

ESBWR DCD Tier 2 Chapter 2
26A6642AH Revision 7 to Revision 8 Change List

Item	Location	Description of Change
1.	Entire Chapter	Header changed from Rev 7 to Rev 8.
2.	S2.0.2, Reference 2.0-1	Reference for NEDO-33201 was updated to indicate latest revision.
3.	T2.0-1, "Extreme Wind"	Relocated footnote 13. Reference Revision 1 of MFN 10-253.
4.	T2.0-1, "Ambient Design Temperature"	Per response to RAI 6.4-24 S02, replaced High Humidity Diurnal Swing and Daily Temperature Range values with checks to determine if site-specific characteristic values for ambient design temperature ranges (maximum and minimum dry bulb case and high humidity wet bulb case) are bounded by the ESBWR generic values. Reference MFN 10-159.
5.	T2.0-1, "Soil Properties"	Deleted "multiplied by a factor of safety appropriate for the design load combination" in the descriptions for the Minimum Static Bearing Capacity and Minimum Dynamic Bearing Capacity. Reference MFN 10-291 Revision 1.
6.	T2.0-1, note 3	Revised third sentence and added new fifth and sixth sentences per Revision 1 of MFN 10-253.
7.	T2.0-1, note 7	Deleted second sentence. Deleted "multiplied by a factor of safety appropriate for the design load combination and is" in the fourth and fifth sentences and inserted ", which is obtained by dividing the ultimate soil bearing capacity by a factor of safety appropriate for the design load combination" at the end of those two sentences. Reference MFN 10-291 Revision 1.

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8.	T2.0-1, note 12	Changed footnote per revised response to RAI 12.2-28 to point to the discussion in DCD Tier 2 Subsection 12.2.2.1, as well as emphasize the requirement for a specific site to use its site-specific X/Q and D/Q values in the determination of annual average airborne doses by pointing to DCD Tier 2 Subsection 12.2.2.2. Reference Revision 1 of MFN 09-786 Supplement 1.
9.	T2.0-1, note 13	Revised note per MFN 10-253 Revision 1.
10.	T2.0-1, note 17	Reworded per response to RAI 6.4-24 S02 to point to subsection 3H.3.2.1.1 for a definition of the Maximum Average Dry Bulb Temperature for 0% Exceedance Maximum Temperature Day. Reference MFN 10-159.
11.	T2.0-1, new note 18	Added per response to RAI 6.4-24 S02 to point to subsection 3H.3.2.1.2 for a definition of the Minimum Average Dry Bulb Temperature for 0% Exceedance Minimum Temperature Day. Reference MFN 10-159.
12.	T2.0-1, new note 19	Added per response to RAI 6.4-24 S02 to point to subsection 3H.3.2.1.3 for a definition of the Maximum High Humidity Average Wet Bulb Globe Temperature Index for 0% Exceedance Maximum Wet Bulb Temperature Day. Reference MFN 10-159.
13.	S2A.2.3	Corrected two instances where the incorrect table was referenced.
14.	S2A.2.3	Changed “plant grade” to “finished ground level grade” in two locations for consistency with the analysis performed for Appendix 2A and the definitions of these terms in Table 3.4-1. Reference MFN 10-212.

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15.	T2A-1	Changed “plant grade” to “finished ground level grade” for consistency with the analysis performed for Appendix 2A and the definitions of these terms in Table 3.4-1. Reference MFN 10-212.
16.	T2A-3	Updated values contained in Table to resolve inconsistencies with Table 2B-1. Reference MFN 10-193.
17.	F2A-1	In the legend for Figure 2A-1, deleted “(Assumed on the Radwaste Building Roof)” under Source Locations, Radwaste Building. Reference MFN 10-193.