Item	Location	Description of Change
1.	Entire Chapter	Global chapter editorial changes to correct misspelling and grammar, spell out or integrate acronyms where appropriate.
2.	F1.1-3a	Corrected °F to T in legend for outlet flow from Cleanup Demineralizer System.
3.	S1.2.2.15.1, 7 th paragraph	Added "in the drywell or wetwell" in response to RAI 6.2-202.
4.	F1.2-10	Revised to specifically identify the Finished Ground Level Grade Elevation of 4500.
5.	F1.2-11	Revised to specifically identify the Finished Ground Level Grade Elevation of 4500.
6.	F1.2-19	Revised to specifically identify the Finished Ground Level Grade Elevation of 4500.
7.	F1.2-20	Revised to specifically identify the Finished Ground Level Grade Elevation of 4500.
8.	F1.2-25	Revised to specifically identify the Finished Ground Level Grade Elevation of 4500.
9.	F1.2-33	Revised to specifically identify the Finished Ground Level Grade Elevation of 4500.
10.	T1.3-1, Thermal and Hydraulic	Corrected core average exit quality for ESBWR from 17 to 25 % steam for consistency with Chapter 6 and 15 analyses.
11.	S1.4	General section revision to significantly expand discussion in response to NRC comments.
12.	S1.5.4, Reference 1.5-15	Changed the revision status and issue date to Revision 2, September 2009 for consistency with the latest revision that was submitted in MFN 09-595.
13.	S1.5.4, Reference 1.5-16	Changed the revision status and issue date to Revision 1, September 2009 for consistency with the latest revision that was submitted in MFN 09-589.

Item	Location	Description of Change
14.	T1.6-1, GEFR-00879	Added new listing as follows, which is referenced in Section 5.4: "GE Nuclear Energy, "Simplified Boiling Water Reactor (SBWR) Program – Depressurization Valve Development Test Program Final Report," GEFR-00879, October 1990."
15.	T1.6-1, NEDO-24210	Replaced the line item for this LTR with "(Deleted)" for consistency with it being deleted from Appendix 3D in response to RAI 3.9-255 S02 Revision 1.
16.	T1.6-1, NEDC-31336P-A / NEDO-31336-A	Replaced the line item for this LTR with "(Deleted)" for consistency with it being deleted from Section 7.1 in response to RAI 7.1-141 Revision 1.
17.	T1.6-1, NEDC-32851P	Replaced the line item for this LTR with "(Deleted)" for consistency with it being deleted from Chapter 16 B2.1.1 in response to RAI 16.2-191.
18.	T1.6-1, NEDC-32874P	Replaced the line item for this LTR with "(Deleted)" for consistency with the deletion of Reference 4.4-1 in Section 4.4. A markup showing the deletion of this item from Section 4.4 was submitted in MFN 10-035.
19.	T1.6-1, NEDC-32983P-A / NEDO-32983-A	Changed the revision status and issue date to Revision 2, January 2006 for consistency with the latest revision that was submitted in MFN 06-041.
20.	T1.6-1, NEDE-33083P / NEDO-33083 Supplement 2	Changed the revision status and issue date to Revision 2, September 2009 for consistency with the latest revision that was submitted in MFN 09-595.
21.	T1.6-1, NEDE-33083P / NEDO-33083 Supplement 3	Changed the revision status and issue date to Revision 1, September 2009 for consistency with the latest revision that was submitted in MFN 09-589.

Item	Location	Description of Change
22.	T1.6-1, NEDE-33217P / NEDO-33217	Added "7B" to the sections that reference this item for consistency with the response to RAI 7.1-142. Also, changed the revision status and issue date to Revision 6, February 2010 for consistency with the latest revision that was submitted in MFN 10-029. A markup of the change to this reference was submitted in MFN 10-068.
23.	T1.6-1, NEDO-33219	Changed the revision status and issue date to Revision 4, February 2010 for consistency with the latest revision that was submitted in MFN 10-026. A markup of the change to this reference was submitted in MFN 10-068.
24.	T1.6-1, NEDE-33220P / NEDO-33220	Changed the revision status and issue date to Revision 4, February 2010 for consistency with the latest revision that was submitted in MFN 10-030. A markup of the change to this reference was submitted in MFN 10-068.
25.	T1.6-1, NEDE-33221P / NEDO-33221	Changed the revision status and issue date to Revision 4, February 2010 for consistency with the latest revision that was submitted in MFN 10-031. A markup of the change to this reference was submitted in MFN 10-068.
26.	T1.6-1, NEDE-33226P / NEDO-33226	Changed the revision status and issue date to Revision 5, February 2010 for consistency with the latest revision that was submitted in MFN 10-043. A markup of the change to this reference was submitted in MFN 10-064.
27.	T1.6-1, NEDE-33245P / NEDO-33245	Changed the revision status and issue date to Revision 5, February 2010 for consistency with the latest revision that was submitted in MFN 10-043. A markup of the change to this reference was submitted in MFN 10-064.

Item	Location	Description of Change
28.	T1.6-1, NEDO-33262	Changed the revision status and issue date to Revision 3, January 2010 for consistency with the latest revision that was submitted in MFN 10-024. A markup of the change to this reference was submitted in MFN 10-068.
29.	T1.6-1, NEDO-33266	Changed the revision status and issue date to Revision 3, January 2010 for consistency with the latest revision that was submitted in MFN 10-023. A markup of the change to this reference was submitted in MFN 10-068.
30.	T1.6-1, NEDO-33267	Changed the revision status and issue date to Revision 4, January 2010 for consistency with the latest revision that was submitted in MFN 10-022. A markup of the change to this reference was submitted in MFN 10-068.
31.	T1.6-1, NEDE-33268P / NEDO-33268	Changed the revision status and issue date to Revision 5, February 2010 for consistency with the latest revision that was submitted in MFN 10-032. A markup of the change to this reference was submitted in MFN 10-068.
32.	T1.6-1, NEDO-33274	Corrected revision number of NEDO-33274 in the response to RAI 14.3-457. Subsequently, the revision status and issue date were changed to Revision 5, February 2010 for consistency with the latest revision that was submitted in MFN 10-028. A markup of the change to this reference was submitted in MFN 10-068.
33.	T1.6-1, NEDO-33275	Changed the revision status and issue date to Revision 4, January 2010 for consistency with the latest revision that was submitted in MFN 10-021. A markup of the change to this reference was submitted in MFN 10-068.

Item	Location	Description of Change
34.	T1.6-1, NEDE-33276P / NEDO-33276	Changed the revision status and issue date to Revision 4, February 2010 for consistency with the latest revision that was submitted in MFN 10-033. A markup of the change to this reference was submitted in MFN 10-068.
35.	T1.6-1, NEDO-33277	Changed the revision status and issue date to Revision 4, January 2010 for consistency with the latest revision that was submitted in MFN 10-020. A markup of the change to this reference was submitted in MFN 10-068.
36.	T1.6-1, NEDO-33278	Changed the revision status and issue date to Revision 4, January 2010 for consistency with the latest revision that was submitted in MFN 10-019. A markup of the change to this reference was submitted in MFN 10-068.
37.	T1.6-1, NEDE-33304P / NEDO-33304	Deleted "ABWR/" from report title. Changed "Revision 1, November 2008" to "Revision 3, February 2010" per response to RAI 7.1-141 Rev 1.
38.	T1.6-1, NEDO-33373	Deleted reference to proprietary version NEDE-33373P. Changed the revision status and issue date for non-proprietary version to Revision 4, March 2010 for consistency with the latest revision that was submitted in MFN 10-092.
39.	T1.6-1, NEDC-33374P / NEDO-33374	Changed the revision status and issue date for proprietary version to Revision 3, December 2009 for consistency with the latest revision that was submitted in MFN 09-764. Designated reference as a Tier 2* report in response to RAI 14.3-457.
40.	T1.6-1, NEDE-33391	Changed the revision status and issue date to Revision 3, March 2010 for consistency with the latest revision that was submitted in MFN 10-100.

Item	Location	Description of Change
41.	T1.6-1, NEDC-33408P / NEDO-33408 Supplement 1	Changed the revision status and issue date to Revision 1, August 2009 for consistency with the latest revision that was submitted in MFN 09-579.
42.	T1.6-1, NEDE-33440P / NEDO-33440	Added "3.6" to the sections that reference this item and changed the revision status and issue date to Revision 2, March 2010 for consistency with the latest revision that was submitted in MFN 10-093.
43.	T1.6-1, NEDE-33516P / NEDO-33516	Marked document as Tier 2* in response to RAI 8.3-68 and changed the revision status and issue date to Revision 2, December 2009 for consistency with the latest revision submitted in MFN-09-785.
44.	T1.6-1, NEDE-33536P / NEDO-33536	Added new Tier 2* listing as follows in response to RAIs 9.4-55 and 9.4-58, which is referenced in Appendix 3H: "[GE-Hitachi Nuclear Energy, "Control Building and Reactor Building Environmental Temperature Analysis for ESBWR," NEDE-33536P, Class III (Proprietary), Revision 0, December 2009, NEDO-33536, Class I (Non-proprietary), Revision 0, December 2009.]*"
45.	T1.6-1, NEDE-33572P / NEDO-33572	Added new listing as follows in response to RAI 6.2-202, which is referenced in Sections 3.8, 3G.1, 5.4 and 6.2: "GE Hitachi Nuclear Energy, "ESBWR PCCS Condenser Structural Evaluation," NEDE-33572P, Class II (Proprietary), Revision 0, March 2010; NEDO-33572, Revision 0, Class I (Non-proprietary), March 2010."
46.	S1.8.2.8	Added new section on interface with the Independent Spent Fuel Storage Installation. Change is related to the response to RAI 10.2-18 S02 and is for consistency with Subsections 3.5.1.1.1.2, 10.1 and 10.2.4.

Item	Location	Description of Change
47.	S1.9.2	Added new second paragraph as follows: "In order to simplify the licensing process for future COL applicants, the ESBWR incorporates ASME Code Case N-782 (Reference 1.9-3) by reference. This Code Case endorses the use of the Edition and Addenda of ASME Boiler and Pressure Vessel Code Section III, Division 1, that was applied during Design Certification as an alternative to the requirements of Code paragraphs NCA-1140(a)(2)(a) and NCA-1140(a)(2)(b). Reference 1.9-4 provides additional justification for application of this Code Case to the ESBWR." This change was submitted in MFN 10-081.
48.	S1.9.5	Added new References 1.9-3 and 1.9-4 as follows: 1.9-3 American Society of Mechanical Engineers, "Use of Code Editions, Addenda and Cases – Section III, Division 1," Case N-782, Approved January 30, 2009. 1.9-4 Letter, Richard E. Kingston (GEH) to USNRC, "Request for Addition of ASME Boiler and Pressure Vessel Code Case N-782 to ESBWR DCD," MFN 10-081, March 12, 2010. This change was submitted in MFN 10-081.
49.	T1.9-8, GDCs 2, 4, 50	Added "8.3.1, 8.3.2" to SRP Section column per response to RAI 8.2-17.
50.	T1.9-8, GDCs 5, 18	Added "8.2, 8.3.1, 8.3.2" to SRP Section column per response to RAI 8.2-17.
51.	T1.9-8, GDC 17, (first entry)	RAI 8.2-17 revision per NRC call. Deleted 8.3.1 from SRP Section.
52.	T1.9-8, GDC 17, (new entry)	RAI 8.2-17 revision per NRC call. New row for GDC 17 SRP Section 8.3.1, new Summary Difference of Description and Subsection Where Discussed with new subsections listed.

Item	Location	Description of Change
53.	T1.9-8, GDCs 33, 34, 35, 38, 41 and 44	New listing. SRP Section "8.2, 8.3.2", Specific SRP Acceptance Criteria "GDCs 33, 34, 35, 38, 41 and 44", Summary Description of Difference "None. Met by providing a design that complies with GDC 17." Changes per response to RAI 8.2-17.
54.	T1.9-8, GDCs 33, 34, 35, 38, 41 and 44 (new entry)	RAI 8.2-17 revision per NRC call. New row for GDCs 33, 34, 35, 38, 41 and 44 SRP Section 8.3.1, new Summary Difference of Description and Subsection Where Discussed with new subsections listed.
55.	T1.9-8, RG 1.6, RG 1.128, RG 1.129	Added "8.3.2" to SRP Section column per response to RAI 8.2-17.
56.	T1.9-8, RG 1.9, RG 1.160	Added "8.3.1" to SRP Section column per response to RAI 8.2-17.
57.	T1.9-8, RG 1.32, RG 1.155	Added "8.2, 8.3.1, 8.3.2" to SRP Section column per response to RAI 8.2-17.
58.	T1.9-8, RG 1.47, RG 1.53, RG 1.63, RG 1.75, RG 1.81, RG 1.106, RG 1.118, RG 1.153	Added "8.3.1, 8.3.2" to SRP Section column per response to RAI 8.2-17.
59.	T1.9-8, 10 CFR 50.63	New listing. SRP Section "8.1, 8.2, 8.3.1, 8.3.2", Specific SRP Acceptance Criteria "10 CFR 50.63", Summary Description of Difference "None". Changes per response to RAI 8.2-17.
60.	T1.9-8, BTP ICSB 4, ICSB 8, ICSB 18, PSB 2	Added "8.3.1" to SRP Section column per response to RAI 8.2-17.
61.	T1.9-8, BTP ICSB 11, PSB 1	Added "8.2" to SRP Section column per response to RAI 8.2-17.
62.	T1.9-8, BTP ICSB 21	Added "8.3.1, 8.3.2" to SRP Section column per response to RAI 8.2-17.
63.	T1.9-8, NUREG/CR-0660	Added "8.3.1" to SRP Section column per response to RAI 8.2-17.

Item	Location	Description of Change
64.	T1.9-8, NUREG-0718, Rev 1	Added "8.3.1, 8.3.2" to SRP Section column per response to RAI 8.2-17.
65.	T1.9-8, NUREG-0737, TMI Item II.E.3.1	Added "8.3.1" to SRP Section column per response to RAI 8.2-17.
66.	T1.9-8, NUREG-0737, TMI Item II.G.1	Added "8.3.1" to SRP Section column per response to RAI 8.2-17.
67.	T1.9-10, SRP 10.2	Added new line item for SRP Paragraph III.2.c, Description "ESBWR uses an alternate overspeed detection and trip system and does not incorporate a mechanical over speed trip device." as discussed in Subsection 10.2.2.4. Change per response to RAI 10.2-18 S03.
68.	T1.9-10, BTP ASB 3-1 listings in SRP 10.2, 10.3, 10.4.4 and 10.4.6	Corrected Summary Description of Difference to read: "ESBWR applies BTP SPLB 3-1, which has replaced BTP ASB 3-1." Added "Table 1.9-20" to Subsection Where Discussed column.
69.	T1.9-10, BTP MEB 3-1 listings in SRP 10.2 and 10.4.4	Corrected Summary Description of Difference to read: "ESBWR applies BTP 3-4, which has replaced BTP MEB 3-1." Added "Table 1.9-20" to Subsection Where Discussed column.
70.	T1.9-10, RG 1.29 listings in SRP 10.3 and 10.4.7	Corrected Summary Description of Difference to read: "Applies except for Main Steam Piping from seismic interface restraint to turbine stop valves as identified in Table 3.2-1 and Figure 3.2-1." Added "Tables 1.9-21a, 1.9-21b, 3.2-1 and 17.0-1, Figure 3.2-1" to Subsection Where Discussed column.
71.	T1.9-10, SRP 10.3, BTP RSB 3-1	Corrected Summary Description of Difference to read: "ESBWR applies Appendix A of SRP 3.2.2, which has replaced BTP RSB 3-1." Added "Table 1.9-20" to Subsection Where Discussed column.
72.	T1.9-10, SRP 10.3, BTP RSB 3-2	Corrected Summary Description of Difference to read: "ESBWR applies Appendix B of SRP 3.2.2, which has replaced BTP RSB 3-2." Added "Table 1.9-20" to Subsection Where Discussed column.

Item	Location	Description of Change
73.	T1.9-10, SRP 10.3.6, RG 1.85	Corrected Summary Description of Difference to read: "ESBWR applies RG 1.84, which has replaced RG 1.85." Added "Table 1.9-21" to Subsection Where Discussed column.
74.	T1.9-10, SRP 10.3.6, RG 1.37	Corrected Summary Description of Difference to read: "Applies except for NRC accepted alternate positions as documented in Table 2-1 of Reference 1.9-2." Added "Tables 1.9-21b and 17.0-1." to Subsection Where Discussed column.
75.	T1.9-10, SRP 10.3.6, ANSI N45.2.1-1973	Corrected Summary Description of Difference to read: "See above SRP 10.3.6 listing for RG 1.37."
76.	T1.9-10, RG 1.33 listings in SRP 10.4.2 and 10.4.3	Corrected Summary Description of Difference to read: "Not applicable to GEH QA Program." Added "Tables 1.9-21b and 17.0-1." to Subsection Where Discussed column.
77.	T1.9-10, RG 1.123 listings in SRP 10.4.2 and 10.4.3	Corrected Summary Description of Difference to read: "ESBWR applies RG 1.28, which has replaced RG 1.123." Added "Tables 1.9-21, 1.9-21b and 17.0-1." to Subsection Where Discussed column.
78.	T1.9-20, SRP 3.8.2	Corrected Comment from "only to Drywell Head" to "to steel components of the containment vessel" for consistency with DCD Subsection 3.8.2.1.
79.	T1.9-20, SRP 6.4 and its Appendix A	Corrected Issued Date to 03/2007 for consistency with DCD Section 6.4.
80.	T1.9-20, SRP 6.5.2	Corrected listing to show ESBWR Applicable as "Partial". Added "Used as guidance for elemental iodine coefficient in Subsection 15.4.4.5.2.1." to Comments column.
81.	T1.9-20, SRP 8.3.1 Appendix	Clarified Comment as follows to match current regulatory requirements: "Superseded by BTP PSB-2 (later renamed ICSB 2), which has been deleted. Applicable guidance now in RG 1.9."

Item	Location	Description of Change
82.	T1.9-20, SRP Appendix 8-A, BTP ICSB 2 (PSB)	Clarified Comment as follows to match current regulatory requirements: "Deleted. Applicable guidance now in RG 1.9."
83.	T1.9-20, Appendix 8-A, BTP ICSB 18	Corrected ESBWR Applicable to "No" for consistency with DCD Subsection 8.1.5.2.4 and Table 8.1-1.
84.	T1.9-20, Appendix 8-A, BTP PSB 2	Corrected ESBWR Applicable to "No" for consistency with DCD Subsection 8.1.5.2.4 and Table 8.1-1.
85.	T1.9-21, RG 1.78	Corrected ESBWR Applicability to "—" and added "COL" in Comments column for consistency with DCD Subsection 6.4.5 and COL item 6.4-2-A.
86.	T1.9-21, RG 1.84	Added new comment as follows: "Code Case N-782 is also applied as noted in Subsection 1.9.2 and Table 5.2-1." This change was submitted in MFN 10-081.
87.	T1.9-21, RG 1.100	Added new line item as follows per response to RAI 3.11-41: RG No. "1.100", RG Title "Seismic Qualification of Electrical and Active Mechanical Equipment and Functional Qualification of Active Mechanical Equipment for Nuclear Power Plants", Appl. Rev. "3", Issued Date "09/2009", ESBWR Applicable "Yes", Comments "Rev 3 applies only for its endorsement of ASME QME-1-2007 otherwise Rev 2 applies."
88.	T1.9-21, RG 1.148	Added "Subsumed by RG 1.100, Revision 3" to Comments column per response to RAI 3.11-41
89.	T1.9-21, RG 1.165	Changed ESBWR Applicability from "Yes" to "—" and added "COL" in Comments column per response to RAI 3.11-41.

Item	Location	Description of Change
90.	T1.9-22, ACI	Added new table entry for ACI 515.1R-79, Year "1979", Title "A Guide to the Use of Waterproofing, Dampproofing, Protective, and Decorative Barrier Systems for Concrete (Revised 1985)" per response to RAI 3.8-96 S05.
91.	T1.9-22, ANSI	Corrected table to include new listing for ANSI N271, which is referenced in Subsection 6.2.4.2.5.
92.	T1.9-22, ANS 6.4	Corrected Year to "2006" for consistency with DCD Subsection 12.3.2.2.2.
93.	T1.9-22, ASME BPVC Sec II	Corrected table to include a new listing for use of 2004 edition of Section II in conjunction with calculations that use the 2004 edition of Section III. Change is for consistency with DCD Table 3.8-9.
94.	T1.9-22, ASME BPVC Sec III, 2001 including Addenda through 2003	Added part NCA under Division 1, which was inadvertently deleted when a separate listing was created for the 2004 edition in an earlier DCD revision. Part NCA is required in both locations as noted in DCD Table 3.2-3.
95.	T1.9-22, ASTM A571	Corrected Year to "1984 (R 1997)" for consistency with Table 11.2-1 and RG 1.143.
96.	T1.9-22, ASTM B359	Corrected Year to "1998" for consistency with Table 11.2-1 and RG 1.143.
97.	T1.9-22, ASTM E185	Corrected Year to "1982" for consistency with Subsection 5.3.1.5 and 10 CFR 50, Appendix H.
98.	T1.9-22, EPRI NP-5080	Corrected table to include new listing for EPRI NP-5080 for consistency with Reference 5.2-8.
99.	T1.9-22, EPRI TR-102323	Changed Year from 2004 to 1994 and changed "on Power Plants, Rev 3" to "in Power Plants, Rev 0 (as approved by NRC Safety Evaluation Report dated April 16, 1996)" in response to RAI 3.11-39.
100.	T1.9-22, IEEE 344	Deleted ", but it is not endorsed by NRC." per response to RAI 3.11-41.

Item	Location	Description of Change
101.	T1.9-22, IEEE 450	Updated applicable year from 1975 to 2002 and revised title to match the title of the 2002 version for consistency with Chapter 8 changes submitted in MFN 10-057.
102.	T1.9-22, IEEE 484	Updated applicable year from 1975 to 2002 and revised title to match the title of the 2002 version for consistency with Chapter 8 changes submitted in MFN 10-057.
103.	T1.9-22, NEI	Corrected table to include new listing for NEI 94-01 for consistency with Subsection 6.2.6.3.
104.	T1.9-22, Others, NIOSH 86-113	Deleted in response to RAI 6.4-24 S01.
105.	T1.9-22, Note	Revised the Tier 2* note at the end of Table 1.9-22 to correct spelling of NCR to NRC. This change was submitted with the response to RAI 3.8-129.
106.	T1.9-23, NUREG-0700	Added reference to Section 6.4 per response to RAI 6.4-24 S01.
107.	T1.10-1, Item 8.3.4-2-A	Added new COL Item 8.3.4-2-A per the response to RAI 8.3-67 Revision 2.
108.	T1.10-1, Item 10.2-1-A	Added references to Sections 10.2.2.4 and 10.2.2.7 for consistency with Chapter 10.
109.	T1.10-1, Item 11.4-3-A	Added reference to Section 13.4 for consistency with Chapter 11.
110.	T1.10-1, Item 11.5-3-A	Added reference to Section 13.4 for consistency with Chapter 11.
111.	T1.10-1, Item 13.6-20-A	Added new COL item 13.6-20-A per the response to RAI 14.3-440 Supplement 1.
112.	T1.11-1, Item B-63	Deleted "Rev 2" due to it being inconsistent with revision of SRP 3.9.6 currently referenced in Table 1.9-20.

Item	Location	Description of Change
113.	T1.11-1, Issue 195	In response to RAI 6.2-202, added "for typical piping and components" to first sentence and added new sentence as follows: "Piping and components within the ICS and PCCS that are subject to hydrogen accumulation are designed to withstand combustion as described in Section 6.2.2."