

ESBWR DCD Chapter 1 – Appendices 1A to 1D

26A6642AF Revision 1 to Revision 2 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1	Table 1A-1, Item 10 CFR 50.34(f)(2)(i)	Changed ESBWR Resolution to read: "Simulator capability that correctly models the control room and includes the capability to simulate small-break LOCAs is used to perform the reactor operator training discussed in Section 13.2." This eliminates a duplicate action item for the COL applicant. Added 13.2 to list of associated Tier 2 locations.
2	Table 1A-1, Item 10 CFR 50.34(f)(2)(ii)	Changed ESBWR Resolution to read: "Plant procedures are discussed in Section 13.5." This eliminates a duplicate action item for the COL applicant. Added 13.5 to list of associated Tier 2 locations.
3	Table 1A-1, Item 10 CFR 50.34(f)(2)(iii)	Changed list of associated Tier 2 locations to read: "18 and Appendices to Chapter 18"
4	Table 1A-1, Item 10 CFR 50.34(f)(2)(iv)	Changed list of associated Tier 2 locations to read: "18.1.2"
5	Table 1A-1, Item 10 CFR 50.34(f)(2)(x)	Typographical error correction. Changed "suiTable" to "suitable" in fourth paragraph of ESBWR Resolution.
6	Table 1A-1, Item 10 CFR 50.34(f)(2)(xviii)	Typographical error corrections. Changed "suiTable" to "suitable" in Description. Changed "accepTable" to "acceptable" in third paragraph of ESBWR Resolution.
7	Table 1A-1, Item 10 CFR 50.34(f)(2)(xix)	Deleted ", including the list of instruments," and "of this DCD" from ESBWR Resolution. List of instruments was removed from Chapter 7 due to switching from Rev 3 to Rev 4 of Regulatory Guide 1.97. Corrected associated Tier 2 location to read: "T1.9-21 and 7.5.1"
8	Table 1A-1, Item 10 CFR 50.34(f)(2)(xxv)	Changed second paragraph of ESBWR Resolution to read: "Provisions for an onsite Operational Support Center, and a near-site Emergency Operations Facility are discussed in Section 13.3." This eliminates a duplicate action item for the COL applicant.
9	Table 1A-1, Item 10 CFR 50.34(f)(2)(xxvi)	Typographical error correction. Changed "Pool" to "Pools" in list item 5 of ESBWR Resolution statement.

ESBWR DCD Chapter 1 – Appendices 1A to 1D

26A6642AF Revision 1 to Revision 2 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
10	Table 1A-1, Item 10 CFR 50.34(f)(2)(xxvii)	Typographical error correction. Changed "(xvii)" to "(xxvii)" in Regulation column.
11	Table 1A-1, Item 10 CFR 50.34(f)(3)(vii)	Changed second paragraph of ESBWR Resolution to read: "The procedures to be used in the construction, startup, and operation phases of the plant are discussed in Section 13.5." Added 13.5 to list of associated Tier 2 locations. This eliminates a duplicate action item for the COL applicant.
12	Section 1B.2, Item (1), page 1B-1	Changed text to read "... and only the safety-related systems and auxiliaries, as described later ..." because not all systems used are described in Chapter 6.
13	Section 1B.2, Item (3), page 1B-2	Changed text to read "...sample analysis area, nitrogen supply bottles, and external connections for Isolation Condenser (IC), Passive Containment Cooling (PCC) and Fuel pools makeup as described in Appendix 1D (1D.1, Criterion B) to operate ..."
14	Section 1B.2, Item (5), page 1B-2	Changed RW to "Reactor Building (RB)". Inserted "to" in front of "corridors".
15	Section 1B.3.1	Deleted last paragraph because there may be airborne radiation to the RB through leakage via containment penetrations .
16	Section 1B.3.2, second paragraph, page 1B-3	Added "or are not applicable for the passive ECC systems" to the end of the second sentence.
17	Section 1B.3.3, second paragraph, page 1B-3	Changed text to read: "... are the safety-related systems used to maintain the plant in a safe shutdown condition." Changed for same reason as item 13 above.
18	Section 1B.3.3, last paragraph, page 1B-3	Added "and manual external connections for IC, PCC and Fuel pools makeup" to end of paragraph. Deleted "and" in front of "manual nitrogen reserve supply valves".
19	Section 1B.4.1, page 1B-4	Changed "or its equivalent to any part of the body" to "(TEDE) as defined in 10 CFR 50.2" in second line of last paragraph.

ESBWR DCD Chapter 1 – Appendices 1A to 1D

26A6642AF Revision 1 to Revision 2 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
20	Section 1B.4.3, last paragraph, page 1B-4	Added "and even longer with operator action for IC/PCC and Fuel pools makeup after 72 hours" to end of paragraph.
21	Section 1B.5.1.1, item (3) in second list, page 1B-5	Added ", see Subsection 1B.5.1.4" to end of text in parenthesis.
22	Section 1B.5.1.4, second paragraph, page 1B-7	Deleted "and reactor water" from the second sentence due to confusion over what system (T62 or P33) performs this task post-accident.
23	Section 1B.5.1.5, first paragraph, page 1B-7	Deleted "Most of the" in first sentence. Changed "The remaining" to "Additional" at start of second sentence. Revised third sentence to read: "Instrumentation requirements for post-accident monitoring (PAM) are discussed in Subsection 7.5.1."
24	Table 1B-2, Isolation Condensers	Changed location of IC/PCC Pools to "RB".
25	Table 1B-3	Changed table title to "Post-Accident Containment Systems and Auxiliaries".
26	Table 1B-3	Added data for Passive Containment Cooling System (four lines in total).
27	Table 1B-4	Changed MPL for Chemical Radiological Analysis to read: "None assigned." This eliminates an unnecessary COL action item.
28	Table 1B-5	Inserted "Essential" in front of "Distributed Control and Information System". Added "(CB and RB)" as location for this system.
29	S1C.1	Added references to Table 1C-2. (see next item)
30	Table 1C-1 – General reformatting	Due to confusion within this table over Generic Letters versus IE Bulletins with similar numbers, the table was split into two separate tables. Table 1C-1 contains the Generic Letters and Table 1C-2 contains the IE Bulletins. The words "Generic Letters" and "IE Bulletins" were added to the table titles so that the appropriate term appears on each page of the table.

ESBWR DCD Chapter 1 – Appendices 1A to 1D

26A6642AF Revision 1 to Revision 2 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
31	Table 1C-1, GL 80-06	Listing deleted in response to RAI 7.3-7. Evaluation statement provided originally was applicable to IE Bulletin of the same number.
32	Table 1C-1, GL 80-34	Evaluation statement revised in response to RAI 7.3-7 to read: "The ESBWR includes provisions for a Technical Support Center (TSC). The Operational Support Center (OSC) and Emergency Operating Facility (EOF) are described in Section 13.3."
33	Table 1C-1, GL 81-10	Evaluation statement revised in response to RAI 7.3-7 to refer to GL 80-34 instead of GL 80-06.
34	Table 1C-1, GL 87-09	General formatting change. Deleted "DCD" at front of evaluation statement so that same statement can be used in both DCD and COLA FSARs.
35	Table 1C-1, GL 88-01	Added "and Chapter 16 Bases B3.4.2" to evaluation statement.
36	Table 1C-1, GL 89-04 and 89-04s1	Typographical error correction. Changed "AccepTable" to "Acceptable" in both items.
37	Table 1C-1, GL 89-06	Typographical error correction. Changed "CFR 50.34(f)" to "10 CFR 50.34(f)".
38	Table 1C-1, GL 91-04	General formatting change. Deleted "DCD" at front of evaluation statement so that same statement can be used in both DCD and COLA FSARs.
39	Table 1C-1, GL 96-01	Revised evaluation statement in response to RAI 7.1-38 to read: "The Combined License holder will ensure that all portions of the safety-related logic circuitry are adequately covered in the surveillance procedures as described in Generic Letter 96-01."
40	Table 1C-2, IEB 79-02r2	Changed evaluation statement to read: "Subsection 3.9.3.7"
41	Table 1C-2, IEB 80-06	Revised evaluation statement in response to RAI 7.3-7 to read: "Subsections 6.2.4.1 and 7.3.1.1.2"
42	Table 1C-2, IEB 80-24	Typographical error correction. Changed acronym for Chilled Water System to "CWS".

ESBWR DCD Chapter 1 – Appendices 1A to 1D

26A6642AF Revision 1 to Revision 2 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
43	Table 1C-2, IEB 94-01	Deleted "COL Holder". FAPCS design includes necessary protection against drainage without need for a COL Holder action.
44	Section 1D.1, Criterion B, first paragraph	Corrected reference at end of paragraph to refer to Subsection 1D.4 instead of 1D.4.1.
45	Section 1D.1, Criterion B, third paragraph	General formatting change. Deleted "DCD" in first sentence so that same statement can be used in both DCD and COLA FSARs. Corrected "1.D.4" to "1D.4" in last sentence of paragraph.
46	Section 1D.2, Item 1, first paragraph	Changed second and third sentences to read: "The results are summarized in Chapter 19. Preparation of an update of the PRA to incorporate site-specific design elements and frequencies is discussed in Chapter 19." Deleted "(This COL action is covered in Chapter 19)" These changes make statement easily transportable into a COLA FSAR and eliminate a duplicate action item for the COL applicant.
47	Section 1D.3	Typographical error correction. Changed RNTSS to RTNSS.
48	Section 1D.4	Typographical error correction. Changed RNTSS to RTNSS in two locations.
49	Section 1D.4	Changed "PCC, IC" to "IC/PCC" for consistency with the rest of the DCD when referring to the IC/PCC pools.
50	Section 1D.4	Added following to end of paragraph in response to RAI 9.1-12: "Appropriate redundancy or a backup system for filling the pool from a reliable source, such as a lake, river, or onsite seismic Category I water-storage facility, should be provided as required by Paragraph C.8 of Regulatory Guide 1.13."
51	Section 1D.5, Reference 1D-3	Updated reference listing to show Revision 1 issue of non-proprietary version of NEDO-33201 in September 2006.
52	Table 1D-1	General consistency update. Changed "PCC, IC" to "IC/PCC" in three locations.

ESBWR DCD Chapter 1 – Appendices 1A to 1D
26A6642AF Revision 1 to Revision 2 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
53	Table 1D-1, Portions of the Fire Protection Systems (FPS)	Changed Defense-in-Depth statement to read: "Provide make-up water to the IC/PCC and Fuel pools to extend onsite passive cooling capability to at least 7 days from the initiating event."
54	Table 1D-1, Portions of the Fire Protection Systems (FPS)	Changed COL applicant item in last column to read: "COL applicant to address for the post 7-day mission how reliability and availability of make-up water will be provided."