

**TECHNICAL SPECIFICATIONS BASES**  
**LIST OF EFFECTIVE PAGES**

LEP-1	Rev. 32	B 3.1.1-6	Rev. 27	B 3.1.8-3	Rev. 2
LEP-2	Rev. 32	B 3.1.1-7	Rev. 27	B 3.1.8-4	Rev. 2
LEP-3	Rev. 32	B 3.1.2-1	Rev. 2	B 3.1.8-5	Rev. 2
LEP-4	Rev. 32	B 3.1.2-2	Rev. 2	B 3.2.1-1	Rev. 2
LEP-5	Rev. 32	B 3.1.2-3	Rev. 2	B 3.2.1-2	Rev. 14
LOR-1	Rev. 32	B 3.1.2-4	Rev. 2	B 3.2.1-3	Rev. 14
i	Rev. 2	B 3.1.2-5	Rev. 2	B 3.2.1-4	Rev. 14
ii	Rev. 28	B 3.1.2-6	Rev. 3	B 3.2.1-5	Rev. 14
iii	Rev. 28	B 3.1.3-1	Rev. 29	B 3.2.1-6	Rev. 14
iv	Rev. 23	B 3.1.3-2	Rev. 29	B 3.2.1-7	Rev. 14
B 2.1.1-1	Rev. 2	B 3.1.3-3	Rev. 29	B 3.2.2-1	Rev. 2
B 2.1.1-2	Rev. 2	B 3.1.3-4	Rev. 29	B 3.2.2-2	Rev. 8
B 2.1.1-3	Rev. 2	B 3.1.3-5	Rev. 29	B 3.2.2-3	Rev. 14
B 2.1.1-4	Rev. 2	B 3.1.4-1	Rev. 2	B 3.2.2-4	Rev. 12
B 2.1.2-1	Rev. 2	B 3.1.4-2	Rev. 2	B 3.2.2-5	Rev. 12
B 2.1.2-2	Rev. 2	B 3.1.4-3	Rev. 2	B 3.2.2-6	Rev. 12
B 2.1.2-3	Rev. 2	B 3.1.4-4	Rev. 2	B 3.2.3-1	Rev. 2
B 2.1.2-4	Rev. 2	B 3.1.4-5	Rev. 2	B 3.2.3-2	Rev. 8
B 3.0-1	Rev. 2	B 3.1.4-6	Rev. 2	B 3.2.3-3	Rev. 14
B 3.0-2	Rev. 2	B 3.1.4-7	Rev. 2	B 3.2.3-4	Rev. 12
B 3.0-3	Rev. 2	B 3.1.4-8	Rev. 2	B 3.2.3-5	Rev. 12
B 3.0-4	Rev. 2	B 3.1.4-9	Rev. 2	B 3.2.4-1	Rev. 2
B 3.0-5	Rev. 26	B 3.1.4-10	Rev. 2	B 3.2.4-2	Rev. 8
B 3.0-6	Rev. 26	B 3.1.5-1	Rev. 2	B 3.2.4-3	Rev. 14
B 3.0-7	Rev. 26	B 3.1.5-2	Rev. 2	B 3.2.4-4	Rev. 8
B 3.0-8	Rev. 26	B 3.1.5-3	Rev. 2	B 3.2.4-5	Rev. 8
B 3.0-9	Rev. 26	B 3.1.5-4	Rev. 24	B 3.2.5-1	Rev. 2
B 3.0-10	Rev. 26	B 3.1.5-5	Rev. 2	B 3.2.5-2	Rev. 11
B 3.0-11	Rev. 26	B 3.1.6-1	Rev. 2	B 3.2.5-3	Rev. 14
B 3.0-12	Rev. 26	B 3.1.6-2	Rev. 2	B 3.2.5-4	Rev. 11
B 3.0-13	Rev. 26	B 3.1.6-3	Rev. 2	B 3.2.5-5	Rev. 11
B 3.0-14	Rev. 32	B 3.1.6-4	Rev. 2	B 3.2.5-6	Rev. 11
B 3.0-15	Rev. 32	B 3.1.6-5	Rev. 2	B 3.3.1-1	Rev. 2
B 3.0-16	Rev. 32	B 3.1.6-6	Rev. 30	B 3.3.1-2	Rev. 2
B 3.0-17	Rev. 32	B 3.1.6-7	Rev. 30	B 3.3.1-3	Rev. 2
B 3.0-18	Rev. 32	B 3.1.6-8	Rev. 30	B 3.3.1-4	Rev. 2
B 3.0-19	Rev. 32	B 3.1.7-1	Rev. 2	B 3.3.1-5	Rev. 2
B 3.0-20	Rev. 32	B 3.1.7-2	Rev. 2	B 3.3.1-6	Rev. 12
B 3.1.1-1	Rev. 2	B 3.1.7-3	Rev. 5	B 3.3.1-7	Rev. 12
B 3.1.1-2	Rev. 2	B 3.1.7-4	Rev. 2	B 3.3.1-8	Rev. 12
B 3.1.1-3	Rev. 2	B 3.1.7-5	Rev. 11	B 3.3.1-9	Rev. 12
B 3.1.1-4	Rev. 2	B 3.1.8-1	Rev. 2	B 3.3.1-10	Rev. 12
B 3.1.1-5	Rev. 27	B 3.1.8-2	Rev. 2	B 3.3.1-11	Rev. 31

**TECHNICAL SPECIFICATIONS BASES**  
**LIST OF EFFECTIVE PAGES**

B 3.3.1-12	Rev. 31	B 3.3.3-10	Rev. 2	B 3.3.6-3	Rev. 2
B 3.3.1-13	Rev. 31	B 3.3.3-11	Rev. 25	B 3.3.6-4	Rev. 13
B 3.3.1-14	Rev. 31	B 3.3.3-12	Rev. 25	B 3.3.6-5	Rev. 2
B 3.3.1-15	Rev. 31	B 3.3.3-13	Rev. 25	B 3.3.6-6	Rev. 26
B 3.3.1-16	Rev. 31	B 3.3.4-1	Rev. 2	B 3.3.6-7	Rev. 26
B 3.3.1-17	Rev. 31	B 3.3.4-2	Rev. 2	B 3.3.6-8	Rev. 26
B 3.3.1-18	Rev. 31	B 3.3.4-3	Rev. 2	B 3.3.7-1	Rev. 19
B 3.3.1-19	Rev. 31	B 3.3.4-4	Rev. 2	B 3.3.7-2	Rev. 19
B 3.3.1-20	Rev. 31	B 3.3.4-5	Rev. 2	B 3.3.7-3	Rev. 29
B 3.3.1-21	Rev. 31	B 3.3.4-6	Rev. 2	B 3.3.7-4	Rev. 29
B 3.3.1-22	Rev. 31	B 3.3.4-7	Rev. 2	B 3.3.7-5	Rev. 19
B 3.3.1-23	Rev. 31	B 3.3.4-8	Rev. 2	B 3.3.7-6	Rev. 19
B 3.3.1-24	Rev. 31	B 3.3.4-9	Rev. 2	B 3.3.7-7	Rev. 19
B 3.3.1-25	Rev. 31	B 3.3.4-10	Rev. 2	B 3.3.8-1	Rev. 8
B 3.3.1-26	Rev. 31	B 3.3.4-11	Rev. 2	B 3.3.8-2	Rev. 2
B 3.3.1-27	Rev. 31	B 3.3.4-12	Rev. 2	B 3.3.8-3	Rev. 2
B 3.3.1-28	Rev. 31	B 3.3.4-13	Rev. 2	B 3.3.8-4	Rev. 2
B 3.3.1-29	Rev. 31	B 3.3.4-14	Rev. 2	B 3.3.9-1	Rev. 2
B 3.3.1-30	Rev. 31	B 3.3.4-15	Rev. 2	B 3.3.9-2	Rev. 2
B 3.3.1-31	Rev. 31	B 3.3.4-16	Rev. 2	B 3.3.9-3	Rev. 2
B 3.3.1-32	Rev. 31	B 3.3.4-17	Rev. 26	B 3.3.9-4	Rev. 2
B 3.3.1-33	Rev. 31	B 3.3.4-18	Rev. 26	B 3.3.9-5	Rev. 26
B 3.3.1-34	Rev. 31	B 3.3.4-19	Rev. 26	B 3.3.9-6	Rev. 26
B 3.3.1-35	Rev. 2	B 3.3.4-20	Rev. 26	B 3.3.9-7	Rev. 26
B 3.3.2-1	Rev. 2	B 3.3.4-21	Rev. 26	B 3.3.9-8	Rev. 26
B 3.3.2-2	Rev. 2	B 3.3.4-22	Rev. 26	B 3.3.10-1	Rev. 2
B 3.3.2-3	Rev. 31	B 3.3.4-23	Rev. 26	B 3.3.10-2	Rev. 2
B 3.3.2-4	Rev. 31	B 3.3.5-1	Rev. 2	B 3.3.10-3	Rev. 14
B 3.3.2-5	Rev. 31	B 3.3.5-2	Rev. 2	B 3.3.10-4	Rev. 19
B 3.3.2-6	Rev. 31	B 3.3.5-3	Rev. 2	B 3.3.10-5	Rev. 19
B 3.3.2-7	Rev. 31	B 3.3.5-4	Rev. 2	B 3.3.10-6	Rev. 19
B 3.3.2-8	Rev. 31	B 3.3.5-5	Rev. 2	B 3.3.10-7	Rev. 19
B 3.3.2-9	Rev. 31	B 3.3.5-6	Rev. 2	B 3.3.10-8	Rev. 19
B 3.3.2-10	Rev. 31	B 3.3.5-7	Rev. 2	B 3.3.10-9	Rev. 19
B 3.3.3-1	Rev. 2	B 3.3.5-8	Rev. 2	B 3.3.10-10	Rev. 32
B 3.3.3-2	Rev. 2	B 3.3.5-9	Rev. 2	B 3.3.10-11	Rev. 32
B 3.3.3-3	Rev. 2	B 3.3.5-10	Rev. 2	B 3.3.10-12	Rev. 32
B 3.3.3-4	Rev. 2	B 3.3.5-11	Rev. 2	B 3.3.10-13	Rev. 32
B 3.3.3-5	Rev. 2	B 3.3.5-12	Rev. 2	B 3.3.10-14	Rev. 32
B 3.3.3-6	Rev. 2	B 3.3.5-13	Rev. 2	B 3.3.10-15	Rev. 32
B 3.3.3-7	Rev. 2	B 3.3.5-14	Rev. 2	B 3.3.10-16	Rev. 32
B 3.3.3-8	Rev. 2	B 3.3.6-1	Rev. 2	B 3.3.11-1	Rev. 2
B 3.3.3-9	Rev. 2	B 3.3.6-2	Rev. 2	B 3.3.11-2	Rev. 2

**TECHNICAL SPECIFICATIONS BASES**  
**LIST OF EFFECTIVE PAGES**

B 3.3.11-3	Rev. 26	B 3.4.8-3	Rev. 19	B 3.4.15-3	Rev. 26
B 3.3.11-4	Rev. 26	B 3.4.9-1	Rev. 2	B 3.4.15-4	Rev. 26
B 3.3.11-5	Rev. 26	B 3.4.9-2	Rev. 2	B 3.4.15-5	Rev. 2
B 3.3.12-1	Rev. 2	B 3.4.9-3	Rev. 2	B 3.4.16-1	Rev. 2
B 3.3.12-2	Rev. 19	B 3.4.9-4	Rev. 2	B 3.4.16-2	Rev. 2
B 3.3.12-3	Rev. 2	B 3.4.9-5	Rev. 2	B 3.4.16-3	Rev. 2
B 3.3.12-4	Rev. 2	B 3.4.10-1	Rev. 2	B 3.4.17-1	Rev. 27
B 3.4.1-1	Rev. 15	B 3.4.10-2	Rev. 2	B 3.4.17-2	Rev. 2
B 3.4.1-2	Rev. 15	B 3.4.10-3	Rev. 2	B 3.4.17-3	Rev. 2
B 3.4.1-3	Rev. 15	B 3.4.10-4	Rev. 2	B 3.4.18-1	Rev. 28
B 3.4.1-4	Rev. 15	B 3.4.11-1	Rev. 12	B 3.4.18-2	Rev. 28
B 3.4.1-5	Rev. 15	B 3.4.11-2	Rev. 12	B 3.4.18-3	Rev. 28
B 3.4.2-1	Rev. 2	B 3.4.11-3	Rev. 26	B 3.4.18-4	Rev. 28
B 3.4.2-2	Rev. 2	B 3.4.11-4	Rev. 26	B 3.4.18-5	Rev. 28
B 3.4.3-1	Rev. 2	B 3.4.11-5	Rev. 26	B 3.4.18-6	Rev. 28
B 3.4.3-2	Rev. 2	B 3.4.11-6	Rev. 26	B 3.4.18-7	Rev. 28
B 3.4.3-3	Rev. 2	B 3.4.11-7	Rev. 26	B 3.4.18-8	Rev. 28
B 3.4.3-4	Rev. 2	B 3.4.12-1	Rev. 2	B 3.5.1-1	Rev. 2
B 3.4.3-5	Rev. 2	B 3.4.12-2	Rev. 2	B 3.5.1-2	Rev. 2
B 3.4.3-6	Rev. 2	B 3.4.12-3	Rev. 23	B 3.5.1-3	Rev. 2
B 3.4.3-7	Rev. 2	B 3.4.12-4	Rev. 23	B 3.5.1-4	Rev. 2
B 3.4.3-8	Rev. 2	B 3.4.12-5	Rev. 23	B 3.5.1-5	Rev. 2
B 3.4.4-1	Rev. 2	B 3.4.12-6	Rev. 23	B 3.5.1-6	Rev. 2
B 3.4.4-2	Rev. 28	B 3.4.12-7	Rev. 2	B 3.5.1-7	Rev. 2
B 3.4.4-3	Rev. 13	B 3.4.12-8	Rev. 26	B 3.5.1-8	Rev. 14
B 3.4.5-1	Rev. 2	B 3.4.12-9	Rev. 2	B 3.5.1-9	Rev. 14
B 3.4.5-2	Rev. 19	B 3.4.12-10	Rev. 2	B 3.5.2-1	Rev. 15
B 3.4.5-3	Rev. 28	B 3.4.12-11	Rev. 2	B 3.5.2-2	Rev. 15
B 3.4.5-4	Rev. 28	B 3.4.12-12	Rev. 2	B 3.5.2-3	Rev. 15
B 3.4.5-5	Rev. 19	B 3.4.12-13	Rev. 2	B 3.5.2-4	Rev. 15
B 3.4.6-1	Rev. 19	B 3.4.13-1	Rev. 2	B 3.5.2-5	Rev. 15
B 3.4.6-2	Rev. 19	B 3.4.13-2	Rev. 28	B 3.5.2-6	Rev. 15
B 3.4.6-3	Rev. 28	B 3.4.13-3	Rev. 28	B 3.5.2-7	Rev. 15
B 3.4.6-4	Rev. 19	B 3.4.13-4	Rev. 28	B 3.5.2-8	Rev. 15
B 3.4.6-5	Rev. 19	B 3.4.13-5	Rev. 28	B 3.5.2-9	Rev. 30
B 3.4.7-1	Rev. 2	B 3.4.13-6	Rev. 28	B 3.5.2-10	Rev. 30
B 3.4.7-2	Rev. 19	B 3.4.14-1	Rev. 2	B 3.5.3-1	Rev. 2
B 3.4.7-3	Rev. 19	B 3.4.14-2	Rev. 2	B 3.5.3-2	Rev. 2
B 3.4.7-4	Rev. 28	B 3.4.14-3	Rev. 26	B 3.5.3-3	Rev. 26
B 3.4.7-5	Rev. 28	B 3.4.14-4	Rev. 26	B 3.5.4-1	Rev. 2
B 3.4.7-6	Rev. 28	B 3.4.14-5	Rev. 26	B 3.5.4-2	Rev. 14
B 3.4.8-1	Rev. 2	B 3.4.15-1	Rev. 2	B 3.5.4-3	Rev. 2
B 3.4.8-2	Rev. 19	B 3.4.15-2	Rev. 2	B 3.5.4-4	Rev. 2

**TECHNICAL SPECIFICATIONS BASES**  
**LIST OF EFFECTIVE PAGES**

B 3.5.4-5	Rev. 2	B 3.6.6-7	Rev. 2	B 3.7.7-1	Rev. 5
B 3.5.4-6	Rev. 2	B 3.6.6-8	Rev. 2	B 3.7.7-2	Rev. 12
B 3.5.5-1	Rev. 2	B 3.6.6-9	Rev. 18	B 3.7.7-3	Rev. 2
B 3.5.5-2	Rev. 2	B 3.6.6-10	Rev. 18	B 3.7.7-4	Rev. 12
B 3.5.5-3	Rev. 2	B 3.6.7	Deleted	B 3.7.8-1	Rev. 8
B 3.5.5-4	Rev. 23	B 3.6.8-1	Rev. 2	B 3.7.8-2	Rev. 31
B 3.5.5-5	Rev. 23	B 3.6.8-2	Rev. 2	B 3.7.8-3	Rev. 11
B 3.6.1-1	Rev. 2	B 3.6.8-3	Rev. 2	B 3.7.8-4	Rev. 31
B 3.6.1-2	Rev. 2	B 3.6.8-4	Rev. 2	B 3.7.8-5	Rev. 31
B 3.6.1-3	Rev. 2	B 3.7.1-1	Rev. 2	B 3.7.8-6	Rev. 31
B 3.6.1-4	Rev. 12	B 3.7.1-2	Rev. 23	B 3.7.8-7	Rev. 11
B 3.6.1-5	Rev. 24	B 3.7.1-3	Rev. 23	B 3.7.9-1	Rev. 2
B 3.6.2-1	Rev. 2	B 3.7.1-4	Rev. 13	B 3.7.9-2	Rev. 31
B 3.6.2-2	Rev. 2	B 3.7.1-5	Rev. 13	B 3.7.9-3	Rev. 31
B 3.6.2-3	Rev. 2	B 3.7.2-1	Rev. 14	B 3.7.10-1	Rev. 9
B 3.6.2-4	Rev. 2	B 3.7.2-2	Rev. 14	B 3.7.10-2	Rev. 2
B 3.6.2-5	Rev. 2	B 3.7.2-3	Rev. 14	B 3.7.10-3	Rev. 2
B 3.6.2-6	Rev. 2	B 3.7.2-4	Rev. 14	B 3.7.11-1	Rev. 15
B 3.6.2-7	Rev. 2	B 3.7.2-5	Rev. 14	B 3.7.11-2	Rev. 15
B 3.6.2-8	Rev. 2	B 3.7.3-1	Rev. 2	B 3.7.11-3	Rev. 15
B 3.6.3-1	Rev. 2	B 3.7.3-2	Rev. 2	B 3.7.11-4	Rev. 15
B 3.6.3-2	Rev. 32	B 3.7.3-3	Rev. 12	B 3.7.12-1	Rev. 2
B 3.6.3-3	Rev. 2	B 3.7.3-4	Rev. 26	B 3.7.12-2	Rev. 2
B 3.6.3-4	Rev. 2	B 3.7.3-5	Rev. 26	B 3.7.12-3	Rev. 2
B 3.6.3-5	Rev. 2	B 3.7.3-6	Rev. 26	B 3.7.12-4	Rev. 2
B 3.6.3-6	Rev. 2	B 3.7.3-7	Rev. 26	B 3.7.13-1	Rev. 8
B 3.6.3-7	Rev. 32	B 3.7.3-8	Rev. 26	B 3.7.13-2	Rev. 8
B 3.6.3-8	Rev. 32	B 3.7.3-9	Rev. 26	B 3.7.13-3	Rev. 8
B 3.6.3-9	Rev. 32	B 3.7.3-10	Rev. 26	B 3.7.14-1	Rev. 2
B 3.6.3-10	Rev. 32	B 3.7.4-1	Rev. 2	B 3.7.14-2	Rev. 2
B 3.6.3-11	Rev. 32	B 3.7.4-2	Rev. 8	B 3.7.14-3	Rev. 2
B 3.6.4-1	Rev. 2	B 3.7.4-3	Rev. 2	B 3.7.15-1	Rev. 2
B 3.6.4-2	Rev. 2	B 3.7.4-4	Rev. 2	B 3.7.15-2	Rev. 13
B 3.6.4-3	Rev. 2	B 3.7.5-1	Rev. 24	B 3.7.15-3	Rev. 14
B 3.6.5-1	Rev. 2	B 3.7.5-2	Rev. 24	B 3.7.15-4	Rev. 2
B 3.6.5-2	Rev. 2	B 3.7.5-3	Rev. 24	B 3.7.16-1	Rev. 23
B 3.6.5-3	Rev. 3	B 3.7.5-4	Rev. 2	B 3.7.16-2	Rev. 23
B 3.6.6-1	Rev. 2	B 3.7.5-5	Rev. 2	B 3.7.17-1	Rev. 23
B 3.6.6-2	Rev. 2	B 3.7.6-1	Rev. 5	B 3.7.17-2	Rev. 23
B 3.6.6-3	Rev. 15	B 3.7.6-2	Rev. 2	B 3.8.1-1	Rev. 5
B 3.6.6-4	Rev. 15	B 3.7.6-3	Rev. 5	B 3.8.1-2	Rev. 12
B 3.6.6-5	Rev. 2	B 3.7.6-4	Rev. 5	B 3.8.1-3	Rev. 2
B 3.6.6-6	Rev. 2	B 3.7.6-5	Rev. 5	B 3.8.1-4	Rev. 10

**TECHNICAL SPECIFICATIONS BASES**  
**LIST OF EFFECTIVE PAGES**

B 3.8.1-5	Rev. 26	B 3.8.3-8	Rev. 3	B 3.8.10-4	Rev. 19
B 3.8.1-6	Rev. 26	B 3.8.3-9	Rev. 2	B 3.8.10-5	Rev. 19
B 3.8.1-7	Rev. 26	B 3.8.4-1	Rev. 2	B 3.8.10-6	Rev. 19
B 3.8.1-8	Rev. 26	B 3.8.4-2	Rev. 2	B 3.9.1-1	Rev. 11
B 3.8.1-9	Rev. 26	B 3.8.4-3	Rev. 2	B 3.9.1-2	Rev. 13
B 3.8.1-10	Rev. 26	B 3.8.4-4	Rev. 2	B 3.9.1-3	Rev. 29
B 3.8.1-11	Rev. 26	B 3.8.4-5	Rev. 2	B 3.9.1-4	Rev. 10
B 3.8.1-12	Rev. 26	B 3.8.4-6	Rev. 2	B 3.9.2-1	Rev. 32
B 3.8.1-13	Rev. 26	B 3.8.4-7	Rev. 2	B 3.9.2-2	Rev. 29
B 3.8.1-14	Rev. 26	B 3.8.4-8	Rev. 2	B 3.9.2-3	Rev. 19
B 3.8.1-15	Rev. 26	B 3.8.4-9	Rev. 2	B 3.9.3-1	Rev. 29
B 3.8.1-16	Rev. 26	B 3.8.5-1	Rev. 2	B 3.9.3-2	Rev. 29
B 3.8.1-17	Rev. 26	B 3.8.5-2	Rev. 29	B 3.9.3-3	Rev. 29
B 3.8.1-18	Rev. 26	B 3.8.5-3	Rev. 29	B 3.9.3-4	Rev. 29
B 3.8.1-19	Rev. 26	B 3.8.5-4	Rev. 2	B 3.9.3-5	Rev. 29
B 3.8.1-20	Rev. 26	B 3.8.6-1	Rev. 2	B 3.9.3-6	Rev. 29
B 3.8.1-21	Rev. 26	B 3.8.6-2	Rev. 2	B 3.9.3-7	Rev. 29
B 3.8.1-22	Rev. 26	B 3.8.6-3	Rev. 2	B 3.9.4-1	Rev. 2
B 3.8.1-23	Rev. 26	B 3.8.6-4	Rev. 2	B 3.9.4-2	Rev. 19
B 3.8.1-24	Rev. 26	B 3.8.6-5	Rev. 2	B 3.9.4-3	Rev. 29
B 3.8.1-25	Rev. 26	B 3.8.6-6	Rev. 2	B 3.9.4-4	Rev. 22
B 3.8.1-26	Rev. 26	B 3.8.6-7	Rev. 2	B 3.9.4-5	Rev. 30
B 3.8.1-27	Rev. 26	B 3.8.7-1	Rev. 2	B 3.9.5-1	Rev. 2
B 3.8.1-28	Rev. 26	B 3.8.7-2	Rev. 2	B 3.9.5-2	Rev. 14
B 3.8.1-29	Rev. 26	B 3.8.7-3	Rev. 2	B 3.9.5-3	Rev. 19
B 3.8.1-30	Rev. 26	B 3.8.7-4	Rev. 2	B 3.9.5-4	Rev. 30
B 3.8.1-31	Rev. 26	B 3.8.8-1	Rev. 2	B 3.9.5-5	Rev. 22
B 3.8.1-32	Rev. 26	B 3.8.8-2	Rev. 29	B 3.9.5-6	Rev. 22
B 3.8.1-33	Rev. 26	B 3.8.8-3	Rev. 29	B 3.9.6-1	Rev. 29
B 3.8.2-1	Rev. 2	B 3.8.8-4	Rev. 19	B 3.9.6-2	Rev. 29
B 3.8.2-2	Rev. 2	B 3.8.9-1	Rev. 5	B 3.9.6-3	Rev. 29
B 3.8.2-3	Rev. 10	B 3.8.9-2	Rev. 2		
B 3.8.2-4	Rev. 5	B 3.8.9-3	Rev. 2		
B 3.8.2-5	Rev. 29	B 3.8.9-4	Rev. 2		
B 3.8.2-6	Rev. 19	B 3.8.9-5	Rev. 2		
B 3.8.2-7	Rev. 19	B 3.8.9-6	Rev. 2		
B 3.8.3-1	Rev. 2	B 3.8.9-7	Rev. 2		
B 3.8.3-2	Rev. 2	B 3.8.9-8	Rev. 2		
B 3.8.3-3	Rev. 2	B 3.8.9-9	Rev. 2		
B 3.8.3-4	Rev. 2	B 3.8.9-10	Rev. 2		
B 3.8.3-5	Rev. 2	B 3.8.10-1	Rev. 5		
B 3.8.3-6	Rev. 2	B 3.8.10-2	Rev. 5		
B 3.8.3-7	Rev. 2	B 3.8.10-3	Rev. 29		

## TECHNICAL SPECIFICATION BASES

### LIST OF REVISIONS AND ISSUE DATES

<u>Rev.</u>	<u>Date Issued</u>	<u>Date to NRC</u>
0		May 4, 1998
1	August 28, 1998	October 30, 1998
2	August 28, 1998	October 30, 1998
3	October 28, 1998	October 30, 1998
4	March 16, 1999	October 18, 1999
5	October 18, 1999	October 18, 1999
6	April 14, 2000	October 24, 2000
7	May 18, 2000	October 24, 2000
8	June 29, 2000	October 24, 2000
9	October 24, 2000	October 24, 2000
10	February 1, 2001	November 13, 2001
11	March 22, 2001	November 13, 2001
12	November 13, 2001	November 13, 2001
13	September 5, 2002	December 19, 2002
14	May 14, 2003	October 21, 2003
15	January 9, 2004	November 3, 2004
16	March 31, 2004	November 3, 2004
17	April 16, 2004	November 3, 2004
18	May 5, 2004	November 3, 2004
19	June 4, 2004	November 3, 2004
20	July 1, 2004	November 3, 2004
21	August 11, 2004	November 3, 2004
22	October 13, 2004	November 3, 2004
23	February 25, 2005	September 8, 2005
24	August 4, 2005	September 8, 2005
25	November 3, 2005	September 27, 2006
26	January 30, 2006	September 27, 2006
27	February 16, 2006	September 27, 2006
28	April 3, 2006	September 27, 2006
29	November 20, 2006	
30	March 30, 2007	
31	June 27, 2007	
32	September 5, 2007	

TABLE OF CONTENTS

---

B 2.0	SAFETY LIMITS (SLs).....	B 2.1.1-1
B 2.1.1	Reactor Core SLs.....	B 2.1.1-1
B 2.1.2	Reactor Coolant System (RCS) Pressure SL.....	B 2.1.2-1
B 3.0	LIMITING CONDITION FOR OPERATION (LCO) APPLICABILITY.....	B 3.0-1
B 3.0	SURVEILLANCE REQUIREMENT (SR) APPLICABILITY.....	B 3.0-13
B 3.1	REACTIVITY CONTROL SYSTEMS.....	B 3.1.1-1
B 3.1.1	SHUTDOWN MARGIN (SDM) .....	B 3.1.1-1
B 3.1.2	Reactivity Balance.....	B 3.1.2-1
B 3.1.3	Moderator Temperature Coefficient (MTC).....	B 3.1.3-1
B 3.1.4	Control Element Assembly (CEA) Alignment.....	B 3.1.4-1
B 3.1.5	Shutdown Control Element Assembly (CEA) Insertion Limits .....	B 3.1.5-1
B 3.1.6	Regulating Control Element Assembly (CEA) Insertion Limits .....	B 3.1.6-1
B 3.1.7	Special Test Exception (STE)–SHUTDOWN MARGIN (SDM) .....	B 3.1.7-1
B 3.1.8	Special Test Exception (STE)–MODES 1 and 2 .....	B 3.1.8-1
B 3.2	POWER DISTRIBUTION LIMITS.....	B 3.2.1-1
B 3.2.1	Linear Heat Rate (LHR).....	B 3.2.1-1
B 3.2.2	Total Planar Radial Peaking Factor ( $F_{xy}^T$ ).....	B 3.2.2-1
B 3.2.3	Total Integrated Radial Peaking Factor ( $F_r^T$ ) .....	B 3.2.3-1
B 3.2.4	AZIMUTHAL POWER TILT ( $T_q$ ) .....	B 3.2.4-1
B 3.2.5	AXIAL SHAPE INDEX (ASI) .....	B 3.2.5-1
B 3.3	INSTRUMENTATION.....	B 3.3.1-1
B 3.3.1	Reactor Protective System (RPS) Instrumentation– Operating .....	B 3.3.1-1
B 3.3.2	Reactor Protective System (RPS) Instrumentation– Shutdown .....	B 3.3.2-1
B 3.3.3	Reactor Protective System (RPS) Logic and Trip Initiation .....	B 3.3.3-1
B 3.3.4	Engineered Safety Features Actuation System (ESFAS) Instrumentation .....	B 3.3.4-1
B 3.3.5	Engineered Safety Features Actuation System (ESFAS) Logic and Manual Actuation .....	B 3.3.5-1
B 3.3.6	Diesel Generator (DG)–Loss of Voltage Start (LOVS) .....	B 3.3.6-1
B 3.3.7	Containment Radiation Signal (CRS).....	B 3.3.7-1

TABLE OF CONTENTS

---

B 3.3.8	Control Room Recirculation Signal (CRRS).....	B 3.3.8-1
B 3.3.9	Chemical and Volume Control System (CVCS) Isolation Signal .....	B 3.3.9-1
B 3.3.10	Post-Accident Monitoring (PAM) Instrumentation...	B 3.3.10-1
B 3.3.11	Remote Shutdown Instrumentation.....	B 3.3.11-1
B 3.3.12	Wide Range Logarithmic Neutron Flux Monitor Channels .....	B 3.3.12-1
B 3.4	REACTOR COOLANT SYSTEM (RCS).....	B 3.4.1-1
B 3.4.1	RCS Pressure, Temperature, and Flow Departure from Nucleate Boiling (DNB) Limits .....	B 3.4.1-1
B 3.4.2	RCS Minimum Temperature for Criticality.....	B 3.4.2-1
B 3.4.3	RCS Pressure and Temperature (P/T) Limits.....	B 3.4.3-1
B 3.4.4	RCS Loops – MODES 1 and 2 .....	B 3.4.4-1
B 3.4.5	RCS Loops – MODE 3 .....	B 3.4.5-1
B 3.4.6	RCS Loops – MODE 4 .....	B 3.4.6-1
B 3.4.7	RCS Loops – MODE 5, Loops Filled .....	B 3.4.7-1
B 3.4.8	RCS Loops – MODE 5, Loops Not Filled .....	B 3.4.8-1
B 3.4.9	Pressurizer.....	B 3.4.9-1
B 3.4.10	Pressurizer Safety Valves.....	B 3.4.10-1
B 3.4.11	Pressurizer Power-Operated Relief Valves (PORVs) .	B 3.4.11-1
B 3.4.12	Low Temperature Overpressure Protection (LTOP) System .....	B 3.4.12-1
B 3.4.13	RCS Operational LEAKAGE.....	B 3.4.13-1
B 3.4.14	RCS Leakage Detection Instrumentation.....	B 3.4.14-1
B 3.4.15	RCS Specific Activity.....	B 3.4.15-1
B 3.4.16	Special Test Exception (STE) RCS Loops - MODE 2..	B 3.4.16-1
B 3.4.17	Special Test Exception (STE) RCS Loops - MODES 4 and 5 .....	B 3.4.17-1
B 3.4.18	Steam Generator (SG) Tube Integrity.....	B 3.4.18-1
B 3.5	EMERGENCY CORE COOLING SYSTEMS (ECCS).....	B 3.5.1-1
B 3.5.1	Safety Injection Tanks (SITs).....	B 3.5.1-1
B 3.5.2	ECCS – Operating .....	B 3.5.2-1
B 3.5.3	ECCS – Shutdown .....	B 3.5.3-1
B 3.5.4	Refueling Water Tank (RWT) .....	B 3.5.4-1
B 3.5.5	Trisodium Phosphate (TSP).....	B 3.5.5-1
B 3.6	CONTAINMENT SYSTEMS.....	B 3.6.1-1
B 3.6.1	Containment .....	B 3.6.1-1
B 3.6.2	Containment Air Locks.....	B 3.6.2-1
B 3.6.3	Containment Isolation Valves.....	B 3.6.3-1



TABLE OF CONTENTS

---

B 3.6.4	Containment Pressure .....	B 3.6.4-1
B 3.6.5	Containment Air Temperature .....	B 3.6.5-1
B 3.6.6	Containment Spray and Cooling Systems .....	B 3.6.6-1
B 3.6.7	Deleted	
B 3.6.8	Iodine Removal System (IRS) .....	B 3.6.8-1
B 3.7	PLANT SYSTEMS .....	B 3.7.1-1
B 3.7.1	Main Steam Safety Valves (MSSVs) .....	B 3.7.1-1
B 3.7.2	Main Steam Isolation Valves (MSIVs) .....	B 3.7.2-1
B 3.7.3	Auxiliary Feedwater (AFW) System .....	B 3.7.3-1
B 3.7.4	Condensate Storage Tank (CST) .....	B 3.7.4-1
B 3.7.5	Component Cooling (CC) System .....	B 3.7.5-1
B 3.7.6	Service Water (SRW) System .....	B 3.7.6-1
B 3.7.7	Saltwater (SW) System .....	B 3.7.7-1
B 3.7.8	Control Room Emergency Ventilation System (CREVS) .....	B 3.7.8-1
B 3.7.9	Control Room Emergency Temperature System (CRETS) .....	B 3.7.9-1
B 3.7.10	Emergency Core Cooling System (ECCS) Pump Room Exhaust Filtration System (PREFS) .....	B 3.7.10-1
B 3.7.11	Spent Fuel Pool Exhaust Ventilation System (SFPEVS) .....	B 3.7.11-1
B 3.7.12	Penetration Room Exhaust Ventilation System (PREVS) .....	B 3.7.12-1
B 3.7.13	Spent Fuel Pool (SFP) Water Level .....	B 3.7.13-1
B 3.7.14	Secondary Specific Activity .....	B 3.7.14-1
B 3.7.15	Main Feedwater Isolation Valves (MFIVs) .....	B 3.7.15-1
B 3.7.16	Spent Fuel Pool (SFP) Boron Concentration .....	B 3.7.16-1
B 3.7.17	Spent Fuel Pool (SFP) Storage .....	B 3.7.17-1
B 3.8	ELECTRICAL POWER SYSTEMS .....	B 3.8.1-1
B 3.8.1	AC Sources—Operating .....	B 3.8.1-1
B 3.8.2	AC Sources—Shutdown .....	B 3.8.2-1
B 3.8.3	Diesel Fuel Oil .....	B 3.8.3-1
B 3.8.4	DC Sources—Operating .....	B 3.8.4-1
B 3.8.5	DC Sources—Shutdown .....	B 3.8.5-1
B 3.8.6	Battery Cell Parameters .....	B 3.8.6-1
B 3.8.7	Inverters—Operating .....	B 3.8.7-1
B 3.8.8	Inverters—Shutdown .....	B 3.8.8-1
B 3.8.9	Distribution Systems—Operating .....	B 3.8.9-1
B 3.8.10	Distribution Systems—Shutdown .....	B 3.8.10-1

TABLE OF CONTENTS

---

B 3.9	REFUELING OPERATIONS.....	B 3.9.1-1
B 3.9.1	Boron Concentration.....	B 3.9.1-1
B 3.9.2	Nuclear Instrumentation.....	B 3.9.2-1
B 3.9.3	Containment Penetrations.....	B 3.9.3-1
B 3.9.4	Shutdown Cooling (SDC) and Coolant Circulation– High Water Level .....	B 3.9.4-1
B 3.9.5	Shutdown Cooling (SDC) and Coolant Circulation– Low Water Level .....	B 3.9.5-1
B 3.9.6	Refueling Pool Water Level .....	B 3.9.6-1