

Catawba Unit 2 Cycle 8
Core Operating Limits Report
March 1997

Duke Power Company

		Date
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QA Condition 1

The contents of this document have been reviewed to verify that no material herein either directly or indirectly changes the results and conclusions presented in the 10CFR50.59 Catawba 2 Cycle 8 Reload Safety Evaluation.

INSERTION SHEET FOR REVISION 8

Remove

Pages 1- 3, Revision 7

Page 18, Revision 6

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REVISION LOG

<u>Revision</u>	<u>Effective Date</u>	<u>Comment</u>
Original Issue	February 1993	C2C06 COLR
Revision 1	April 1994	C2C06 COLR Revision 1
Revision 2	May 1994	C2C07 COLR
Revision 3	October 1994	C2C07 COLR Revision 1
Revision 4	April 1995	C2C07 COLR Revision 2
Revision 5	September 1995	C2C07 COLR Revision 3
Revision 6	October 1995	C2C08 COLR
Revision 7	September 1996	C2C08 COLR Revision 1
Revision 8	March 1997	C2C08 COLR Revision 2

3.8 Boron Dilution Mitigation System (Specification 3/4.3.3.11)**3.8.1 Reactor Water Makeup Pump flowrate limits:**

<u>Applicable Mode</u>	<u>Limit</u>
Mode 3 or 4	≤ 150 gpm
Mode 5	≤ 70 gpm

3.9 Accumulators (Specification 3/4.5.1)**3.9.1 Boron concentration limits during modes 1, 2, and 3:**

<u>Parameter</u>	<u>Limit</u>
Cold Leg Accumulator minimum boron concentration for LCO 3.5.1c	2,375 ppm
Cold Leg Accumulator maximum boron concentration for LCO 3.5.1c	3,075 ppm
Minimum Cold Leg Accumulator boron concentration required to ensure post-LOCA subcriticality	2,250 ppm

3.10 Refueling Water Storage Tank (Specification 3/4.5.4)**3.10.1 Boron concentration limits during modes 1, 2, 3, and 4:**

<u>Parameter</u>	<u>Limit</u>
Refueling Water Storage Tank minimum boron concentration for LCO 3.5.4b	2,475 ppm
Refueling Water Storage Tank maximum boron concentration for LCO 3.5.4b	3,075 ppm