4863	1.5703	1.8630	1.8496	0.8788
	2.9054	2.7404	2.4168	2.5988	2.3620	1.9675	1.9781	3.7520
9	1.4860	1.7250	1.6909	1.7209	1.7982	1.9153	1.8564	0.8651
	2.7404	2.3307	2.3349	2.2577	2.1115	1.9260	1.9819	3.9289
10	1.6296	1.6911	1.7095	1.6458	1.8181	1.8679	1.9001	0.8719
	2.4168	2.3346	2.3101	2.3881	2.1231	2.0479	2.0060	3.9202
11	1.4863	1.7212	1.6463	1.6588	1.6399	1.6897	1.8349	0.8371
	2.5988	2.2573	2.3875	2.4304	2.4208	2.3541	2.1681	4.2221
12	1.5703	1.7986	1.8187	1.6401	1.6694	1.9201	1.2164	
	2.3620	2.1110	2.1224	2.4206	2.3628	2.0564	2.9967	
13	1.8630	1.9165	1.8687	1.6902	1.9204	1.2881	0.6515	
	1.9675	1.9247	2.0470	2.3536	2.0561	2.8099	5.4852	
14	1.8496	1.8570	1.9008	1.8355	1.2169	0.6513		
	1.9781	1.9813	2.0052	2.1674	2.9956	5.4854		
15	0.8788	0.8655	0.8722	0.8373	F-SUB-Q			
	3.7520	3.9275	3.9187	4.2209	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	1.3463	1.4266	1.5593	1.4364	1.5115	1.7997	1.7835	0.8590
	3.2420	3.0502	2.6778	2.8688	2.5914	2.1535	2.1693	4.0510
9	1.4266	1.6503	1.6216	1.6515	1.7328	1.8516	1.7912	0.8459
	3.0502	2.5827	2.5813	2.4917	2.3155	2.1056	2.1702	4.2307
10	1.5593	1.6218	1.6395	1.5814	1.7511	1.8066	1.8348	0.8530
	2.6778	2.5809	2.5537	2.6370	2.3278	2.2322	2.1884	4.2002
11	1.4364	1.6518	1.5818	1.5913	1.5838	1.6321	1.7738	0.8249
	2.8688	2.4913	2.6363	2.6995	2.7018	2.6050	2.3883	4.4793
12	1.5115	1.7332	1.7516	1.5840	1.6139	1.8538	1.1967	
	2.5914	2.3150	2.3271	2.7016	2.6386	2.2972	3.2786	
13	1.7997	1.8528	1.8074	1.6326	1.8541	1.2651	0.6393	
	2.1535	2.1042	2.2313	2.6042	2.2969	3.0874	6.0155	
14	1.7835	1.7918	1.8355	1.7744	1.1972	0.6391		
	2.1693	2.1696	2.1876	2.3875	3.2773	6.0163		
15	0.8590	0.8463	0.8533	0.8252	F-SUB-Q			
	4.0510	4.2291	4.1986	4.4779	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 50% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.3141	1.3935	1.5371	1.3978	1.4939	1.7779	1.7712	0.8338
	3.5963	3.3874	2.8496	3.0724	2.7436	2.2770	2.2798	4.3379
9	1.3935	1.6270	1.5886	1.6324	1.7075	1.8315	1.7781	0.8231
	3.3874	2.7608	2.7690	2.6384	2.4637	2.2265	2.2837	4.5278
10	1.5371	1.5888	1.6069	1.5520	1.7356	1.7871	1.8239	0.8290
	2.8496	2.7685	2.7382	2.8213	2.4649	2.3700	2.3108	4.5272
11	1.3978	1.6327	1.5524	1.5709	1.5628	1.6211	1.7643	0.7968
	3.0724	2.6379	2.8205	2.8716	2.9510	2.8040	2.5303	4.8690
12	1.4939	1.7079	1.7361	1.5630	1.5937	1.8418	1.1601	
	2.7436	2.4632	2.4641	2.9507	2.8898	2.5018	3.6382	
13	1.7779	1.8327	1.7879	1.6217	1.8421	1.2264	0.6173	
	2.2770	2.2251	2.3690	2.8030	2.5014	3.4538	6.7324	
14	1.7712	1.7787	1.8246	1.7649	1.1607	0.6172		
	2.2798	2.2830	2.3099	2.5294	3.6367	6.7323		
15	0.8338	0.8235	0.8292	0.7970	F-SUB-Q			
	4.3379	4.5261	4.5255	4.8675	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	1.2704	1.3492	1.4925	1.3554	1.4562	1.7352	1.7318	0.8118
	3.6682	3.4452	3.1028	3.3506	2.9685	2.4601	2.4579	4.6833
9	1.3492	1.5793	1.5391	1.5897	1.6622	1.7894	1.7387	0.8025
	3.4452	2.9582	3.0234	2.8620	2.6713	2.4042	2.4618	4.8799
10	1.4925	1.5393	1.5570	1.5061	1.6940	1.7468	1.7850	0.8078
	3.1028	3.0229	2.9901	3.0762	2.6658	2.5592	2.4896	4.8825
11	1.3554	1.5900	1.5064	1.5276	1.5241	1.5861	1.7284	0.7769
	3.3506	2.8615	3.0754	3.0807	3.1339	3.0007	2.7279	5.2609
12	1.4562	1.6626	1.6945	1.5243	1.5558	1.8020	1.1322	
	2.9685	2.6708	2.6650	3.1336	3.0882	2.6734	3.8873	
13	1.7352	1.7906	1.7475	1.5867	1.8023	1.1959	0.6005	
	2.4601	2.4026	2.5582	2.9997	2.6729	3.7023	7.2668	
14	1.7318	1.7393	1.7857	1.7290	1.1328	0.6004		
	2.4579	2.4611	2.4887	2.7270	3.8856	7.2664		
15	0.8118	0.8030	0.8080	0.7771	F-SUB-Q			
	4.6833	4.8781	4.8808	5.2594	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.2174	1.2956	1.4297	1.3085	1.4021	1.6763	1.6707	0.7914
	3.7223	3.4893	3.0446	3.2816	2.9975	2.5104	2.5165	4.7795
9	1.2956	1.5126	1.4766	1.5281	1.6020	1.7296	1.6781	0.7827
	3.4893	2.9486	2.9734	2.8729	2.7083	2.4561	2.5225	4.9801
10	1.4297	1.4768	1.4944	1.4475	1.6322	1.6890	1.7239	0.7879
	3.0446	2.9729	2.9437	3.0512	2.7145	2.6327	2.5720	5.0379
11	1.3085	1.5284	1.4479	1.4663	1.4717	1.5321	1.6708	0.7627
	3.2816	2.8723	3.0504	3.1225	3.1667	3.0294	2.7847	5.4290
12	1.4021	1.6024	1.6327	1.4718	1.5033	1.7398	1.1092	
	2.9975	2.7077	2.7137	3.1664	3.1198	2.7036	3.8722	
13	1.6763	1.7307	1.6898	1.5327	1.7401	1.1699	0.5868	
	2.5104	2.4545	2.6316	3.0283	2.7031	3.6956	7.2588	
14	1.6707	1.6786	1.7246	1.6714	1.1098	0.5867		
	2.5165	2.5218	2.5710	2.7837	3.8704	7.2589		
15	0.7914	0.7832	0.7881	0.7629	F-SUB-Q			
	4.7795	4.9781	5.0360	5.4272	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	1.1853	1.2623	1.4051	1.2712	1.3812	1.6513	1.6542	0.7660
	3.5925	3.3576	2.8866	3.1390	2.8462	2.3836	2.3783	4.6204
9	1.2623	1.4872	1.4430	1.5058	1.5733	1.7060	1.6609	0.7598
	3.3576	2.7932	2.8352	2.7234	2.5772	2.3293	2.3851	4.8149
10	1.4051	1.4432	1.4604	1.4160	1.6125	1.6666	1.7084	0.7636
	2.8866	2.8347	2.8059	2.9086	2.5693	2.4960	2.4283	4.8645
11	1.2712	1.5061	1.4164	1.4429	1.4475	1.5168	1.6564	0.7347
	3.1390	2.7228	2.9078	2.9596	3.0521	2.9042	2.6696	5.2705
12	1.3812	1.5736	1.6130	1.4476	1.4801	1.7224	1.0725	
	2.8462	2.5766	2.5685	3.0518	3.0148	2.5976	3.7741	
13	1.6513	1.7072	1.6674	1.5173	1.7227	1.1309	0.5650	
	2.3836	2.3277	2.4948	2.9032	2.5971	3.6136	7.0462	
14	1.6542	1.6615	1.7091	1.6570	1.0730	0.5650		
	2.3783	2.3843	2.4273	2.6687	3.7724	7.0454		
15	0.7660	0.7602	0.7638	0.7349	F-SUB-Q			
	4.6204	4.8129	4.8626	5.2688	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.1470	1.2233	1.3670	1.2333	1.3476	1.6138	1.6203	0.7438
	3.2781	3.0643	2.7047	2.9513	2.6905	2.2642	2.2524	4.3706
9	1.2233	1.4466	1.3997	1.4684	1.5329	1.6683	1.6266	0.7388
	3.0643	2.6136	2.6671	2.5591	2.4415	2.2109	2.2572	4.5439
10	1.3670	1.3999	1.4169	1.3754	1.5762	1.6304	1.6747	0.7421
	2.7047	2.6666	2.6389	2.7370	2.4223	2.3605	2.2897	4.5816
11	1.2333	1.4687	1.3758	1.4077	1.4126	1.4861	1.6251	0.7139
	2.9513	2.5586	2.7363	2.7247	2.7726	2.6293	2.4134	4.9128
12	1.3476	1.5332	1.5767	1.4128	1.4456	1.6874	1.0430	
	2.6905	2.4410	2.4216	2.7723	2.7374	2.3520	3.4419	
13	1.6138	1.6694	1.6312	1.4866	1.6878	1.0989	0.5474	
	2.2642	2.2094	2.3594	2.6284	2.3515	3.2987	6.4555	
14	1.6203	1.6271	1.6754	1.6257	1.0436	0.5474		
	2.2524	2.2565	2.2888	2.4125	3.4402	6.4544		
15	0.7438	0.7392	0.7423	0.7141	F-SUB-Q			
	4.3706	4.5421	4.5799	4.9113	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	1.1090	1.1842	1.3250	1.1949	1.3106	1.5712	1.5791	0.7247
	3.0059	2.7977	2.4303	2.6555	2.4207	2.0362	2.0236	3.9366
9	1.1842	1.4021	1.3552	1.4268	1.4891	1.6256	1.5855	0.7206
	2.7977	2.3458	2.3980	2.2984	2.1947	1.9857	2.0272	4.0870
10	1.3250	1.3555	1.3720	1.3331	1.5340	1.5889	1.6332	0.7233
	2.4303	2.3975	2.3717	2.4597	2.1734	2.1149	2.0510	4.1140
11	1.1949	1.4270	1.3335	1.3694	1.3740	1.4488	1.5854	0.6966
	2.6555	2.2980	2.4590	2.4860	2.5499	2.4044	2.2036	4.4268
12	1.3106	1.4895	1.5345	1.3742	1.4070	1.6444	1.0182	
	2.4207	2.1942	2.1728	2.5498	2.5156	2.1577	3.1536	
13	1.5712	1.6267	1.5896	1.4493	1.6447	1.0719	0.5332	
	2.0362	1.9844	2.1140	2.4036	2.1572	3.0236	5.9363	
14	1.5791	1.5860	1.6339	1.5860	1.0187	0.5332		
	2.0236	2.0266	2.0502	2.2028	3.1521	5.9352		
15	0.7247	0.7210	0.7236	0.6968	F-SUB-Q			
	3.9366	4.0853	4.1124	4.4254	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	1.0694	1.1438	1.2763	1.1587	1.2668	1.5224	1.5280	0.7090
	2.9759	2.7735	2.4004	2.6116	2.3936	2.0082	1.9994	3.8572
9	1.1438	1.3499	1.3070	1.3769	1.4400	1.5755	1.5344	0.7048
	2.7735	2.3145	2.3638	2.2689	2.1641	1.9564	2.0020	3.9980
10	1.2763	1.3072	1.3236	1.2873	1.4824	1.5398	1.5807	0.7075
	2.4004	2.3633	2.3368	2.4230	2.1438	2.0785	2.0196	4.0177
11	1.1587	1.3772	1.2877	1.3223	1.3300	1.4023	1.5355	0.6857
	2.6116	2.2684	2.4223	2.4512	2.5257	2.3831	2.1793	4.2819
12	1.2668	1.4404	1.4829	1.3301	1.3623	1.5907	0.9995	
	2.3936	2.1637	2.1431	2.5255	2.4927	2.1407	3.0819	
13	1.5224	1.5766	1.5405	1.4028	1.5911	1.0509	0.5223	
	2.0082	1.9551	2.0776	2.3823	2.1402	2.9652	5.8287	
14	1.5280	1.5350	1.5814	1.5361	1.0000	0.5223		
	1.9994	2.0014	2.0187	2.1785	3.0803	5.8281		
15	0.7090	0.7052	0.7077	0.6859	F-SUB-Q			
	3.8572	3.9962	4.0162	4.2805	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	1.0503	1.1235	1.2651	1.1351	1.2559	1.5075	1.5211	0.6887
	2.6874	2.4884	2.1564	2.3724	2.1613	1.8147	1.7987	3.5636
9	1.1235	1.3383	1.2874	1.3660	1.4223	1.5617	1.5266	0.6865
	2.4884	2.0744	2.1352	2.0394	1.9550	1.7650	1.8015	3.6872
10	1.2651	1.2876	1.3036	1.2681	1.4726	1.5256	1.5732	0.6875
	2.1564	2.1347	2.1095	2.1882	1.9243	1.8696	1.8097	3.6955
11	1.1351	1.3663	1.2685	1.3117	1.3130	1.3934	1.5271	0.6613
	2.3724	2.0390	2.1875	2.1976	2.2810	2.1258	1.9430	3.9509
12	1.2559	1.4227	1.4731	1.3131	1.3455	1.5797	0.9670	
	2.1613	1.9546	1.9237	2.2807	2.2501	1.9262	2.8464	
13	1.5075	1.5628	1.5263	1.3939	1.5801	1.0168	0.5035	
	1.8147	1.7637	1.8688	2.1250	1.9258	2.7346	5.4180	
14	1.5211	1.5272	1.5739	1.5277	0.9676	0.5036		
	1.7987	1.8009	1.8090	1.9422	2.8449	5.4167		
15	0.6887	0.6869	0.6877	0.6615	F-SUB-Q			
	3.5636	3.6856	3.6941	3.9496	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 50% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0264	1.0980	1.2379	1.1097	1.2311	1.4796	1.4933	0.6742
	2.4513	2.2969	1.9872	2.1911	1.9996	1.6768	1.6624	3.3121
9	1.0980	1.3100	1.2591	1.3379	1.3937	1.5331	1.4984	0.6724
	2.2969	1.9044	1.9668	1.8792	1.8030	1.6285	1.6645	3.4213
10	1.2379	1.2593	1.2753	1.2408	1.4438	1.4959	1.5430	0.6721
	1.9872	1.9664	1.9412	2.0145	1.7706	1.7191	1.6648	3.4212
11	1.1097	1.3382	1.2412	1.2832	1.2837	1.3644	1.4953	0.6458
	2.1911	1.8788	2.0139	2.0165	2.0874	1.9583	1.7831	3.6428
12	1.2311	1.3940	1.4443	1.2838	1.3151	1.5447	0.9433	
	1.9996	1.8026	1.7700	2.0872	2.0509	1.7566	2.6129	
13	1.4796	1.5342	1.4966	1.3649	1.5450	0.9916	0.4902	
	1.6768	1.6273	1.7183	1.9576	1.7562	2.5051	4.9745	
14	1.4933	1.4989	1.5437	1.4959	0.9438	0.4903		
	1.6624	1.6639	1.6641	1.7824	2.6116	4.9734		
15	0.6742	0.6728	0.6723	0.6460	F-SUB-Q			
	3.3121	3.4197	3.4199	3.6416	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	0.9964	1.0656	1.1914	1.0809	1.1895	1.4358	1.4402	0.6654
	2.3213	2.1298	1.8877	2.0595	1.9034	1.5885	1.5855	3.0956
9	1.0656	1.2612	1.2204	1.2894	1.3521	1.4873	1.4455	0.6630
	2.1298	1.8005	1.8503	1.7836	1.7019	1.5417	1.5861	3.1961
10	1.1914	1.2206	1.2365	1.2033	1.3919	1.4484	1.4856	0.6616
	1.8877	1.8500	1.8272	1.8968	1.6782	1.6212	1.5806	3.1898
11	1.0809	1.2897	1.2036	1.2331	1.2392	1.3109	1.4343	0.6388
	2.0595	1.7832	1.8962	1.9038	1.9794	1.8434	1.6841	3.3607
12	1.1895	1.3525	1.3924	1.2393	1.2679	1.4787	0.9268	
	1.9034	1.7015	1.6776	1.9792	1.9414	1.6742	2.4405	
13	1.4358	1.4884	1.4491	1.3114	1.4790	0.9734	0.4826	
	1.5885	1.5406	1.6205	1.8427	1.6738	2.3274	4.6246	
14	1.4402	1.4461	1.4862	1.4349	0.9274	0.4826		
	1.5855	1.5855	1.5800	1.6835	2.4392	4.6240		
15	0.6654	0.6634	0.6618	0.6390	F-SUB-Q			
	3.0956	3.1946	3.1886	3.3596	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.9853	1.0523	1.1777	1.0669	1.1769	1.4239	1.4250	0.6532
	2.1251	1.9869	1.7684	1.9374	1.7943	1.4935	1.4948	2.9495
9	1.0523	1.2456	1.2068	1.2750	1.3418	1.4739	1.4293	0.6521
	1.9869	1.6842	1.7307	1.6737	1.5935	1.4487	1.4956	3.0394
10	1.1777	1.2070	1.2222	1.1901	1.3761	1.4329	1.4660	0.6464
	1.7684	1.7304	1.7125	1.7771	1.5737	1.5177	1.4853	3.0380
11	1.0669	1.2753	1.1905	1.2123	1.2182	1.2895	1.4064	0.6166
	1.9374	1.6734	1.7766	1.7811	1.8349	1.7283	1.5839	3.2239
12	1.1769	1.3421	1.3766	1.2183	1.2413	1.4416	0.8914	
	1.7943	1.5932	1.5732	1.8346	1.8307	1.5835	2.3204	
13	1.4239	1.4750	1.4335	1.2900	1.4420	0.9327	0.4614	
	1.4935	1.4477	1.5170	1.7277	1.5831	2.2524	4.4764	
14	1.4250	1.4298	1.4666	1.4070	0.8919	0.4614		
	1.4948	1.4951	1.4847	1.5833	2.3193	4.4759		
15	0.6532	0.6525	0.6466	0.6168	F-SUB-Q			
	2.9495	3.0381	3.0369	3.2228	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	0.9422	1.0215	1.1330	1.0425	1.1422	1.3684	1.3649	0.6462
	2.0846	1.9094	1.7282	1.8715	1.7484	1.4708	1.4770	2.8297
9	1.0215	1.1843	1.1566	1.2294	1.2904	1.4123	1.3714	0.6468
	1.9094	1.6654	1.6944	1.6358	1.5636	1.4295	1.4746	2.9076
10	1.1330	1.1568	1.1599	1.1405	1.3108	1.3744	1.4006	0.6334
	1.7282	1.6941	1.7010	1.7473	1.5566	1.4919	1.4648	2.9331
11	1.0425	1.2296	1.1408	1.1535	1.1714	1.2426	1.3381	0.5927
	1.8715	1.6355	1.7469	1.7583	1.7781	1.6771	1.5578	3.1623
12	1.1422	1.2907	1.3113	1.1716	1.1663	1.3421	0.8553	
	1.7484	1.5633	1.5561	1.7778	1.8108	1.5809	2.2649	
13	1.3684	1.4133	1.3750	1.2431	1.3424	0.8690	0.4311	
	1.4708	1.4285	1.4912	1.6765	1.5806	2.2472	4.4764	
14	1.3649	1.3719	1.4012	1.3386	0.8558	0.4310		
	1.4770	1.4741	1.4643	1.5572	2.2639	4.4764		
15	0.6462	0.6472	0.6336	0.5929	F-SUB-Q			
	2.8297	2.9064	2.9321	3.1614	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 50% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.7910	* 0.8902	* 1.1299	* 0.9328	* 1.2140	* 1.1641	* 1.2890	* 0.5856
	* 2.3522	* 2.0898	* 1.6539	* 2.0201	* 1.5697	* 1.6564	* 1.4988	* 3.0070
9	* 0.8902	* 1.1967	* 0.9847	* 1.1914	* 1.1135	* 1.2037	* 1.3219	* 0.6017
	* 2.0898	* 1.5701	* 1.9043	* 1.6024	* 1.7190	* 1.6068	* 1.4668	* 3.0077
10	* 1.1299	* 0.9849	* 0.9430	* 0.9956	* 1.1911	* 1.1681	* 1.3071	* 0.5674
	* 1.6539	* 1.9040	* 2.0039	* 1.9242	* 1.6374	* 1.6763	* 1.5012	* 3.1371
11	* 0.9328	* 1.1916	* 0.9959	* 1.0880	* 1.0068	* 1.2726	* 1.1814	* 0.5065
	* 2.0201	* 1.6022	* 1.9237	* 1.8013	* 1.9677	* 1.5622	* 1.6836	* 3.5473
12	* 1.2140	* 1.1137	* 1.1914	* 1.0070	* 0.9432	* 1.1610	* 0.7476	
	* 1.5697	* 1.7189	* 1.6370	* 1.9673	* 2.1338	* 1.7415	* 2.4765	
13	* 1.1641	* 1.2044	* 1.1686	* 1.2730	* 1.1613	* 0.7003	* 0.3535	
	* 1.6564	* 1.6058	* 1.6756	* 1.5618	* 1.7410	* 2.6603	* 5.2227	
14	* 1.2890	* 1.3223	* 1.3076	* 1.1819	* 0.7479	* 0.3534		
	* 1.4988	* 1.4663	* 1.5006	* 1.6830	* 2.4754	* 5.2229		
15	* 0.5856	* 0.6021	* 0.5676	* 0.5067	* F-SUB-Q			
	* 3.0070	* 3.0065	* 3.1360	* 3.5462	* 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	* 0.3545	* 0.3993	* 0.4790	* 0.4296	* 0.5178	* 0.4605	* 0.4883	* 0.2505
	* 5.0432	* 4.4872	* 3.7479	* 4.2324	* 3.5309	* 4.0204	* 3.8019	* 6.7900
9	* 0.3993	* 0.4672	* 0.4115	* 0.4934	* 0.4564	* 0.4716	* 0.4875	* 0.2569
	* 4.4872	* 3.8441	* 4.3798	* 3.6949	* 4.0089	* 3.9406	* 3.8191	* 6.7914
10	* 0.4790	* 0.4116	* 0.3866	* 0.4311	* 0.5002	* 0.4595	* 0.4771	* 0.2436
	* 3.7479	* 4.3793	* 4.7137	* 4.2791	* 3.7297	* 4.0977	* 3.9446	* 7.0451
11	* 0.4296	* 0.4935	* 0.4312	* 0.4614	* 0.4264	* 0.4937	* 0.4401	* 0.2113
	* 4.2324	* 3.6945	* 4.2782	* 4.0615	* 4.4394	* 3.8530	* 4.3360	* 8.1934
12	* 0.5178	* 0.4564	* 0.5003	* 0.4265	* 0.3824	* 0.4310	* 0.3065	
	* 3.5309	* 4.0086	* 3.7289	* 4.4385	* 5.0389	* 4.4884	* 5.7878	
13	* 0.4605	* 0.4718	* 0.4596	* 0.4939	* 0.4311	* 0.2825	* 0.1496	
	* 4.0204	* 3.9388	* 4.0961	* 3.8520	* 4.4873	* 6.3431	* 11.9015	
14	* 0.4883	* 0.4876	* 0.4773	* 0.4402	* 0.3066	* 0.1497		
	* 3.8019	* 3.8180	* 3.9431	* 4.3345	* 5.7855	* 11.8929		
15	* 0.2505	* 0.2570	* 0.2437	* 0.2114	* F-SUB-Q			
	* 6.7900	* 6.7899	* 7.0423	* 8.1907	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	* 0.5816	* 0.6800	* 0.8086	* 0.7182	* 0.8480	* 0.7434	* 0.7618	* 0.3968
	* 4.7604	* 4.5044	* 3.6606	* 3.9898	* 3.3921	* 3.8932	* 3.8522	* 6.5581
9	* 0.6800	* 0.7899	* 0.7036	* 0.8196	* 0.7545	* 0.7475	* 0.7587	* 0.4023
	* 4.5044	* 3.9092	* 4.1700	* 3.5573	* 3.8399	* 3.9143	* 3.8918	* 6.6453
10	* 0.8086	* 0.7037	* 0.6680	* 0.7241	* 0.8056	* 0.7247	* 0.7326	* 0.3824
	* 3.6606	* 4.1697	* 4.5016	* 4.1021	* 3.7290	* 4.1511	* 4.0901	* 6.8917
11	* 0.7182	* 0.8196	* 0.7243	* 0.7548	* 0.6703	* 0.7589	* 0.6733	* 0.3264
	* 3.9898	* 3.5571	* 4.1013	* 4.1600	* 4.6839	* 4.1434	* 4.6211	* 8.2566
12	* 0.8480	* 0.7546	* 0.8058	* 0.6705	* 0.5653	* 0.6294	* 0.4631	
	* 3.3921	* 3.8396	* 3.7283	* 4.6831	* 5.0489	* 4.6680	* 6.0336	
13	* 0.7434	* 0.7478	* 0.7249	* 0.7591	* 0.6295	* 0.4151	* 0.2326	
	* 3.8932	* 3.9128	* 4.1497	* 4.1425	* 4.6669	* 6.2307	* 11.3633	
14	* 0.7618	* 0.7589	* 0.7328	* 0.6735	* 0.4634	* 0.2327		
	* 3.8522	* 3.8908	* 4.0887	* 4.6196	* 6.0313	* 11.3562		
15	* 0.3968	* 0.4025	* 0.3825	* 0.3265	* F-SUB-Q			
	* 6.5581	* 6.6440	* 6.8891	* 8.2539	* 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	* 1.3211	* 1.4922	* 1.8119	* 1.5320	* 1.8830	* 1.7899	* 1.9065	* 0.9329
	* 2.3633	* 2.1913	* 1.7298	* 1.9892	* 1.6271	* 1.7282	* 1.6399	* 2.9631
9	* 1.4922	* 1.9350	* 1.6453	* 1.8768	* 1.7758	* 1.8315	* 1.9514	* 0.9389
	* 2.1913	* 1.6878	* 1.9153	* 1.6621	* 1.7402	* 1.7098	* 1.6047	* 3.0245
10	* 1.8119	* 1.6454	* 1.5931	* 1.6314	* 1.8231	* 1.7607	* 1.9025	* 0.8970
	* 1.7298	* 1.9151	* 2.0193	* 1.9483	* 1.7665	* 1.8162	* 1.6763	* 3.1124
11	* 1.5320	* 1.8770	* 1.6318	* 1.6967	* 1.5567	* 1.8673	* 1.6938	* 0.7906
	* 1.9892	* 1.6619	* 1.9478	* 1.9701	* 2.1238	* 1.7846	* 1.9773	* 3.6220
12	* 1.8830	* 1.7760	* 1.8235	* 1.5570	* 1.3920	* 1.6570	* 1.1374	
	* 1.6271	* 1.7401	* 1.7661	* 2.1235	* 2.2258	* 1.9238	* 2.6062	
13	* 1.7899	* 1.8327	* 1.7614	* 1.8678	* 1.6574	* 1.0694	* 0.5657	
	* 1.7282	* 1.7088	* 1.8155	* 1.7842	* 1.9235	* 2.6481	* 4.9565	
14	* 1.9065	* 1.9521	* 1.9032	* 1.6944	* 1.1379	* 0.5657		
	* 1.6399	* 1.6043	* 1.6757	* 1.9767	* 2.6053	* 4.9567		
15	* 0.9329	* 0.9393	* 0.8972	* 0.7909	* F-SUB-Q			
	* 2.9631	* 3.0237	* 3.1113	* 3.6209	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5909	1.6960	1.7842	1.7108	1.7394	2.0699	1.9889	1.0362
	2.0978	2.0056	1.8072	1.8558	1.8121	1.5405	1.5963	2.7108
9	1.6960	1.8806	1.9137	1.8827	2.0251	2.1101	1.9993	1.0137
	2.0056	1.7588	1.7054	1.7175	1.5910	1.5182	1.5914	2.8438
10	1.7842	1.9139	1.9251	1.8560	1.9574	2.0407	2.0108	0.9999
	1.8072	1.7053	1.7027	1.7617	1.6741	1.6127	1.6264	2.8635
11	1.7108	1.8830	1.8565	1.7984	1.7918	1.7805	1.8854	0.9352
	1.8558	1.7174	1.7613	1.8647	1.8984	1.9353	1.8125	3.1559
12	1.7394	2.0256	1.9580	1.7921	1.7450	1.9170	1.3221	
	1.8121	1.5907	1.6737	1.8982	1.8839	1.7247	2.3073	
13	2.0699	2.1112	2.0415	1.7810	1.9173	1.3634	0.7016	
	1.5405	1.5175	1.6120	1.9349	1.7244	2.1790	4.1341	
14	1.9889	1.9998	2.0116	1.8860	1.3226	0.7014		
	1.5963	1.5910	1.6258	1.8119	2.3066	4.1350		
15	1.0362	1.0142	1.0002	0.9355	F-SUB-Q			
	2.7108	2.8430	2.8624	3.1550	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	1.6650	1.7484	1.8704	1.7528	1.8047	2.1731	2.1006	1.0351
	2.0645	2.0097	1.7746	1.8571	1.7883	1.4964	1.5406	2.7642
9	1.7484	1.9915	2.0046	1.9856	2.1160	2.2187	2.1067	1.0109
	2.0097	1.7008	1.6700	1.6788	1.5678	1.4735	1.5437	2.9133
10	1.8704	2.0048	2.0302	1.9417	2.0735	2.1492	2.1314	1.0102
	1.7746	1.6698	1.6501	1.7246	1.6203	1.5671	1.5715	2.9211
11	1.7528	1.9859	1.9422	1.9031	1.8675	1.8700	2.0097	0.9577
	1.8571	1.6786	1.7242	1.8071	1.8401	1.8629	1.7467	3.1657
12	1.8047	2.1165	2.0742	1.8678	1.8758	2.0951	1.3657	
	1.7883	1.5674	1.6198	1.8399	1.8014	1.6236	2.2927	
13	2.1731	2.2202	2.1501	1.8706	2.0954	1.4520	0.7373	
	1.4964	1.4726	1.5664	1.8626	1.6234	2.1088	4.0490	
14	2.1006	2.1075	2.1322	2.0104	1.3662	0.7370		
	1.5406	1.5432	1.5710	1.7462	2.2920	4.0501		
15	1.0351	1.0114	1.0105	0.9580	F-SUB-Q			
	2.7642	2.9123	2.9200	3.1648	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.6387	1.7247	1.8631	1.7263	1.7999	2.1605	2.1061	1.0192
	2.1630	2.0970	1.8363	1.9404	1.8426	1.5438	1.5767	2.8854
9	1.7247	1.9845	1.9795	1.9796	2.0955	2.2098	2.1128	0.9970
	2.0970	1.7569	1.7404	1.7334	1.6236	1.5181	1.5800	3.0391
10	1.8631	1.9797	2.0055	1.9206	2.0759	2.1437	2.1451	1.0014
	1.8363	1.7402	1.7180	1.7948	1.6608	1.6096	1.6020	3.0282
11	1.7263	1.9799	1.9211	1.9014	1.8647	1.8879	2.0386	0.9553
	1.9404	1.7332	1.7943	1.8641	1.8925	1.8866	1.7612	3.2499
12	1.7999	2.0960	2.0766	1.8649	1.8888	2.1356	1.3766	
	1.8426	1.6232	1.6603	1.8924	1.8435	1.6412	2.3450	
13	2.1605	2.2113	2.1447	1.8885	2.1359	1.4675	0.7409	
	1.5438	1.5172	1.6089	1.8863	1.6410	2.1532	4.1627	
14	2.1061	2.1136	2.1460	2.0393	1.3772	0.7407		
	1.5767	1.5795	1.6014	1.7606	2.3442	4.1638		
15	1.0192	0.9975	1.0017	0.9556	F-SUB-Q			
	2.8854	3.0380	3.0271	3.2489	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	1.5840	1.6735	1.8157	1.6806	1.7603	2.1108	2.0674	0.9967
	2.3032	2.2151	1.9335	2.0513	1.9294	1.6157	1.6441	3.0280
9	1.6735	1.9316	1.9186	1.9295	2.0415	2.1631	2.0751	0.9767
	2.2151	1.8532	1.8412	1.8238	1.7083	1.5859	1.6466	3.1816
10	1.8157	1.9188	1.9432	1.8658	2.0347	2.1022	2.1130	0.9834
	1.9335	1.8410	1.8189	1.8942	1.7392	1.6830	1.6675	3.1655
11	1.6806	1.9298	1.8663	1.8566	1.8308	1.8650	2.0194	0.9441
	2.0513	1.8236	1.8937	1.9591	1.9947	1.9724	1.8311	3.3892
12	1.7603	2.0420	2.0354	1.8309	1.8591	2.1153	1.3670	
	1.9294	1.7079	1.7387	1.9945	1.9429	1.7187	2.4460	
13	2.1108	2.1646	2.1031	1.8656	2.1156	1.4537	0.7316	
	1.6157	1.5849	1.6823	1.9720	1.7185	2.2590	4.3867	
14	2.0674	2.0758	2.1139	2.0201	1.3675	0.7314		
	1.6441	1.6460	1.6668	1.8305	2.4451	4.3878		
15	0.9967	0.9772	0.9837	0.9444	F-SUB-Q			
	3.0280	3.1804	3.1643	3.3881	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.5336	1.6239	1.7754	1.6302	1.7272	2.0700	2.0383	0.9676
	2.4433	2.3355	2.0506	2.1903	2.0364	1.7023	1.7228	3.2233
9	1.6239	1.8875	1.8644	1.8880	1.9969	2.1248	2.0461	0.9500
	2.3355	1.9664	1.9634	1.9329	1.8095	1.6688	1.7258	3.3855
10	1.7754	1.8646	1.8883	1.8172	2.0028	2.0676	2.0889	0.9575
	2.0506	1.9631	1.9402	2.0171	1.8324	1.7728	1.7480	3.3720
11	1.6302	1.8882	1.8177	1.8190	1.7990	1.8460	2.0029	0.9176
	2.1903	1.9326	2.0166	2.0750	2.1037	2.0648	1.9131	3.6251
12	1.7272	1.9974	2.0035	1.7992	1.8297	2.0953	1.3345	
	2.0364	1.8091	1.8319	2.1035	2.0449	1.7980	2.5993	
13	2.0700	2.1262	2.0685	1.8466	2.0956	1.4176	0.7109	
	1.7023	1.6677	1.7720	2.0644	1.7978	2.4061	4.6908	
14	2.0383	2.0468	2.0897	2.0036	1.3351	0.7107		
	1.7228	1.7253	1.7473	1.9125	2.5984	4.6915		
15	0.9676	0.9505	0.9578	0.9178	F-SUB-Q			
	3.2233	3.3843	3.3708	3.6240	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	1.4739	1.5644	1.7177	1.5734	1.6781	2.0127	1.9879	0.9372
	2.6391	2.5214	2.2240	2.3838	2.1964	1.8312	1.8477	3.4829
9	1.5644	1.8248	1.7970	1.8325	1.9365	2.0688	1.9959	0.9217
	2.5214	2.1351	2.1371	2.0890	1.9554	1.7936	1.8512	3.6535
10	1.7177	1.7972	1.8200	1.7554	1.9499	2.0149	2.0415	0.9294
	2.2241	2.1367	2.1127	2.1919	1.9737	1.9064	1.8745	3.6433
11	1.5734	1.8328	1.7558	1.7631	1.7506	1.8052	1.9621	0.8914
	2.3838	2.0887	2.1913	2.2475	2.2385	2.1889	2.0246	3.9190
12	1.6781	1.9370	1.9505	1.7507	1.7829	2.0492	1.2993	
	2.1964	1.9550	1.9731	2.2383	2.1825	1.9113	2.7627	
13	2.0127	2.0702	2.0159	1.8058	2.0496	1.3779	0.6889	
	1.8312	1.7924	1.9056	2.1884	1.9110	2.5837	5.0445	
14	1.9879	1.9966	2.0423	1.9628	1.2999	0.6888		
	1.8477	1.8506	1.8737	2.0240	2.7617	5.0450		
15	0.9372	0.9222	0.9297	0.8917	F-SUB-Q			
	3.4829	3.6522	3.6420	3.9178	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.4189	1.5082	1.6647	1.5193	1.6327	1.9581	1.9407	0.9060
	2.9054	2.7404	2.4168	2.5988	2.3620	1.9675	1.9781	3.7520
9	1.5082	1.7679	1.7342	1.7818	1.8797	2.0149	1.9485	0.8924
	2.7404	2.3307	2.3349	2.2577	2.1115	1.9260	1.9819	3.9289
10	1.6647	1.7344	1.7569	1.6978	1.9008	1.9635	1.9958	0.8996
	2.4168	2.3346	2.3101	2.3881	2.1231	2.0479	2.0060	3.9202
11	1.5193	1.7821	1.6983	1.7118	1.7035	1.7653	1.9211	0.8625
	2.5988	2.2573	2.3875	2.4304	2.4208	2.3541	2.1681	4.2221
12	1.6327	1.8802	1.9014	1.7037	1.7362	2.0039	1.2588	
	2.3620	2.1110	2.1224	2.4206	2.3628	2.0564	2.9967	
13	1.9581	2.0163	1.9644	1.7659	2.0042	1.3332	0.6651	
	1.9675	1.9247	2.0470	2.3536	2.0561	2.8099	5.4852	
14	1.9407	1.9492	1.9966	1.9217	1.2594	0.6650		
	1.9781	1.9813	2.0052	2.1674	2.9956	5.4854		
15	0.9060	0.8929	0.8999	0.8628	F-SUB-Q			
	3.7520	3.9275	3.9187	4.2209	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	1.3457	1.4336	1.5770	1.4519	1.5555	1.8711	1.8514	0.8771
	3.2420	3.0502	2.6778	2.8688	2.5914	2.1535	2.1693	4.0510
9	1.4336	1.6741	1.6460	1.6945	1.7921	1.9267	1.8601	0.8642
	3.0502	2.5827	2.5813	2.4917	2.3155	2.1056	2.1702	4.2307
10	1.5770	1.6462	1.6677	1.6147	1.8115	1.8785	1.9066	0.8716
	2.6778	2.5809	2.5537	2.6370	2.3278	2.2322	2.1884	4.2002
11	1.4519	1.6948	1.6151	1.6256	1.6284	1.6874	1.8375	0.8419
	2.8688	2.4913	2.6363	2.6995	2.7018	2.6050	2.3883	4.4793
12	1.5555	1.7926	1.8121	1.6285	1.6610	1.9142	1.2261	
	2.5914	2.3150	2.3271	2.7016	2.6386	2.2972	3.2786	
13	1.8711	1.9280	1.8794	1.6880	1.9146	1.2963	0.6465	
	2.1535	2.1042	2.2313	2.6042	2.2969	3.0874	6.0155	
14	1.8514	1.8607	1.9074	1.8382	1.2267	0.6464		
	2.1693	2.1696	2.1876	2.3875	3.2773	6.0163		
15	0.8771	0.8647	0.8719	0.8421	F-SUB-Q			
	4.0510	4.2291	4.1986	4.4779	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 1.2999	* 1.3857	* 1.5382	* 1.3999	* 1.5208	* 1.8275	* 1.8182	* 0.8426
	* 3.5963	* 3.3874	* 2.8496	* 3.0724	* 2.7436	* 2.2770	* 2.2798	* 4.3379
9	* 1.3857	* 1.6328	* 1.5951	* 1.6569	* 1.7463	* 1.8842	* 1.8261	* 0.8323
	* 3.3874	* 2.7608	* 2.7690	* 2.6384	* 2.4637	* 2.2265	* 2.2837	* 4.5278
10	* 1.5382	* 1.5953	* 1.6167	* 1.5674	* 1.7756	* 1.8373	* 1.8742	* 0.8383
	* 2.8496	* 2.7685	* 2.7382	* 2.8213	* 2.4649	* 2.3700	* 2.3108	* 4.5272
11	* 1.3999	* 1.6572	* 1.5678	* 1.5876	* 1.5892	* 1.6579	* 1.8076	* 0.8047
	* 3.0724	* 2.6379	* 2.8205	* 2.8716	* 2.9510	* 2.8040	* 2.5303	* 4.8690
12	* 1.5208	* 1.7467	* 1.7762	* 1.5894	* 1.6222	* 1.8807	* 1.1762	
	* 2.7436	* 2.4632	* 2.4641	* 2.9507	* 2.8898	* 2.5018	* 3.6382	
13	* 1.8275	* 1.8854	* 1.8382	* 1.6585	* 1.8811	* 1.2431	* 0.6179	
	* 2.2770	* 2.2251	* 2.3690	* 2.8030	* 2.5014	* 3.4538	* 6.7324	
14	* 1.8182	* 1.8267	* 1.8749	* 1.8083	* 1.1768	* 0.6179		
	* 2.2798	* 2.2830	* 2.3099	* 2.5294	* 3.6367	* 6.7323		
15	* 0.8426	* 0.8327	* 0.8386	* 0.8050	F-SUB-Q			
	* 4.3379	* 4.5261	* 4.5255	* 4.8675	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	* 1.2432	* 1.3272	* 1.4775	* 1.3426	* 1.4657	* 1.7626	* 1.7574	* 0.8115
	* 3.6682	* 3.4452	* 3.1028	* 3.3506	* 2.9685	* 2.4601	* 2.4579	* 4.6833
9	* 1.3272	* 1.5674	* 1.5282	* 1.5955	* 1.6803	* 1.8191	* 1.7649	* 0.8028
	* 3.4452	* 2.9582	* 3.0234	* 2.8620	* 2.6713	* 2.4042	* 2.4618	* 4.8799
10	* 1.4775	* 1.5284	* 1.5489	* 1.5039	* 1.7132	* 1.7747	* 1.8129	* 0.8081
	* 3.1028	* 3.0229	* 2.9901	* 3.0762	* 2.6658	* 2.5592	* 2.4896	* 4.8825
11	* 1.3426	* 1.5958	* 1.5043	* 1.5267	* 1.5324	* 1.6037	* 1.7504	* 0.7762
	* 3.3506	* 2.8615	* 3.0754	* 3.0807	* 3.1339	* 3.0007	* 2.7279	* 5.2609
12	* 1.4657	* 1.6807	* 1.7138	* 1.5325	* 1.5655	* 1.8189	* 1.1353	
	* 2.9685	* 2.6708	* 2.6650	* 3.1336	* 3.0882	* 2.6734	* 3.8873	
13	* 1.7626	* 1.8203	* 1.7755	* 1.6043	* 1.8192	* 1.1988	* 0.5947	
	* 2.4601	* 2.4026	* 2.5582	* 2.9997	* 2.6729	* 3.7023	* 7.2668	
14	* 1.7574	* 1.7655	* 1.8137	* 1.7511	* 1.1359	* 0.5947		
	* 2.4579	* 2.4611	* 2.4887	* 2.7270	* 3.8856	* 7.2664		
15	* 0.8115	* 0.8032	* 0.8084	* 0.7765	F-SUB-Q			
	* 4.6833	* 4.8781	* 4.8808	* 5.2594	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.1783	1.2604	1.3994	1.2804	1.3949	1.6822	1.6752	0.7824
	3.7223	3.4893	3.0446	3.2816	2.9975	2.5104	2.5165	4.7795
9	1.2604	1.4841	1.4493	1.5159	1.6002	1.7369	1.6830	0.7743
	3.4893	2.9486	2.9734	2.8729	2.7083	2.4561	2.5225	4.9801
10	1.3994	1.4495	1.4695	1.4288	1.6312	1.6954	1.7299	0.7794
	3.0446	2.9729	2.9437	3.0512	2.7145	2.6327	2.5720	5.0379
11	1.2804	1.5162	1.4292	1.4486	1.4625	1.5309	1.6719	0.7536
	3.2816	2.8723	3.0504	3.1225	3.1667	3.0294	2.7847	5.4290
12	1.3949	1.6006	1.6317	1.4626	1.4949	1.7351	1.0996	
	2.9975	2.7077	2.7137	3.1664	3.1198	2.7036	3.8722	
13	1.6822	1.7381	1.6962	1.5314	1.7355	1.1592	0.5748	
	2.5104	2.4545	2.6316	3.0283	2.7031	3.6956	7.2588	
14	1.6752	1.6837	1.7306	1.6726	1.1002	0.5747		
	2.5165	2.5218	2.5710	2.7837	3.8704	7.2589		
15	0.7824	0.7747	0.7797	0.7538	F-SUB-Q			
	4.7795	4.9781	5.0360	5.4272	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	1.1341	1.2140	1.3597	1.2309	1.3579	1.6367	1.6385	0.7486
	3.5925	3.3576	2.8866	3.1390	2.8462	2.3836	2.3783	4.6204
9	1.2140	1.4420	1.3997	1.4762	1.5523	1.6921	1.6456	0.7429
	3.3576	2.7932	2.8352	2.7234	2.5772	2.3293	2.3851	4.8149
10	1.3597	1.3999	1.4191	1.3812	1.5921	1.6522	1.6934	0.7468
	2.8866	2.8347	2.8059	2.9086	2.5693	2.4960	2.4283	4.8645
11	1.2309	1.4765	1.3816	1.4131	1.4212	1.4974	1.6375	0.7176
	3.1390	2.7228	2.9078	2.9596	3.0521	2.9042	2.6696	5.2705
12	1.3579	1.5527	1.5926	1.4214	1.4541	1.6969	1.0508	
	2.8462	2.5766	2.5685	3.0518	3.0148	2.5976	3.7741	
13	1.6367	1.6933	1.6530	1.4980	1.6973	1.1073	0.5472	
	2.3836	2.3277	2.4948	2.9032	2.5971	3.6136	7.0462	
14	1.6385	1.6462	1.6942	1.6382	1.0514	0.5472		
	2.3783	2.3843	2.4273	2.6687	3.7724	7.0454		
15	0.7486	0.7434	0.7470	0.7179	F-SUB-Q			
	4.6204	4.8129	4.8626	5.2688	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	1.0848	1.1629	1.3075	1.1804	1.3090	1.5795	1.5852	0.7185
	3.2781	3.0643	2.7047	2.9513	2.6905	2.2642	2.2524	4.3706
9	1.1629	1.3861	1.3415	1.4225	1.4939	1.6340	1.5918	0.7141
	3.0643	2.6136	2.6671	2.5591	2.4415	2.2109	2.2572	4.5439
10	1.3075	1.3417	1.3603	1.3256	1.5373	1.5962	1.6395	0.7173
	2.7047	2.6666	2.6389	2.7370	2.4223	2.3605	2.2897	4.5816
11	1.1804	1.4228	1.3260	1.3637	1.3702	1.4494	1.5870	0.6892
	2.9513	2.5586	2.7363	2.7247	2.7726	2.6293	2.4134	4.9128
12	1.3090	1.4943	1.5378	1.3704	1.4028	1.6420	1.0099	
	2.6905	2.4410	2.4216	2.7723	2.7374	2.3520	3.4419	
13	1.5795	1.6351	1.5970	1.4499	1.6423	1.0632	0.5240	
	2.2642	2.2094	2.3594	2.6284	2.3515	3.2987	6.4555	
14	1.5852	1.5924	1.6402	1.5876	1.0105	0.5241		
	2.2524	2.2565	2.2888	2.4125	3.4402	6.4544		
15	0.7185	0.7145	0.7175	0.6894	F-SUB-Q			
	4.3706	4.5421	4.5799	4.9113	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	1.0372	1.1130	1.2528	1.1305	1.2580	1.5190	1.5261	0.6921
	3.0059	2.7977	2.4303	2.6555	2.4207	2.0362	2.0236	3.9366
9	1.1130	1.3280	1.2838	1.3658	1.4338	1.5725	1.5327	0.6885
	2.7977	2.3458	2.3980	2.2984	2.1947	1.9857	2.0272	4.0870
10	1.2528	1.2840	1.3019	1.2697	1.4781	1.5364	1.5793	0.6912
	2.4303	2.3975	2.3717	2.4597	2.1734	2.1149	2.0510	4.1140
11	1.1305	1.3661	1.2701	1.3110	1.3170	1.3960	1.5293	0.6648
	2.6555	2.2980	2.4590	2.4860	2.5499	2.4044	2.2036	4.4268
12	1.2580	1.4341	1.4787	1.3171	1.3490	1.5806	0.9744	
	2.4207	2.1942	2.1728	2.5498	2.5156	2.1577	3.1536	
13	1.5190	1.5737	1.5371	1.3966	1.5810	1.0248	0.5046	
	2.0362	1.9844	2.1140	2.4036	2.1572	3.0236	5.9363	
14	1.5261	1.5333	1.5800	1.5299	0.9749	0.5047		
	2.0236	2.0266	2.0502	2.2028	3.1521	5.9352		
15	0.6921	0.6890	0.6914	0.6650	F-SUB-Q			
	3.9366	4.0853	4.1124	4.4254	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.9892	1.0631	1.1932	1.0832	1.2017	1.4539	1.4588	0.6695
	2.9759	2.7735	2.4004	2.6116	2.3936	2.0082	1.9994	3.8572
9	1.0631	1.2639	1.2240	1.3027	1.3699	1.5054	1.4654	0.6658
	2.7735	2.3145	2.3638	2.2689	2.1641	1.9564	2.0020	3.9980
10	1.1932	1.2242	1.2415	1.2119	1.4113	1.4708	1.5100	0.6683
	2.4004	2.3633	2.3368	2.4230	2.1438	2.0785	2.0196	4.0177
11	1.0832	1.3030	1.2123	1.2512	1.2598	1.3350	1.4632	0.6469
	2.6116	2.2684	2.4223	2.4512	2.5257	2.3831	2.1793	4.2819
12	1.2017	1.3702	1.4118	1.2599	1.2906	1.5105	0.9454	
	2.3936	2.1637	2.1431	2.5255	2.4927	2.1407	3.0819	
13	1.4539	1.5065	1.4715	1.3356	1.5109	0.9930	0.4888	
	2.0082	1.9551	2.0776	2.3823	2.1402	2.9652	5.8287	
14	1.4588	1.4660	1.5106	1.4638	0.9460	0.4888		
	1.9994	2.0014	2.0187	2.1785	3.0803	5.8281		
15	0.6695	0.6662	0.6686	0.6472	F-SUB-Q			
	3.8572	3.9962	4.0162	4.2805	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	0.9609	1.0327	1.1695	1.0501	1.1777	1.4223	1.4349	0.6430
	2.6874	2.4884	2.1564	2.3724	2.1613	1.8147	1.7987	3.5636
9	1.0327	1.2390	1.1919	1.2776	1.3370	1.4741	1.4407	0.6412
	2.4884	2.0744	2.1352	2.0394	1.9550	1.7650	1.8015	3.6872
10	1.1695	1.1921	1.2087	1.1802	1.3855	1.4396	1.4848	0.6421
	2.1564	2.1347	2.1095	2.1882	1.9243	1.8696	1.8097	3.6955
11	1.0501	1.2779	1.1805	1.2269	1.2291	1.3110	1.4379	0.6169
	2.3724	2.0390	2.1875	2.1976	2.2810	2.1258	1.9430	3.9509
12	1.1777	1.3374	1.3860	1.2292	1.2596	1.4822	0.9042	
	2.1613	1.9546	1.9237	2.2807	2.2501	1.9262	2.8464	
13	1.4223	1.4752	1.4403	1.3115	1.4826	0.9497	0.4659	
	1.8147	1.7637	1.8688	2.1250	1.9258	2.7346	5.4180	
14	1.4349	1.4412	1.4855	1.4385	0.9047	0.4660		
	1.7987	1.8009	1.8090	1.9422	2.8449	5.4167		
15	0.6430	0.6416	0.6423	0.6171	F-SUB-Q			
	3.5636	3.6856	3.6941	3.9496	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	* 0.9293	* 0.9986	* 1.1321	* 1.0156	* 1.1417	* 1.3797	* 1.3925	* 0.6225 *
	* 2.4513	* 2.2969	* 1.9872	* 2.1911	* 1.9996	* 1.6768	* 1.6624	* 3.3121 *
9	* 0.9986	* 1.1996	* 1.1530	* 1.2375	* 1.2951	* 1.4303	* 1.3978	* 0.6213 *
	* 2.2969	* 1.9044	* 1.9668	* 1.8792	* 1.8030	* 1.6285	* 1.6645	* 3.4213 *
10	* 1.1321	* 1.1532	* 1.1695	* 1.1421	* 1.3430	* 1.3951	* 1.4394	* 0.6209 *
	* 1.9872	* 1.9664	* 1.9412	* 2.0145	* 1.7706	* 1.7191	* 1.6648	* 3.4212 *
11	* 1.0156	* 1.2378	* 1.1424	* 1.1869	* 1.1882	* 1.2691	* 1.3917	* 0.5959 *
	* 2.1911	* 1.8788	* 2.0139	* 2.0165	* 2.0874	* 1.9583	* 1.7831	* 3.6428 *
12	* 1.1417	* 1.2955	* 1.3435	* 1.1883	* 1.2172	* 1.4326	* 0.8722 *	
	* 1.9996	* 1.8026	* 1.7700	* 2.0872	* 2.0509	* 1.7566	* 2.6129 *	
13	* 1.3797	* 1.4314	* 1.3958	* 1.2696	* 1.4330	* 0.9158	* 0.4488 *	
	* 1.6768	* 1.6273	* 1.7183	* 1.9576	* 1.7562	* 2.5051	* 4.9745 *	
14	* 1.3925	* 1.3983	* 1.4401	* 1.3923	* 0.8727	* 0.4489 *		
	* 1.6624	* 1.6639	* 1.6641	* 1.7824	* 2.6116	* 4.9734 *		
15	* 0.6225	* 0.6217	* 0.6211	* 0.5961	* F-SUB-Q			
	* 3.3121	* 3.4197	* 3.4199	* 3.6416	* 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	* 0.8934	* 0.9596	* 1.0785	* 0.9789	* 1.0913	* 1.3241	* 1.3282	* 0.6081 *
	* 2.3213	* 2.1298	* 1.8877	* 2.0595	* 1.9034	* 1.5885	* 1.5855	* 3.0956 *
9	* 0.9596	* 1.1431	* 1.1061	* 1.1800	* 1.2430	* 1.3721	* 1.3336	* 0.6062 *
	* 2.1298	* 1.8005	* 1.8503	* 1.7836	* 1.7019	* 1.5417	* 1.5861	* 3.1961 *
10	* 1.0785	* 1.1063	* 1.1224	* 1.0960	* 1.2807	* 1.3359	* 1.3704	* 0.6048 *
	* 1.8877	* 1.8500	* 1.8272	* 1.8968	* 1.6782	* 1.6212	* 1.5806	* 3.1898 *
11	* 0.9789	* 1.1803	* 1.0964	* 1.1285	* 1.1347	* 1.2060	* 1.3200	* 0.5832 *
	* 2.0595	* 1.7832	* 1.8962	* 1.9038	* 1.9794	* 1.8434	* 1.6841	* 3.3607 *
12	* 1.0913	* 1.2433	* 1.2812	* 1.1348	* 1.1609	* 1.3562	* 0.8479 *	
	* 1.9034	* 1.7015	* 1.6776	* 1.9792	* 1.9414	* 1.6742	* 2.4405 *	
13	* 1.3241	* 1.3732	* 1.3366	* 1.2065	* 1.3566	* 0.8895	* 0.4373 *	
	* 1.5885	* 1.5406	* 1.6205	* 1.8427	* 1.6738	* 2.3274	* 4.6246 *	
14	* 1.3282	* 1.3341	* 1.3711	* 1.3206	* 0.8484	* 0.4373 *		
	* 1.5855	* 1.5855	* 1.5800	* 1.6835	* 2.4392	* 4.6240 *		
15	* 0.6081	* 0.6066	* 0.6050	* 0.5834	* F-SUB-Q			
	* 3.0956	* 3.1946	* 3.1886	* 3.3596	* M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

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

	H	G	F	E	D	C	B	A
8	0.8751	0.9386	1.0557	0.9572	1.0691	1.2992	1.3003	0.5911
	2.1251	1.9869	1.7684	1.9374	1.7943	1.4935	1.4948	2.9495
9	0.9386	1.1179	1.0831	1.1551	1.2206	1.3453	1.3048	0.5903
	1.9869	1.6842	1.7307	1.6737	1.5935	1.4487	1.4956	3.0394
10	1.0557	1.0832	1.0985	1.0732	1.2531	1.3074	1.3380	0.5850
	1.7684	1.7304	1.7125	1.7771	1.5737	1.5177	1.4853	3.0380
11	0.9572	1.1553	1.0735	1.0982	1.1040	1.1739	1.2806	0.5573
	1.9374	1.6734	1.7766	1.7811	1.8349	1.7283	1.5839	3.2239
12	1.0691	1.2209	1.2536	1.1041	1.1247	1.3083	0.8071	
	1.7943	1.5932	1.5732	1.8346	1.8307	1.5835	2.3204	
13	1.2992	1.3463	1.3081	1.1744	1.3086	0.8436	0.4140	
	1.4935	1.4477	1.5170	1.7277	1.5831	2.2524	4.4764	
14	1.3003	1.3053	1.3386	1.2811	0.8076	0.4140		
	1.4948	1.4951	1.4847	1.5833	2.3193	4.4759		
15	0.5911	0.5907	0.5852	0.5575	F-SUB-Q			
	2.9495	3.0381	3.0369	3.2228	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	0.8294	0.9027	1.0069	0.9265	1.0269	1.2360	1.2329	0.5793
	2.0846	1.9094	1.7282	1.8715	1.7484	1.4708	1.4770	2.8297
9	0.9027	1.0527	1.0281	1.1027	1.1621	1.2759	1.2393	0.5801
	1.9094	1.6654	1.6944	1.6358	1.5636	1.4295	1.4746	2.9076
10	1.0069	1.0283	1.0335	1.0187	1.1817	1.2413	1.2653	0.5678
	1.7282	1.6941	1.7010	1.7473	1.5566	1.4919	1.4648	2.9331
11	0.9265	1.1030	1.0190	1.0342	1.0521	1.1198	1.2059	0.5306
	1.8715	1.6355	1.7469	1.7583	1.7781	1.6771	1.5578	3.1623
12	1.0269	1.1624	1.1821	1.0523	1.0461	1.2055	0.7670	
	1.7484	1.5633	1.5561	1.7778	1.8108	1.5809	2.2649	
13	1.2360	1.2768	1.2419	1.1202	1.2058	0.7782	0.3831	
	1.4708	1.4285	1.4912	1.6765	1.5806	2.2472	4.4764	
14	1.2329	1.2398	1.2659	1.2064	0.7674	0.3831		
	1.4770	1.4741	1.4643	1.5572	2.2639	4.4764		
15	0.5793	0.5805	0.5680	0.5308	F-SUB-Q			
	2.8297	2.9064	2.9321	3.1614	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-4 (CONTINUED)

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

AT 30% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8	0.6896	0.7796	0.9933	0.8260	1.0791	1.0399	1.1519	0.5201
	2.3522	2.0898	1.6539	2.0201	1.5697	1.6564	1.4988	3.0070
9	0.7796	1.0523	0.8665	1.0563	0.9893	1.0756	1.1817	0.5347
	2.0898	1.5701	1.9043	1.6024	1.7190	1.6068	1.4668	3.0077
10	0.9933	0.8666	0.8320	0.8821	1.0615	1.0434	1.1680	0.5041
	1.6539	1.9040	2.0039	1.9242	1.6374	1.6763	1.5012	3.1371
11	0.8260	1.0565	0.8823	0.9653	0.8951	1.1346	1.0527	0.4491
	2.0201	1.6022	1.9237	1.8013	1.9677	1.5622	1.6836	3.5473
12	1.0791	0.9894	1.0618	0.8953	0.8370	1.0318	0.6636	
	1.5697	1.7189	1.6370	1.9673	2.1338	1.7415	2.4765	
13	1.0399	1.0763	1.0438	1.1350	1.0321	0.6206	0.3111	
	1.6564	1.6058	1.6756	1.5618	1.7410	2.6603	5.2227	
14	1.1519	1.1821	1.1685	1.0531	0.6640	0.3111		
	1.4988	1.4663	1.5006	1.6830	2.4754	5.2229		
15	0.5201	0.5350	0.5043	0.4492	F-SUB-Q			
	3.0070	3.0065	3.1360	3.5462	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	0.3045	0.3447	0.4138	0.3743	0.4524	0.4041	0.4284	0.2190
	5.0432	4.4872	3.7479	4.2324	3.5309	4.0204	3.8019	6.7900
9	0.3447	0.4031	0.3567	0.4295	0.3981	0.4139	0.4278	0.2247
	4.4872	3.8441	4.3798	3.6949	4.0089	3.9406	3.8191	6.7914
10	0.4138	0.3567	0.3355	0.3763	0.4376	0.4027	0.4185	0.2130
	3.7479	4.3793	4.7137	4.2791	3.7297	4.0977	3.9446	7.0451
11	0.3743	0.4295	0.3764	0.4021	0.3733	0.4321	0.3851	0.1844
	4.2324	3.6945	4.2782	4.0615	4.4394	3.8530	4.3360	8.1934
12	0.4524	0.3981	0.4378	0.3734	0.3342	0.3764	0.2675	
	3.5309	4.0086	3.7289	4.4385	5.0389	4.4884	5.7878	
13	0.4041	0.4142	0.4029	0.4322	0.3765	0.2462	0.1297	
	4.0204	3.9388	4.0961	3.8520	4.4873	6.3431	11.9015	
14	0.4284	0.4279	0.4187	0.3853	0.2677	0.1298		
	3.8019	3.8180	3.9431	4.3345	5.7855	11.8929		
15	0.2190	0.2248	0.2131	0.1844	F-SUB-Q			
	6.7900	6.7899	7.0423	8.1907	M-SUB-Q			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 24 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	3.7957	3.7099	2.9747	3.6733	2.9097	3.6848	3.3336	5.9130
9*	3.7099	3.0345	3.7042	3.0076	3.5866	3.7299	3.3389	5.9544
10*	2.9747	3.7041	3.9315	3.6746	3.0424	3.7403	3.4225	6.0627
11*	3.6733	3.0074	3.6742	3.1322	3.8715	3.1781	3.6125	6.8836
12*	2.9097	3.5863	3.0420	3.8710	4.1793	3.5623	4.8450	
13*	3.6848	3.7289	3.7395	3.1776	3.5616	5.0205	8.8083	
14*	3.3336	3.3382	3.4218	3.6117	4.8434	8.8034		
15 *	5.9130	5.9531	6.0608	6.8821				

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*	1.9581	1.8623	1.4513	1.8711	1.4464	1.6966	1.4635	2.7272
9*	1.8623	1.3773	1.7454	1.4466	1.6819	1.7024	1.4265	2.7653
10*	1.4513	1.7454	1.8283	1.7957	1.4869	1.7260	1.4496	2.8076
11*	1.8711	1.4465	1.7954	1.5297	1.8369	1.4234	1.5638	3.0843
12*	1.4464	1.6818	1.4868	1.8367	1.9285	1.5318	2.1729	
13*	1.6966	1.7018	1.7257	1.4232	1.5316	2.2237	3.9490	
14*	1.4635	1.4262	1.4493	1.5635	2.1723	3.9494		
15 *	2.7272	2.7646	2.8067	3.0837				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 22 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	1.7473	1.6929	1.5090	1.7164	1.6149	1.5430	1.4400	2.5193
9*	1.6929	1.4520	1.5535	1.4648	1.5461	1.5127	1.4272	2.6283
10*	1.5090	1.5534	1.5651	1.6231	1.4475	1.5435	1.4082	2.5681
11*	1.7164	1.4647	1.6228	1.5083	1.6456	1.5368	1.4453	2.6803
12*	1.6149	1.5458	1.4472	1.6455	1.6407	1.3726	1.9241	
13*	1.5430	1.5122	1.5431	1.5366	1.3725	1.8357	3.3081	
14*	1.4400	1.4269	1.4079	1.4450	1.9236	3.3090		
15 *	2.5193	2.6276	2.5674	2.6798				

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*	1.7050	1.6686	1.4603	1.7042	1.5759	1.4818	1.3755	2.5545
9*	1.6686	1.4049	1.5113	1.4128	1.4952	1.4528	1.3701	2.6608
10*	1.4603	1.5112	1.5037	1.5723	1.3821	1.4782	1.3396	2.5757
11*	1.7042	1.4127	1.5720	1.4475	1.5755	1.4583	1.3690	2.6544
12*	1.5759	1.4949	1.3818	1.5754	1.5487	1.2736	1.8887	
13*	1.4818	1.4522	1.4777	1.4581	1.2735	1.7566	3.2159	
14*	1.3755	1.3698	1.3393	1.3687	1.8882	3.2170		
15 *	2.5545	2.6599	2.5749	2.6538				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 20 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	1.7596	1.7158	1.4858	1.7499	1.5956	1.4982	1.3811	2.6281
9*	1.7158	1.4265	1.5474	1.4332	1.5209	1.4695	1.3754	2.7378
10*	1.4858	1.5473	1.5381	1.6066	1.3919	1.4897	1.3392	2.6310
11*	1.7499	1.4331	1.6063	1.4660	1.5893	1.4478	1.3596	2.6969
12*	1.5956	1.5207	1.3916	1.5892	1.5528	1.2600	1.8974	
13*	1.4982	1.4687	1.4893	1.4477	1.2599	1.7598	3.2574	
14*	1.3811	1.3751	1.3389	1.3593	1.8969	3.2584		
15 *	2.6281	2.7370	2.6303	2.6964				

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*	1.8525	1.7986	1.5499	1.8249	1.6510	1.5449	1.4195	2.7286
9*	1.7986	1.4868	1.6186	1.4905	1.5761	1.5126	1.4130	2.8379
10*	1.5499	1.6185	1.6081	1.6752	1.4347	1.5315	1.3709	2.7192
11*	1.8249	1.4903	1.6749	1.5211	1.6388	1.4792	1.3866	2.7733
12*	1.6510	1.5758	1.4344	1.6387	1.5958	1.2854	1.9400	
13*	1.5449	1.5118	1.5311	1.4790	1.2853	1.8023	3.3640	
14*	1.4195	1.4127	1.3705	1.3863	1.9395	3.3650		
15 *	2.7286	2.8370	2.7185	2.7726				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 18 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9566	1.8944	1.6197	1.9209	1.7100	1.5949	1.4593	2.8631
9*	1.8944	1.5509	1.6967	1.5512	1.6347	1.5588	1.4533	2.9720
10*	1.6197	1.6966	1.6846	1.7507	1.4798	1.5765	1.4054	2.8443
11*	1.9209	1.5511	1.7503	1.5732	1.6981	1.5215	1.4204	2.9105
12*	1.7100	1.6344	1.4795	1.6979	1.6495	1.3197	2.0274	
13*	1.5949	1.5580	1.5760	1.5213	1.3196	1.8856	3.5458	
14*	1.4593	1.4530	1.4050	1.4201	2.0268	3.5465		
15 *	2.8631	2.9710	2.8435	2.9099				

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*	2.0932	2.0159	1.7158	2.0364	1.7927	1.6660	1.5205	3.0125
9*	2.0159	1.6405	1.7992	1.6366	1.7163	1.6265	1.5148	3.1231
10*	1.7158	1.7990	1.7852	1.8508	1.5492	1.6463	1.4647	2.9931
11*	2.0364	1.6364	1.8504	1.6586	1.7911	1.5966	1.4814	3.0663
12*	1.7927	1.7160	1.5489	1.7909	1.7389	1.3842	2.1397	
13*	1.6660	1.6256	1.6458	1.5964	1.3841	1.9969	3.7742	
14*	1.5205	1.5144	1.4643	1.4811	2.1390	3.7746		
15 *	3.0125	3.1220	2.9923	3.0657				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 16 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.2506	2.1507	1.8201	2.1615	1.8830	1.7470	1.5895	3.1819
9*	2.1507	1.7372	1.9112	1.7291	1.8082	1.7042	1.5844	3.2954
10*	1.8201	1.9110	1.8952	1.9614	1.6260	1.7249	1.5308	3.1697
11*	2.1615	1.7289	1.9610	1.7507	1.8951	1.6818	1.5487	3.2540
12*	1.8830	1.8079	1.6256	1.8949	1.8449	1.4593	2.2725	
13*	1.7470	1.7032	1.7243	1.6816	1.4591	2.1332	4.0366	
14*	1.5895	1.5840	1.5303	1.5483	2.2717	4.0368		
15 *	3.1819	3.2943	3.1688	3.2533				

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*	2.4089	2.3028	1.9612	2.3086	2.0200	1.8631	1.6988	3.3552
9*	2.3028	1.8796	2.0626	1.8619	1.9359	1.8165	1.6917	3.4785
10*	1.9612	2.0625	2.0436	2.1094	1.7434	1.8421	1.6376	3.3484
11*	2.3086	1.8617	2.1089	1.8914	2.0433	1.8134	1.6596	3.4155
12*	2.0200	1.9355	1.7430	2.0431	1.9928	1.5776	2.4042	
13*	1.8631	1.8155	1.8415	1.8132	1.5774	2.2712	4.2927	
14*	1.6988	1.6913	1.6372	1.6591	2.4034	4.2933		
15 *	3.3552	3.4773	3.3475	3.4148				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 14 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	2.5259	2.4086	2.0325	2.4190	2.1054	1.9411	1.7609	3.5602
9*	2.4086	1.9474	2.1562	1.9448	2.0279	1.8920	1.7556	3.6788
10*	2.0325	2.1560	2.1417	2.2205	1.8184	1.9249	1.7044	3.5574
11*	2.4190	1.9446	2.2200	1.9896	2.1580	1.9049	1.7339	3.6628
12*	2.1054	2.0276	1.8180	2.1578	2.1034	1.6547	2.5845	
13*	1.9411	1.8910	1.9243	1.9046	1.6545	2.4454	4.6398	
14*	1.7609	1.7551	1.7039	1.7335	2.5835	4.6398		
15 *	3.5602	3.6775	3.5563	3.6619				

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*	2.6609	2.5338	2.1320	2.5399	2.2149	2.0509	1.8576	3.7372
9*	2.5338	2.0402	2.2630	2.0343	2.1521	1.9980	1.8523	3.8648
10*	2.1320	2.2628	2.2464	2.3249	1.9255	2.0333	1.7975	3.7563
11*	2.5399	2.0340	2.3244	2.0820	2.2912	2.0186	1.8260	3.8726
12*	2.2149	2.1518	1.9250	2.2911	2.2355	1.7553	2.7423	
13*	2.0509	1.9969	2.0327	2.0183	1.7550	2.6060	4.8903	
14*	1.8576	1.8518	1.7970	1.8255	2.7413	4.8907		
15 *	3.7372	3.8635	3.7553	3.8719				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 12 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	2.6440	2.5110	2.1264	2.5148	2.2449	2.0875	1.8965	3.8146
9*	2.5110	2.0468	2.2687	2.0564	2.1743	2.0350	1.8913	3.9491
10*	2.1264	2.2685	2.2572	2.3514	1.9539	2.0819	1.8468	3.8429
11*	2.5148	2.0562	2.3510	2.1196	2.3565	2.0871	1.8915	3.9459
12*	2.2449	2.1739	1.9534	2.3563	2.3185	1.8299	2.8000	
13*	2.0875	2.0338	2.0812	2.0866	1.8296	2.6747	5.0949	
14*	1.8965	1.8907	1.8462	1.8910	2.7989	5.0955		
15 *	3.8146	3.9476	3.8416	3.9449				

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*	2.5507	2.4172	2.0296	2.4283	2.1483	2.0041	1.8121	3.7021
9*	2.4172	1.9528	2.1752	1.9598	2.0980	1.9523	1.8086	3.8251
10*	2.0296	2.1750	2.1632	2.2527	1.8766	2.0011	1.7674	3.7416
11*	2.4283	1.9596	2.2522	2.0226	2.2788	2.0062	1.8144	3.8794
12*	2.1483	2.0976	1.8762	2.2786	2.2381	1.7557	2.7556	
13*	2.0041	1.9512	2.0004	2.0057	1.7555	2.6307	4.9711	
14*	1.8121	1.8080	1.7668	1.8138	2.7545	4.9710		
15 *	3.7021	3.8237	3.7405	3.8785				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 10 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	2.4275	2.2969	1.9233	2.3112	2.0372	1.8983	1.7107	3.5188
9*	2.2969	1.8514	2.0685	1.8583	1.9859	1.8482	1.7068	3.6298
10*	1.9233	2.0682	2.0580	2.1418	1.7688	1.8889	1.6639	3.5363
11*	2.3112	1.8583	2.1413	1.9165	2.1473	1.8814	1.7003	3.6532
12*	2.0372	1.9855	1.7684	2.1471	2.1155	1.6554	2.5919	
13*	1.8983	1.8471	1.8883	1.8809	1.6551	2.4873	4.7246	
14*	1.7107	1.7063	1.6634	1.6998	2.5908	4.7243		
15 *	3.5188	3.6284	3.5351	3.6523				

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*	2.3019	2.1754	1.8191	2.1862	1.9194	1.7819	1.6051	3.3194
9*	2.1754	1.7507	1.9575	1.7565	1.8693	1.7327	1.6012	3.4163
10*	1.8191	1.9573	1.9469	2.0242	1.6616	1.7687	1.5571	3.3248
11*	2.1862	1.7564	2.0237	1.8096	2.0115	1.7603	1.5874	3.4255
12*	1.9194	1.8690	1.6611	2.0113	1.9774	1.5423	2.4200	
13*	1.7819	1.7317	1.7680	1.7598	1.5420	2.3197	4.4311	
14*	1.6051	1.6007	1.5566	1.5869	2.4189	4.4308		
15 *	3.3194	3.4148	3.3237	3.4246				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 8 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	2.2011	2.0769	1.7412	2.0774	1.8292	1.6891	1.5242	3.1332
9*	2.0769	1.6754	1.8698	1.6798	1.7773	1.6411	1.5201	3.2234
10*	1.7412	1.8696	1.8592	1.9310	1.5806	1.6737	1.4754	3.1329
11*	2.0774	1.6796	1.9306	1.7299	1.9049	1.6684	1.5010	3.2034
12*	1.8292	1.7769	1.5802	1.9048	1.8680	1.4558	2.2606	
13*	1.6891	1.6401	1.6731	1.6680	1.4555	2.1644	4.1591	
14*	1.5242	1.5197	1.4749	1.5005	2.2595	4.1587		
15 *	3.1332	3.2220	3.1318	3.2026				

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*	2.0726	1.9604	1.6284	1.9738	1.7089	1.5746	1.4145	2.9924
9*	1.9604	1.5661	1.7586	1.5706	1.6629	1.5281	1.4117	3.0706
10*	1.6284	1.7583	1.7478	1.8151	1.4707	1.5579	1.3673	2.9853
11*	1.9738	1.5704	1.8146	1.6177	1.7772	1.5492	1.3903	3.0742
12*	1.7089	1.6626	1.4703	1.7770	1.7352	1.3454	2.1551	
13*	1.5746	1.5271	1.5573	1.5488	1.3451	2.0567	3.9857	
14*	1.4145	1.4112	1.3668	1.3899	2.1541	3.9847		
15 *	2.9924	3.0692	2.9844	3.0733				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 6 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	1.9583	1.8550	1.5382	1.8697	1.6154	1.4894	1.3381	2.8448
9*	1.8550	1.4781	1.6613	1.4831	1.5770	1.4440	1.3357	2.9198
10*	1.5382	1.6611	1.6507	1.7141	1.3937	1.4726	1.2925	2.8475
11*	1.8697	1.4829	1.7136	1.5279	1.6836	1.4671	1.3146	2.9327
12*	1.6154	1.5767	1.3933	1.6834	1.6387	1.2694	2.0493	
13*	1.4894	1.4431	1.4720	1.4667	1.2691	1.9504	3.7893	
14*	1.3381	1.3353	1.2921	1.3141	2.0484	3.7886		
15 *	2.8448	2.9185	2.8467	2.9319				

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*	1.8811	1.7810	1.4888	1.7824	1.5540	1.4312	1.2942	2.6876
9*	1.7810	1.4284	1.5946	1.4318	1.5098	1.3875	1.2916	2.7615
10*	1.4888	1.5943	1.5836	1.6436	1.3450	1.4174	1.2518	2.7002
11*	1.7824	1.4315	1.6432	1.4767	1.6211	1.4244	1.2763	2.7699
12*	1.5540	1.5095	1.3446	1.6210	1.5840	1.2335	1.9465	
13*	1.4312	1.3866	1.4168	1.4240	1.2333	1.8519	3.5888	
14*	1.2942	1.2912	1.2514	1.2758	1.9456	3.5885		
15 *	2.6876	2.7603	2.6993	2.7692				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 4 OF 24
(LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A

8*	1.7893	1.6940	1.4143	1.7014	1.4716	1.3524	1.2255	2.5737
9*	1.6940	1.3568	1.5121	1.3569	1.4229	1.3124	1.2238	2.6391
10*	1.4143	1.5119	1.5024	1.5577	1.2728	1.3439	1.1901	2.5958
11*	1.7014	1.3567	1.5574	1.4049	1.5428	1.3560	1.2209	2.6953
12*	1.4716	1.4226	1.2725	1.5427	1.5130	1.1859	1.8963	
13*	1.3524	1.3116	1.3434	1.3556	1.1857	1.8097	3.5316	
14*	1.2255	1.2235	1.1896	1.2205	1.8955	3.5314		
15 *	2.5737	2.6379	2.5950	2.6946				

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*	1.7744	1.6525	1.3928	1.6475	1.4303	1.3252	1.2049	2.4676
9*	1.6525	1.3409	1.4815	1.3283	1.3941	1.2887	1.2010	2.5238
10*	1.3928	1.4813	1.4969	1.5363	1.2598	1.3210	1.1741	2.5125
11*	1.6475	1.3281	1.5359	1.3963	1.5190	1.3257	1.2122	2.6606
12*	1.4303	1.3939	1.2595	1.5188	1.5197	1.2002	1.8694	
13*	1.3252	1.2879	1.3205	1.3254	1.2000	1.8377	3.5945	
14*	1.2049	1.2007	1.1737	1.2118	1.8686	3.5946		
15 *	2.4676	2.5228	2.5117	2.6599				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-5 (CONTINUED)

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

AT 118% POWER, 4 EFPD, THIS IS LEVEL 2 OF 24
 (LEVEL 24 = TOP OF CORE, LEVEL 1 = BOTTOM)

	H	G	F	E	D	C	B	A
8*	2.0140	1.8063	1.3225	1.7757	1.2684	1.4728	1.2058	2.6013
9*	1.8063	1.2618	1.6569	1.2910	1.5155	1.4280	1.1767	2.5898
10*	1.3225	1.6567	1.7504	1.6801	1.3062	1.4641	1.1882	2.6838
11*	1.7757	1.2909	1.6797	1.4077	1.6774	1.2235	1.2991	2.9749
12*	1.2684	1.5153	1.3059	1.6772	1.7854	1.3172	2.0391	
13*	1.4728	1.4272	1.4635	1.2233	1.3169	2.1720	4.1989	
14*	1.2058	1.1763	1.1878	1.2987	2.0383	4.1992		
15 *	2.6013	2.5888	2.6828	2.9741				

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*	4.2590	3.8139	2.9408	3.6476	2.7909	3.4887	2.9928	5.7761
9*	3.8139	3.0232	3.7463	2.9222	3.4607	3.4209	2.9991	5.7534
10*	2.9408	3.7459	4.0295	3.6680	2.9156	3.4909	3.0595	5.9296
11*	3.6476	2.9219	3.6674	3.1204	3.7411	2.9653	3.2901	6.7769
12*	2.7909	3.4605	2.9151	3.7403	4.1543	3.3444	4.7068	
13*	3.4887	3.4195	3.4898	2.9646	3.3437	5.0935	9.4558	
14*	2.9928	2.9983	3.0585	3.2891	4.7050	9.4491		
15 *	5.7761	5.7518	5.9274	6.7749				

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-6

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 100% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.1004	1.1716	1.2731	1.1674	1.2169	1.3910	1.3917	0.6933
	1.5255	1.4681	1.4031	1.4617	1.3059	1.2459	1.2509	2.3329
9	1.1716	1.3289	1.2964	1.3180	1.3494	1.4299	1.3972	0.6868
	1.4681	1.3480	1.3275	1.2590	1.2693	1.2175	1.2479	2.3813
10	1.2731	1.2965	1.2994	1.2565	1.3675	1.3949	1.4228	0.6833
	1.4031	1.3274	1.3168	1.3728	1.2955	1.2634	1.2639	2.4202
11	1.1674	1.3180	1.2568	1.2687	1.2394	1.2904	1.3806	0.6521
	1.4617	1.2588	1.3725	1.3320	1.4211	1.3886	1.2982	2.5811
12	1.2169	1.3497	1.3678	1.2395	1.2435	1.4312	0.9355	
	1.3059	1.2691	1.2952	1.4211	1.3977	1.2333	1.8159	
13	1.3910	1.4307	1.3954	1.2907	1.4314	0.9719	0.5064	
	1.2459	1.2168	1.2630	1.3883	1.2332	1.7197	3.2445	
14	1.3917	1.3975	1.4232	1.3810	0.9359	0.5063		
	1.2509	1.2476	1.2635	1.2979	1.8153	3.2455		
15	0.6933	0.6871	0.6835	0.6523	F-DEL-H			
	2.3329	2.3803	2.4197	2.5807	M-DEL-H			

AT 75% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	1.0800	1.1556	1.2607	1.1561	1.2221	1.4117	1.4080	0.6890
	1.9165	1.8416	1.6563	1.7474	1.5360	1.4229	1.4553	2.7338
9	1.1556	1.3212	1.2894	1.3190	1.3641	1.4521	1.4134	0.6828
	1.8416	1.5291	1.5903	1.4819	1.4900	1.3964	1.3905	2.8214
10	1.2607	1.2896	1.2969	1.2566	1.3799	1.4145	1.4397	0.6793
	1.6563	1.5901	1.5838	1.6360	1.4533	1.4791	1.4670	2.9010
11	1.1561	1.3192	1.2569	1.2668	1.2434	1.2985	1.3908	0.6471
	1.7474	1.4817	1.6356	1.6097	1.7280	1.6102	1.5723	3.1155
12	1.2221	1.3644	1.3803	1.2435	1.2470	1.4387	0.9326	
	1.5360	1.4897	1.4529	1.7279	1.6990	1.5346	2.2653	
13	1.4117	1.4530	1.4150	1.2989	1.4390	0.9700	0.4983	
	1.4229	1.3955	1.4785	1.6098	1.5344	2.1346	4.0903	
14	1.4080	1.4139	1.4402	1.3912	0.9330	0.4982		
	1.4553	1.3902	1.4665	1.5719	2.2645	4.0915		
15	0.6890	0.6831	0.6795	0.6473	F-DEL-H			
	2.7338	2.8201	2.9004	3.1148	M-DEL-H			

Catawba 2 Cycle 26 Core Operating Limits Report

TABLE A-6 (CONTINUED)

F-DEL-H & M-DEL-H VALUES - POWER ESCALATION

AT 50% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 1.0557	* 1.1358	* 1.2453	* 1.1429	* 1.2271	* 1.4330	* 1.4255	* 0.6861
	* 1.8066	* 1.8336	* 1.6342	* 1.6729	* 1.4398	* 1.3615	* 1.4076	* 2.6475
9	* 1.1358	* 1.3103	* 1.2807	* 1.3210	* 1.3784	* 1.4748	* 1.4314	* 0.6800
	* 1.8336	* 1.4946	* 1.5453	* 1.4351	* 1.4366	* 1.3363	* 1.3382	* 2.7164
10	* 1.2453	* 1.2809	* 1.2908	* 1.2543	* 1.3927	* 1.4351	* 1.4582	* 0.6766
	* 1.6342	* 1.5451	* 1.5334	* 1.5979	* 1.4058	* 1.4286	* 1.4358	* 2.8021
11	* 1.1429	* 1.3212	* 1.2547	* 1.2635	* 1.2476	* 1.3080	* 1.4029	* 0.6435
	* 1.6729	* 1.4349	* 1.5975	* 1.5748	* 1.6777	* 1.5666	* 1.5588	* 3.1089
12	* 1.2271	* 1.3787	* 1.3931	* 1.2477	* 1.2507	* 1.4471	* 0.9310	*
	* 1.4398	* 1.4363	* 1.4055	* 1.6776	* 1.6387	* 1.4637	* 2.2142	*
13	* 1.4330	* 1.4758	* 1.4357	* 1.3084	* 1.4474	* 0.9689	* 0.4911	*
	* 1.3615	* 1.3355	* 1.4280	* 1.5663	* 1.4636	* 2.0709	* 3.9900	*
14	* 1.4255	* 1.4318	* 1.4587	* 1.4033	* 0.9315	* 0.4910	*	*
	* 1.4076	* 1.3379	* 1.4353	* 1.5583	* 2.2134	* 3.9917	*	*
15	* 0.6861	* 0.6804	* 0.6768	* 0.6436	* F-DEL-H			
	* 2.6475	* 2.7152	* 2.8014	* 3.1080	* M-DEL-H			

AT 30% POWER, 4 EFPD

	H	G	F	E	D	C	B	A
8	* 1.0332	* 1.1171	* 1.2312	* 1.1313	* 1.2316	* 1.4517	* 1.4413	* 0.6840
	* 1.8066	* 1.8336	* 1.6342	* 1.6729	* 1.4398	* 1.3615	* 1.4076	* 2.6475
9	* 1.1171	* 1.2991	* 1.2714	* 1.3224	* 1.3906	* 1.4947	* 1.4476	* 0.6781
	* 1.8336	* 1.4946	* 1.5453	* 1.4351	* 1.4366	* 1.3363	* 1.3382	* 2.7164
10	* 1.2312	* 1.2715	* 1.2839	* 1.2514	* 1.4041	* 1.4533	* 1.4749	* 0.6748
	* 1.6342	* 1.5451	* 1.5334	* 1.5979	* 1.4058	* 1.4286	* 1.4358	* 2.8021
11	* 1.1313	* 1.3227	* 1.2517	* 1.2602	* 1.2513	* 1.3168	* 1.4140	* 0.6408
	* 1.6729	* 1.4349	* 1.5975	* 1.5748	* 1.6777	* 1.5666	* 1.5588	* 3.1089
12	* 1.2316	* 1.3909	* 1.4046	* 1.2515	* 1.2539	* 1.4544	* 0.9303	*
	* 1.4398	* 1.4363	* 1.4055	* 1.6776	* 1.6387	* 1.4637	* 2.2142	*
13	* 1.4517	* 1.4957	* 1.4540	* 1.3172	* 1.4547	* 0.9683	* 0.4850	*
	* 1.3615	* 1.3355	* 1.4280	* 1.5663	* 1.4636	* 2.0709	* 3.9900	*
14	* 1.4413	* 1.4481	* 1.4755	* 1.4146	* 0.9308	* 0.4850	*	*
	* 1.4076	* 1.3379	* 1.4353	* 1.5583	* 2.2134	* 3.9917	*	*
15	* 0.6840	* 0.6784	* 0.6750	* 0.6410	* F-DEL-H			
	* 2.6475	* 2.7152	* 2.8014	* 3.1080	* M-DEL-H			