

ESBWR DCD Tier 2 Chapter 2
26A6642AH Revision 5 to Revision 6 Change List

Item	Location	Description of Change
1.	Entire Chapter	Global chapter editorial changes to correct misspelling and grammar, spell out or integrate acronyms where appropriate, and update references as needed and where required.
2.	S2.0, 3 rd para.	“(iii)” removed from 10 CFR 52.47(a)(1) reference in response to RAI 7.5-8.c
3.	S2.0, 6 th para.	Revised eighth bullet in response to RAI 3.8-94 S04.
4.	S2.0, 2 nd to last para.	Paragraph revised in response to RAI 2.3-10 S03. New second sentence added to describe COL item in more detail for consistency with S2.0.1.
5.	S2.0.2, Ref 2.0-1	Updated to Revision 4, June 2009 version based on integrated review.
6.	S2.0.2, old Ref. 2.0-2	Deleted reference in response to RAI 2.3-4 S05.
7.	S2.0.2, old Ref. 2.0-6	Deleted reference in response to RAI 2.3-4 S06.
8.	S2.0.2, New References 2.0-7 and 2.0-8	References added in response to RAI 3.7-63 S01. Reference 2.0-8 was later updated to refer to the final version of the white paper.
9.	S2.0.2. New Reference 2.0-9	Reference added in response to RAI 2.3-4 S05.
10.	T2.0-1	Added Tier 2* designation to entire table and its notes in response to RAIs 3.7-75 and 3.8-126.
11.	T2.0-1, Extreme Wind	Subheadings revised for clarification.
12.	T2.0-1, Precipitation (for Roof Design)	Entries revised for clarification in response to RAI 2.3-4 S05
13.	T2.0-1, Precipitation (for Roof Design)	Entries revised in response to RAI 2.3-4 S06.
14.	T2.0-1, Soil Properties	Added “(SSE + Static)” following “Minimum Dynamic Bearing Capacity” in accordance with RAI 3.8-94 S03.
15.	T2.0-1, Soil Properties	Revised Minimum Dynamic Bearing Capacity values in accordance with RAI 3.8-94 S03. Partially superseded by response to RAI 3.8-94 S04.

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16.	T2.0-1, Soil Properties	Revised "Minimum ... Capacity" to "Maximum ... Demand" for Static and Dynamic Bearing descriptions, and updated some Maximum Dynamic Bearing Demand values in response to RAI 3.8-94 S04.
17.	T2.0-1, Soil Properties	Added maximum ratio of shear wave velocities in adjacent layers information and reference to Note (17) in accordance with RAIs 3.8-94 S03 and 3.8-96 S03. This information was subsequently removed in accordance with RAIs 3.8-94 S04 and 3.8-96 S04.
18.	T2.0-1, Soil Properties	Changed angle of internal friction from 30° to 35° in response to RAI 3.8-96 S03.
19.	T2.0-1, Soil Properties	Added backfill soil property requirements in response to RAI 3.8-96 S03. Backfill soil property requirements further clarified in response to RAI 3.8-96 S04.
20.	T2.0-1, Note (1)	Note deleted in response to RAIs 3.8-79 S03 and 3.8-80 S03.
21.	T2.0-1, Note (1)	Note rewritten to clarify the applicability of the table requirements to specific structures; this change supersedes note deletion for RAIs 3.8-79 S03 and 3.8-80 S03.
22.	T2.0-1, Note (3)	Note revised for clarification.
23.	T2.0-1, Note (4)	Second sentence replaced in response to RAI 2.3-4 S05. This change was superseded by RAI 2.3-4 S06.
24.	T2.0-1, Note (4)	Deleted sentence that was added in response to RAI 2.3-4 S05, in response to RAI 2.3-4 S06.
25.	T2.0-1, Note (5)	Note revised in response to RAI 2.3-4 S05 and RAI 2.3-4 S06.
26.	T2.0-1, Note (7)	Note revised in response to RAI 3.8-94 S04.
27.	T2.0-1, Note (8)	Revised note in response to RAIs 2.5-10 and 2.5-10 S01.

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28.	T2.0-1, Note (9)	Revised note in response to RAI 3.7-63 S01.
29.	T2.0-1, Note (11)	Revised note in response to RAI 2.0-2.
30.	T2.0-1, Note (16)	Revised note in response to RAI 2.5-10.
31.	T2.0-1, New Note (17)	Added Note (17) concerning the method for determining shear wave velocity ratios in accordance with RAIs 3.8-94 S03, 3.8-94 S03 R1, and 3.8-96 S03. This new note was subsequently removed in accordance with RAIs 3.8-94 S04 and 3.8-96 S04.
32.	T2.0-2, "Subsection 2.1.3" row	Clarification to indicate that population density assumed in PRA is not a limitation for plant siting considerations in response to integrated review comment.
33.	T2.0-2, "Subsection 2.3.1" row	COL Information column revised in response to RAI 2.0-2.
34.	T2.0-02, "Subsection 2.3.4" row	COL Information column revised in response to RAI 2.0-2
35.	T2.0-2, "Subsection 2.5.2" row	COL Information column revised in response to RAI 3.7-63 S01.
36.	F2.0-1 and F2.0-2	Added Tier 2* designation in response to RAI 3.7-76.
37.	S2A.2.3, Total Width	Editorial – Changed "closest emergency or normal air control room intakes" to "receptors" for consistency with changes described below to Tables 2A-2 through 2A-4.
38.	S2A.2.5	Subsection revised in response to RAI 2.3-9 S02.
39.	S2A.3, Item 2A.2-2-A	COL item revised in response to RAI 2.3-9 S02.
40.	S2A.4, Ref. 2A-1 and 2A-2	Removed reference to specific revision of the Regulatory Guides so that the revision listed in Table 1.9-21 applies by default.

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41.	T2A-2	Modified the locations and designations of the Technical Support Center HVAC air intakes consistent with their relocation as part of a design change.
42.	T2A-3	General table update for consistency with the relocation of the Technical Support Center HVAC air intakes as described above for T2A-2.
43.	T2A-4	General table update for consistency with the relocation of the Technical Support Center HVAC air intakes described above for T2A-2.
44.	F2A-1	Updated figure to show new location of Technical Support Center HVAC air intakes consistent with above described change to T2A-2.
45.	F2A-1 Notes	Revised description of Control Building Receptor Locations to match figure changes described above.
46.	F2A-1 Notes	Source Location description updated with footnote for clarification.
47.	Appendix 2B	Added new Appendix 2B in accordance with response to RAI 2.3-10 S03.