Revision 3 Pages

Unit 2 COLR

CORE OPERATING LIMITS REPORT

PALO VERDE NUCLEAR GENERATING STATION (PVNGS)

UNIT 2 CYCLE 7

Revision 3

PVNGS UNIT 2 CYCLE 7 CORE OPERATING LIMITS REPORT

Table of Contents

PVNGS UNIT 2 CYCLE 7 CORE OPERATING LIMITS REPORT
Table of Contents (Continued)

CORE OPERATING LIMITS - CONTINUED

3.2.3 - Azimuthal Power Tilt - T_q

The AZIMUTHAL POWER TILT (T_q) shall be less than or equal to the limit in Figure 3.2.3-1 with COLSS IN SERVICE.

3.2.4 - DNBR Margin

COLSS IN SERVICE and Both CEAC's INOPERABLE - Maintaining COLSS calculated core power less than or equal to COLSS calculated core power operation limit based on DNBR decreased by the allowance shown in Figure 3.2.4-1.

COLSS OUT OF SERVICE and Either One or Both CEAC's are OPERABLE - Operating within the region of acceptable operation of Figure 3.2.4-2 using any operable CPC channel.

COLSS OUT OF SERVICE and CEAC's INOPERABLE - Operating within the region of acceptable operation of Figure 3.2.4-3 using any operable CPC channel.

3.2.7 - Axial Shape Index

The core average AXIAL SHAPE INDEX (ASI) shall be maintained within the following limits:

COLSS OPERABLE
$-0.188 \leq ASI \leq 0.169$ for power $\geq 50\%$
$-0.288 \leq ASI \leq 0.169$ for power $< 50\%$

3

COLSS OUT OF SERVICE (CPC)
$-0.10 \leq ASI \leq 0.10$

3.9.1 - Boron Concentration (Mode 6)

The boron concentration of all filled portions of the Reactor Coolant System and the refueling canal shall be maintained at a uniform concentration ≥ 2500 ppm.

LIST OF FIGURES