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May 10, 2011

U.S. Nuclear Regulatory Commission
Document Control Desk
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Subject: Duke Energy Carolinas, LLC
Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
Technical Specification Bases Changes

Pursuant to 10CFR 50.4, please find attached changes to the Catawba Nuclear Station Technical Specification Bases.

Any questions regarding this information should be directed to L. J. Rudy, Regulatory Compliance, at (803)701-3084.

I certify that I am a duly authorized officer of Duke Energy Corporation and that the information contained herein accurately represents changes made to the Technical Specification Bases since the previous submittal.

James R. Morris

Attachment

A001
NRR

xc: V. M. McCree, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

J. H. Thompson
NRC Project Manager (CNS)
U.S. Nuclear Regulatory Commission
One White Flint North, Mail Stop 8-G9A
11555 Rockville Pike
Rockville, MD 20852-2738

G. A. Hutto, Senior Resident Inspector
Catawba Nuclear Station

May 10, 2011

Re: Catawba Nuclear Station
Technical Specifications Bases

Please replace the corresponding pages in your copy of the Catawba Technical Specifications Manual as follows:

- **List of Effective Pages** – Remove entire section (30 pages) and replace with new section dated 4/27/11 (27 pages)

These instructions apply to the following Technical Specification Bases sections:

- B 3.3.2, "Engineered Safety Feature Actuation System (ESFAS) Instrumentation"**
- B 3.3.3, "Post Accident Monitoring (PAM) Instrumentation"**
- B 3.5.4, "Refueling Water Storage Tank (RWST)"**
- B 3.6.6, "Containment Spray System"**
- B 3.6.11, "Air Return System (ARS)"**

1. REMOVE the page that states that this Bases section is only applicable to unit(s) that have not implemented the modifications associated with ECCS Water Management.
2. REMOVE the entire Bases section immediately following the above page.
3. REMOVE the page that states that this Bases section is only applicable to unit(s) that have implemented the modifications associated with ECCS Water Management. (The Bases section immediately following this page is to be RETAINED).

If you have any questions concerning the contents of this Technical Specification update, please contact Toni Pasour at (803)701-3566.



Randy Hart
Manager, Regulatory Compliance

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B 3.1.4-3	Revision 0	9/30/98
B 3.1.4-4	Revision 0	9/30/98
B 3.1.4-5	Revision 0	9/30/98
B 3.1.4-6	Revision 0	9/30/98
B 3.1.4-7	Revision 0	9/30/98
B 3.1.4-8	Revision 0	9/30/98
B 3.1.4-9	Revision 0	9/30/98
B 3.1.5-1	Revision 0	9/30/98
B 3.1.5-2	Revision 1	2/18/02
B 3.1.5-3	Revision 0	9/30/98
B 3.1.5-4	Revision 0	9/30/98
B 3.1.6-1	Revision 0	9/30/98
B 3.1.6-2	Revision 0	9/30/98
B 3.1.6-3	Revision 0	9/30/98

B 3.1.6-4	Revision 0	9/30/98
B 3.1.6-5	Revision 0	9/30/98
B 3.1.6-6	Revision 0	9/30/98
B 3.1.7-1	Revision 0	9/30/98
B 3.1.7-2	Revision 2	1/08/04
B 3.1.7-3	Revision 2	1/08/04
B 3.1.7-4	Revision 2	1/08/04
B 3.1.7-5	Revision 2	1/08/04
B 3.1.7-6	Revision 2	1/08/04
B 3.1.8-1	Revision 0	9/30/98
B 3.1.8-2	Revision 0	9/30/98
B 3.1.8-3	Revision 0	9/30/98
B 3.1.8-4	Revision 1	10/06/05
B 3.1.8-5	Revision 0	9/30/98
B 3.1.8-6	Revision 0	9/30/98
B 3.2.1-1	Revision 0	9/30/98
B 3.2.1-2	Revision 1	10/02/00
B 3.2.1-3	Revision 1	10/06/05
B 3.2.1-4	Revision 1	10/06/05
B 3.2.1-5	Revision 1	10/02/00
B 3.2.1-6	Revision 0	9/30/98
B 3.2.1-7	Revision 0	9/30/98
B 3.2.1-8	Revision 0	9/30/98
B 3.2.1-9	Revision 0	9/30/98
B 3.2.1-10	Revision 0	9/30/98
B 3.2.1-11	Revision 3	10/01/02
B 3.2.2-1	Revision 1	3/01/00
B 3.2.2-2	Revision 2	10/02/00
B 3.2.2-3	Revision 1	3/01/00
B 3.2.2-4	Revision 1	3/01/00
B 3.2.2-5	Revision 1	3/01/00
B 3.2.2-6	Revision 1	3/01/00

B 3.2.2-7	Revision 1	3/01/00
B 3.2.2-8	Revision 1	3/01/00
B 3.2.2-9	Revision 2	3/01/00
B 3.2.2-10	Revision 1	3/01/00
B 3.2.3-1	Revision 0	9/30/98
B 3.2.3-2	Revision 0	9/30/98
B 3.2.3-3	Revision 0	9/30/98
B 3.2.3-4	Revision 1	10/01/02
B 3.2.4-1	Revision 1	10/02/00
B 3.2.4-2	Revision 1	2/26/99
B 3.2.4-3	Revision 0	9/30/98
B 3.2.4-4	Revision 0	9/30/98
B 3.2.4-5	Revision 1	2/26/99
B 3.2.4-6	Revision 1	11/5/03
B 3.2.4-7	Revision 1	11/5/03
B 3.3.1-1 thru B.3.3.1-55	Revision 4	8/2/10
B 3.3.2-1 thru B 3.3.2.50	Revision 8	6/28/10
B 3.3.3-1 thru B.3.3.3.16	Revision 3	6/28/10
B 3.3.4-1	Revision 0	9/30/98
B 3.3.4-2	Revision 0	9/30/98
B 3.3.4-3	Revision 1	4/29/04
B 3.3.4-4	Revision 0	9/30/98
B 3.3.4-5	Revision 0	9/30/98
B 3.3.5-1	Revision 0	9/30/98
B 3.3.5-2	Revision 1	8/13/99
B 3.3.5-3	Revision 1	8/13/99
B 3.3.5-4	Revision 1	8/13/99
B 3.3.5-5	Revision 0	9/30/98
B 3.3.5-6	Revision 0	9/30/98
B 3.3.6-1	Revision 2	3/13/08

B 3.3.6-2	Revision 1	3/20/02
B 3.3.6-3	Revision 1	3/20/02
B 3.3.6-4	Revision 2	2/17/09
B 3.3.6-5	Revision 4	2/17/09
B 3.3.9-1	Revision 0	9/30/98
B 3.3.9-2	Revision 1	7/29/03
B 3.3.9-3	Revision 1	7/29/03
B 3.3.9-4	Revision 0	9/30/98
B 3.3.9-5	Revision 1	9/30/98
B 3.4.1-1	Revision 2	12/19/03
B 3.4.1-2	Revision 2	12/19/03
B 3.4.1-3	Revision 2	12/19/03
B 3.4.1-4	Revision 2	12/19/03
B 3.4.1-5	Revision 0	9/30/98
B 3.4.2-1	Revision 0	9/30/98
B 3.4.2-2	Revision 0	9/30/98
B 3.4.2-3	Revision 0	9/30/98
B 3.4.3-1	Revision 1	3/4/04
B 3.4.3-2	Revision 1	3/4/04
B 3.4.3-3	Revision 1	3/4/04
B 3.4.3-4	Revision 1	3/4/04
B 3.4.3-5	Revision 1	3/4/04
B 3.4.3-6	Revision 1	3/4/04
B 3.4.4-1	Revision 0	9/30/98
B 3.4.4-2	Revision 1	1/13/05
B 3.4.4-3	Revision 0	9/30/98
B 3.4.5-1	Revision 0	9/30/98
B 3.4.5-2	Revision 0	9/30/98
B 3.4.5-3	Revision 2	1/13/05
B 3.4.5-4	Revision 1	4/26/00
B 3.4.5-5	Revision 2	7/29/03
B 3.4.5-6	Revision 2	7/29/03

B 3.4.6-1	Revision 0	9/30/98
B 3.4.6-2	Revision 3	1/13/05
B 3.4.6-3	Revision 0	9/30/98
B 3.4.6-4	Revision 1	7/29/03
B 3.4.6-5	Revision 1	7/29/03
B 3.4.7-1	Revision 0	9/30/98
B 3.4.7-2	Revision 1	7/29/03
B 3.4.7-3	Revision 4	1/13/05
B 3.4.7-4	Revision 2	7/29/03
B 3.4.7-5	Revision 2	7/29/03
B 3.4.8-1	Revision 1	7/29/03
B 3.4.8-2	Revision 2	7/29/03
B 3.4.8-3	Revision 2	7/29/03
B 3.4.9-1	Revision 0	9/30/98
B 3.4.9-2	Revision 0	9/30/98
B 3.4.9-3	Revision 0	9/30/98
B 3.4.9-4	Revision 1	4/27/99
B 3.4.10-1	Revision 1	3/4/04
B 3.4.10-2	Revision 0	9/30/98
B 3.4.10-3	Revision 1	3/4/04
B 3.4.10-4	Revision 2	10/30/09
B 3.4.11-1	Revision 0	9/30/98
B 3.4.11-2	Revision 1	11/5/03
B 3.4.11-3	Revision 3	4/29/04
B 3.4.11-4	Revision 1	11/5/03
B 3.4.11-5	Revision 0	9/30/98
B 3.4.11-6	Revision 1	10/30/09
B 3.4.11-7	Revision 1	10/30/09
B 3.4.12-1	Revision 1	3/4/04
B 3.4.12-2	Revision 1	3/4/04
B 3.4.12-3	Revision 1	3/4/04
B 3.4.12-4	Revision 1	3/4/04

B 3.4.12-5	Revision 1	3/4/04
B 3.4.12-6	Revision 1	3/4/04
B 3.4.12-7	Revision 1	3/4/04
B 3.4.12-8	Revision 2	4/29/04
B 3.4.12-9	Revision 2	4/29/04
B 3.4.12-10	Revision 2	4/29/04
B 3.4.12-11	Revision 3	10/30/09
B 3.4.12-12	Revision 1	4/29/04
B 3.4.12-13	Revision 2	10/30/09
B 3.4.13-1	Revision 0	9/30/98
B 3.4.13-2	Revision 2	3/13/08
B 3.4.13-3	Revision 2	8/27/08
B 3.4.13-4	Revision 1	1/13/05
B 3.4.13-5	Revision 3	1/13/05
B 3.4.13-6	Revision 5	8/27/08
B-3.4.13-7	Revision 0	8/27/08
B 3.4.14-1	Revision 0	9/30/98
B 3.4.14-2	Revision 1	2/26/99
B 3.4.14-3	Revision 0	9/30/98
B 3.4.14-4	Revision 1	10/30/09
B 3.4.14-5	Revision 1	10/30/09
B 3.4.14-6	Revision 2	10/30/09
B 3.4.15-1 thru B 3.4.15-10	Revision 5	2/03/11
B 3.4.16-1	Revision 1	3/13/08
B 3.4.16-2	Revision 1	3/13/08
B 3.4.16-3	Revision 2	3/13/08
B 3.4.16-4	Revision 2	3/13/08
B 3.4.16-5	Revision 2	3/13/08
B 3.4.16-6	Revision 1	3/13/08
B 3.4.17-1	Revision 0	9/30/98
B 3.4.17-2	Revision 0	9/30/98

B 3.4.17-3	Revision 1	5/19/00
B 3.4.18-1	Revision 0	1/13/05
B 3.4.18-2	Revision 0	1/13/05
B 3.4.18-3	Revision 1	3/18/08
B 3.4.18-4	Revision 0	1/13/05
B 3.4.18-5	Revision 0	1/13/05
B 3.4.18-6	Revision 0	1/13/05
B 3.4.18-7	Revision 0	1/13/05
B 3.4.18-8	Revision 1	3/18/08
B3.5.1-1	Revision 0	9/30/98
B 3.5.1-2	Revision 0	9/30/98
B 3.5.1-3	Revision 2	10/06/05
B 3.5.1-4	Revision 3	10/06/05
B 3.5.1-5	Revision 3	10/06/05
B 3.5.1-6	Revision 2	10/06/05
B 3.5.1-7	Revision 2	10/06/05
B 3.5.1-8	Revision 2	10/06/05
B 3.5.2-1	Revision 0	9/30/98
B 3.5.2-2	Revision 0	9/30/98
B 3.5.2-3	Revision 1	10/02/00
B 3.5.2-4	Revision 0	9/30/98
B 3.5.2-5	Revision 0	9/30/98
B 3.5.2-6	Revision 0	9/30/98
B 3.5.2-7	Revision 0	9/30/98
B 3.5.2-8	Revision 2	10/30/09
B 3.5.2-9	Revision 2	11/08/07
B 3.5.2-10	Revision 1	11/08/07
B 3.5.3-1	Revision 0	9/30/98
B 3.5.3-2	Revision 1	4/29/04
B 3.5.3-3	Revision 1	4/29/04
B 3.5.4-1 thru B.3.5.4-6	Revision 3	6/28/10

B 3.5.5-1	Revision 0	9/30/98
B 3.5.5-2	Revision 0	9/30/98
B 3.5.5-3	Revision 0	9/30/98
B 3.5.5-4	Revision 0	9/30/98
B 3.6.1-1	Revision 1	7/31/01
B 3.6.1-2	Revision 1	7/31/01
B 3.6.1-3	Revision 1	7/31/01
B 3.6.1-4	Revision 1	7/31/01
B 3.6.1-5	Revision 1	7/31/01
B 3.6.2-1	Revision 0	9/30/98
B 3.6.2-2	Revision 1	7/31/01
B 3.6.2-3	Revision 1	7/31/01
B 3.6.2-4	Revision 1	7/31/01
B 3.6.2-5	Revision 1	7/31/01
B 3.6.2-6	Revision 1	7/31/01
B 3.6.2-7	Revision 1	7/31/01
B 3.6.2-8	Revision 1	7/31/01
B 3.6.3-1	Revision 1	3/20/02
B 3.6.3-2	Revision 1	3/20/02
B 3.6.3-3	Revision 1	3/20/02
B 3.6.3-4	Revision 1	3/20/02
B 3.6.3-5	Revision 0	9/30/98
B 3.6.3-6	Revision 0	9/30/98
B 3.6.3-7	Revision 0	9/30/98
B 3.6.3-8	Revision 0	9/30/98
B 3.6.3-9	Revision 0	9/30/98
B 3.6.3-10	Revision 0	9/30/98
B 3.6.3-11	Revision 0	9/30/98
B 3.6.3-12	Revision 0	9/30/98
B 3.6.3-13	Revision 3	12/05/05
B 3.6.3-14	Revision 1	7/31/01
B 3.6.4-1	Revision 0	9/30/98

B 3.6.4-2	Revision 1	2/26/01
B 3.6.4-3	Revision 0	9/30/98
B 3.6.4-4	Revision 0	9/30/98
B 3.6.5-1	Revision 0	9/30/98
B 3.6.5-2	Revision 1	4/26/00
B 3.6.5-3	Revision 1	4/26/00
B 3.6.5-4	Revision 0	9/30/98
B 3.6.6-1 thru B 3.6.6-7	Revision 5	8/24/10
B 3.6.8-1	Revision 1	4/26/00
B 3.6.8-2	Revision 0	9/30/98
B 3.6.8-3	Revision 2	3/01/05
B 3.6.8-4	Revision 2	4/29/04
B 3.6.8-5	Revision 1	8/27/08
B 3.6.9-1	Revision 2	10/30/09
B 3.6.9-2	Revision 3	10/30/09
B 3.6.9-3	Revision 2	10/30/09
B 3.6.9-4	Revision 2	10/30/09
B 3.6.9-5	Revision 5	10/30/09
B 3.6.10-1	Revision 1	9/30/05
B 3.6.10-2	Revision 1	9/30/05
B 3.6.10-3	Revision 1	9/30/05
B 3.6.10-4	Revision 1	9/30/05
B 3.6.10-5	Revision 1	9/30/05
B 3.6.10-6	Revision 1	9/30/05
B 3.6.11-1 thru B 3.6.11-6	Revision 4	6/28/10
B 3.6.12-1	Revision 3	5/10/05
B 3.6.12-2	Revision 2	5/10/05
B 3.6.12-3	Revision 3	5/10/05
B 3.6.12-4	Revision 3	5/10/05
B 3.6.12-5	Revision 2	5/10/05

B 3.6.12-6	Revision 4	5/10/05
B 3.6.12-7	Revision 3	5/10/05
B 3.6.12-8	Revision 2	5/10/05
B 3.6.12-9	Revision 3	5/10/05
B 3.6.12-10	Revision 2	5/10/05
B 3.6.12-11	Revision 1	5/10/05
B 3.6.13-1 thru B 3.6.13-9	Revision 3	6/28/10
B 3.6.14-1	Revision 0	9/30/98
B 3.6.14-2	Revision 0	9/30/98
B 3.6.14-3	Revision 0	9/30/98
B 3.6.14-4	Revision 0	9/30/98
B 3.6.14-5	Revision 0	9/30/98
B 3.6.14-6	Revision 0	9/30/98
B 3.6.15-1	Revision 0	9/30/98
B 3.6.15-2	Revision 0	9/30/98
B 3.6.15-3	Revision 0	9/30/98
B 3.6.15-4	Revision 0	9/30/98
B 3.6.16-1	Revision 1	4/09/99
B 3.6.16-2	Revision 2	9/30/05
B 3.6.16-3	Revision 2	9/30/05
B 3.6.16-4	Revision 0	9/30/05
B 3.6.17-1	Revision 1	3/13/08

B 3.6.17-2	Revision 0	9/30/98
B 3.6.17-3	Revision 0	9/30/98
B 3.6.17-4	Revision 0	9/30/98
B 3.6.17-5	Revision 1	3/13/08
B 3.7.1-1	Revision 0	9/30/98
B 3.7.1-2	Revision 0	9/30/98
B 3.7.1-3	Revision 0	9/30/98
B 3.7.1-4	Revision 1	10/30/09
B 3.7.1-5	Revision 1	10/30/09
B 3.7.2-1	Revision 0	9/30/98
B 3.7.2-2	Revision 0	9/30/98
B 3.7.2-3	Revision 2	6/23/10
B 3.7.2-4	Revision 1	9/08/08
B 3.7.2-5	Revision 3	10/30/09
B 3.7.3-1	Revision 0	9/30/98
B 3.7.3-2	Revision 0	9/30/98
B 3.7.3-3	Revision 0	9/30/98
B 3.7.3-4	Revision 0	9/30/98
B 3.7.3-5	Revision 1	9/08/08
B 3.7.3-6	Revision 2	10/30/09
B 3.7.4-1	Revision 0	9/30/98
B 3.7.4-2	Revision 0	9/30/98
B 3.7.4-3	Revision 1	4/29/04
B 3.7.4-4	Revision 0	9/30/98
B 3.7.5-1	Revision 0	9/30/98
B 3.7.5-2	Revision 0	9/30/98
B 3.7.5-3	Revision 0	9/30/98
B 3.7.5-4	Revision 2	4/29/04
B 3.7.5-5	Revision 1	4/29/04
B 3.7.5-6	Revision 1	4/29/04
B 3.7.5-7	Revision 2	10/30/09
B 3.7.5-8	Revision 2	10/30/09

B 3.7.5-9	Revision 2	10/30/09
B 3.7.6-1	Revision 2	5/10/05
B 3.7.6-2	Revision 1	5/10/05
B 3.7.6-3	Revision 2	3/19/08
B 3.7.7-1	Revision 1	5/10/05
B 3.7.7-2	Revision 0	9/30/98
B 3.7.7-3	Revision 0	9/30/98
B 3.7.7-4	Revision 0	9/30/98
B 3.7.7-5	Revision 0	9/30/98
B 3.7.8-1	Revision 1	7/30/08
B 3.7.8-2	Revision 1	7/30/08
B 3.7.8-3	Revision 2	7/30/08
B 3.7.8-4	Revision 2	7/30/08
B 3.7.8-5	Revision 2	7/30/08
B 3.7.8-6	Revision 0	7/30/08
B 3.7.8-7	Revision 0	7/30/08
B 3.7.9-1	Revision 2	9/25/06
B 3.7.9-2	Revision 2	9/25/06
B 3.7.9-3	Revision 1	9/25/06
B 3.7.9-4	Revision 1	9/25/06
B 3.7.10-1 thru B 3.7.10-9	Revision 4	8/9/10
B 3.7.11-1	Revision 0	9/30/98
B 3.7.11-2	Revision 1	4/23/02
B 3.7.11-3	Revision 1	4/23/02
B 3.7.11-4	Revision 1	4/23/02
B 3.7.12-1	Revision 3	9/30/05
B 3.7.12-2	Revision 2	9/30/05
B 3.7.12-3	Revision 2	9/30/05
B 3.7.12-4	Revision 2	9/30/05
B 3.7.12-5	Revision 2	9/30/05
B 3.7.12-6	Revision 1	9/30/05

B 3.7.12-7	Revision 0	9/30/05
B 3.7.13-1	Revision 3	9/30/05
B 3.7.13-2	Revision 3	9/30/05
B 3.7.13-3	Revision 2	9/30/05
B 3.7.13-4	Revision 2	9/30/05
B 3.7.13-5	Revision 2	9/30/05
B 3.7.14-1	Revision 1	3/13/08
B 3.7.14-2	Revision 0	9/30/98
B 3.7.14-3	Revision 1	3/13/08
B 3.7.15-1	Revision 1	9/27/06
B 3.7.15-2	Revision 1	9/27/06
B 3.7.15-3	Revision 1	9/27/06
B 3.7.15-4	Revision 0	9/27/06
B 3.7.16-1	Revision 2	9/27/06
B 3.7.16-2	Revision 2	9/27/06
B 3.7.16-3	Revision 2	9/27/06
B 3.7.16-4	Revision 0	9/27/06
B 3.7.17-1	Revision 1	3/13/08
B 3.7.17-2	Revision 1	3/13/08
B 3.7.17-3	Revision 1	3/13/08
B 3.8.1-1 thru B.3.8.1-29	Revision 3	2/03/11
B 3.8.2-1	Revision 0	9/30/98
B 3.8.2-2	Revision 0	9/30/98
B 3.8.2-3	Revision 0	9/30/98
B 3.8.2-4	Revision 1	5/10/05
B 3.8.2-5	Revision 2	5/10/05
B 3.8.2-6	Revision 1	5/10/05
B 3.8.3-1	Revision 1	1/15/99
B 3.8.3-2	Revision 0	9/30/98
B 3.8.3-3	Revision 1	1/15/99
B 3.8.3-4	Revision 0	9/30/98

B 3.8.3-5	Revision 1	1/15/99
B 3.8.3-6	Revision 2	3/11/09
B 3.8.3-7	Revision 1	7/10/03
B 3.8.3-8	Revision 3	3/11/09
B 3.8.4-1 thru B3.8.4.10	Revision 9	12/20/10
B 3.8.5-1	Revision 0	9/30/98
B 3.8.5-2	Revision 2	7/29/03
B 3.8.5-3	Revision 1	7/29/03
B 3.8.6-1	Revision 3	10/30/09
B 3.8.6-2	Revision 2	10/30/09
B 3.8.6-3	Revision 3	10/30/09
B 3.8.6-4	Revision 3	10/30/09
B 3.8.6-5	Revision 2	10/30/09
B 3.8.6-6	Revision 2	10/30/09
B 3.8.6-7	Revision 2	10/30/09
B 3.8.7-1	Revision 0	9/30/98
B 3.8.7-2	Revision 1	3/15/04
B 3.8.7-3	Revision 2	3/15/04
B 3.8.7-4	Revision 0	3/15/04
B 3.8.8-1	Revision 0	9/30/98
B 3.8.8-2	Revision 2	10/10/06
B 3.8.8-3	Revision 2	7/29/03
B 3.8.8-4	Revision 0	7/29/03
B 3.8.9-1	Revision 0	9/30/98
B 3.8.9-2	Revision 0	9/30/98
B 3.8.9-3	Revision 0	9/30/98
B 3.8.9-4	Revision 0	9/30/98
B 3.8.9-5	Revision 0	9/30/98
B 3.8.9-6	Revision 0	9/30/98
B 3.8.9-7	Revision 0	9/30/98
B 3.8.9-8	Revision 0	9/30/98

B 3.8.9-9	Revision 1	2/26/99
B 3.8.9-10	Revision 1	2/26/99
B 3.8.10-1	Revision 0	9/30/98
B 3.8.10-2	Revision 0	9/30/98
B 3.8.10-3	Revision 2	7/29/03
B 3.8.10-4	Revision 1	7/29/03
B 3.9.1-1	Revision 1	9/1/05
B 3.9.1-2	Revision 2	9/1/05
B 3.9.1-3	Revision 2	8/27/08
B 3.9.1-4	Revision 0	9/1/05
B 3.9.2-1 thru B 3.9.2.4	Revision 3	8/2/10
B 3.9.3-1	Revision 3	3/13/08
B 3.9.3-2	Revision 2	3/13/08
B 3.9.3-3	Revision 3	3/13/08
B 3.9.3-4	Revision 3	3/13/08
B 3.9.3-5	Revision 3	3/13/08
B 3.9.4-1	Revision 0	9/30/98
B 3.9.4-2	Revision 3	11/24/04
B 3.9.4-3	Revision 2	11/24/04
B 3.9.4-4	Revision 2	11/24/04
B 3.9.5-1	Revision 0	9/30/98
B 3.9.5-2	Revision 2	7/29/03
B 3.9.5-3	Revision 1	7/29/03
B 3.9.5-4	Revision 1	7/29/03
B 3.9.6-1	Revision 1	3/13/08
B 3.9.6-2	Revision 0	9/30/98
B 3.9.6-3	Revision 1	3/13/08
B 3.9.7-1	Revision 0	6/21/04
B 3.9.7-2	Revision 0	6/21/04
B 3.9.7-3	Revision 0	6/21/04