

**ESBWR DCD Tier 2 Sections 3G – 3L**  
**26A6642AN Revision 6 to Revision 7 Change List**

<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
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.	S3G.1.5.4	Deleted references to Figures 3G.1-71a and 3G.1-71b in response to RAI 6.2-202.
3.	S3G.1.5.4.1	Deleted references to Table 3G.1-60 and replaced with references to 3G.1-3 in response to RAI 6.2-202.
4.	S3G.1.5.4.1.5	<p>Deleted references to Figure 3G.1-72 and Table 3G.1-60 and replaced them with references to 3G.1-3.</p> <p>Changed "...structure and the vertical tubes are modeled..." to "structure is modeled".</p> <p>Added "including detonation".</p> <p>Changed "The dynamic load cases are..." to "The seismic contribution to the dynamic load cases is..."</p> <p>Above changes made in response to RAI 6.2-202.</p>
5.	S3G.1.5.4.3.1, 1 <sup>st</sup> sent.	Sentence revised in response to RAI 3.8-96 S05.
6.	S3G.1.5.5, 2 <sup>nd</sup> para., new 3 <sup>rd</sup> through 5 <sup>th</sup> sentences	Sentences added in response to RAI 3.8-96 S05.
7.	S3G1.6	Added Reference 3G.1-3 for NEDE-33572P in response to RAI 6.2-202.
8.	T3G.1-4	Under headings Reactor Well, Equipment Storage Pool and Fuel Buffer Pool, Item a – Water, value revised per RAI 9.1-50 S04.
9.	T3G.1-50 to T3G.1-57	Tables revised in response to RAI 3.8-96 S05.

**ESBWR DCD Tier 2 Sections 3G – 3L**  
**26A6642AN Revision 6 to Revision 7 Change List**

<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
10.	T3G.1-57a to T3G.1-57e	Tables added in response to RAI 3.8-96 S05.
11.	T3G.1-60	Moved table to NEDE-33572P in response to RAI 6.2-202.
12.	F3G.1-1	Figure revised in response to RAI 3.8-96 S05.
13.	F3G.1-6	Figure revised in response to RAI 3.8-96 S05.
14.	F3G.1-7	Figure revised in response to RAI 3.8-96 S05.
15.	F3G.1-47	Figure revised in response to RAI 3.8-96 S05.
16.	F3G.1-71a	Moved figure to NEDE-33572P in response to RAI 6.2-202.
17.	F3G.1-71b	Moved figure to NEDE-33572P in response to RAI 6.2-202.
18.	F3G.1-72	Moved figure to NEDE-33572P in response to RAI 6.2-202.
19.	S3G.2.5.5, 2 <sup>nd</sup> para., new 3 <sup>rd</sup> through 5 <sup>th</sup> sentences	Sentences added in response to RAI 3.8-96 S05.
20.	T3G.2-26	Table revised in response to RAI 3.8-96 S05.
21.	T3G.2-26a to T3G.2-26b	Tables added in response to RAI 3.8-96 S05.
22.	S3G.3.5.4.1, all sentences	Sentences revised in response to RAI 3.8-96 S05.
23.	T3G.3-13 to T3G.3-17	Tables revised in response to RAI 3.8-96 S05.
24.	F3G.3-4	Figure revised in response to RAI 3.8-96 S05.
25.	F3G.3-5	Figure revised in response to RAI 3.8-96 S05.
26.	F3G.6-3 to F3G.6-6, F3G.6-19 & F3G.6-20	Figures revised to conform to general arrangement drawings in DCD Tier 2 Chapter 1 to close out an internal corrective action (MFN 10-055).
27.	S3H.3.2, 1 <sup>st</sup> para.	Changed last sentence from "...and a pressure of 14 kPag (2.0 psig)" to "...and a limiting pressure consistent with the full tornado pressure drop described in Section 3.3.2.2". MFN 10-117

**ESBWR DCD Tier 2 Sections 3G – 3L**  
**26A6642AN Revision 6 to Revision 7 Change List**

<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
28.	S3H.3.2.1	Updated first paragraph, Acceptance Criteria second bullet, and Analysis Results first and third paragraphs, in response to RAIs 9.4-55 and 9.4-58
29.	S3H.3.2.1, 1st para, last sentence	Added “and high humidity analysis” in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2).
30.	S3H.3.2.1, Acceptance Criteria, 2 <sup>nd</sup> bullet	Changed “Section 9.4.1” to “Subsection 6.4” in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2).
31.	3H.3.2, 1 <sup>st</sup> paragraph	Changed last sentence from “...and a pressure of 14 kPag (2.0 psig)” to “...and a limiting pressure consistent with the full tornado pressure drop described in Section 3.3.2.2”. MFN 10-117
32.	S3H.3.2.1, Analysis Results, 3 <sup>rd</sup> - 6 <sup>th</sup> paragraphs	Added last two sentences of 3 <sup>rd</sup> paragraph, added new 4 <sup>th</sup> and 5 <sup>th</sup> paragraphs and changed “Section 9.4.1” to “Subsection 6.4” in 6 <sup>th</sup> paragraph, in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2).
33.	S3H.3.2.1, 3 <sup>rd</sup> and 4 <sup>th</sup> paragraphs	Revised last several sentences of third paragraph and changed “3” to “three” in fourth paragraph, in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2, Revision 1).
34.	S3H.4	Added Reference 3H.4-8 in response to RAIs 9.4-55 and 58.
35.	T3H-14	Broke out “CRHA Day and Night Temperature Profile” row into two rows, in response to RAI 6.4-24 (MFN 09-776).
36.	T3H-14	Updated second “CRHA Day and Night Temperature Profile” row and added Note 5, in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2).

**ESBWR DCD Tier 2 Sections 3G – 3L**  
**26A6642AN Revision 6 to Revision 7 Change List**

<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
37.	T3H-14	Changed “Heat-up” to “Temperature” in table caption, changed “Temperature Profile” to “Daily Temperature Range” in 6 <sup>th</sup> row and added last sentence to Note (3), in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2, Revision 1). Sentence added to Note (3) to detail the input temperature profile used in the wetbulb temperature (high humidity) evaluation of the CRHA. This sentence gives the markup in Tier 1 Table 2.16.2-4 (HVAC ITAAC) a design condition to use.
38.	T3H-15, Note 4	Revised in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2). Added “index” in response to RAI 6.4-24 S01 (MFN 09-776, Supplement 2, Revision 1).
39.	S3J.3.1, 2 <sup>nd</sup> para, new last sentence	Added sentence in response to RAI 3.6-7 S03.
40.	S3K.2	Deleted last paragraph per MFN 10-125.
41.	S3KA.6.1	Corrected the description by deleting the words “hollow fiber” from in front of “filter”. See MFN 10-098.
42.	S3L.1, 1st paragraph, 2 <sup>nd</sup> , 3 <sup>rd</sup> and new 4 <sup>th</sup> sentences	Revised to change classification of ESBWR FIV program from non-prototype to prototype and to clarify requirements for prototype plants, in response to RAI 3.9-75 S01.
43.	S3L.1, new 7 <sup>th</sup> sentence	Added sentence in response to NRC Comment #3 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
44.	S3L.2.2, 2 <sup>nd</sup> and 3 <sup>rd</sup> para.	Deleted last six sentences of 2 <sup>nd</sup> paragraph and entire 3 <sup>rd</sup> paragraph and added new last three sentences of 2 <sup>nd</sup> paragraph in response to NRC Comment #3 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).

**ESBWR DCD Tier 2 Sections 3G – 3L**  
**26A6642AN Revision 6 to Revision 7 Change List**

<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
45.	3L.4.1, 3 <sup>rd</sup> para, 2 <sup>nd</sup> -to-last sentence	Added “SV” in front of “standpipes” and replaced “mode SRV/branch line” with “layer wave acoustic” in response to NRC Comment #4 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
46.	S3L.4.6, 2 <sup>nd</sup> para.	Deleted “divider plates” in response to Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
47.	S3L.4.6, 3 <sup>rd</sup> para.	Added new last two sentences in response to Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
48.	S3L.4.6, 5 <sup>th</sup> para, 2 <sup>nd</sup> -to-last sentence	Added “transfer functions” in response to Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
49.	S3L.4.6, 7 <sup>th</sup> para, last sentence	Changed “3L-8 and 3L-9” to “3L-5 and 3L-6” in response to Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
50.	S3L.4.6, 11 <sup>th</sup> and 12 <sup>th</sup> paras.	Deleted last eight sentences in 11 <sup>th</sup> paragraph and entire 12 <sup>th</sup> paragraph in response to NRC Comment #12 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
51.	S3L.4.6, new 13 <sup>th</sup> para.	Added in response to Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
52.	3L.5.5.1.3, 3 <sup>rd</sup> para.	Replaced “ESBWR” with “ABWR,” added “upper skirt adjacent to the front,” “the lower” and “and skirt” and deleted “upper part of” and last sentence in response to Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621 Supplement 1).
53.	3L.5.5.2, 1 <sup>st</sup> para. 2 <sup>nd</sup> sentence	Replaced “Subsection 3L.5.5.3” with “Reference 3L-6” in response to NRC Comment #12 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).

**ESBWR DCD Tier 2 Sections 3G – 3L**  
**26A6642AN Revision 6 to Revision 7 Change List**

<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
54.	S3L.5.5.3	Deleted section in response to NRC Comment #12 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
55.	S3L.6, Reference 3L-9	Updated reference versions in response to NRC Comment #16 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).
56.	T3L-4	Deleted “if problem occurs” in three places and deleted last sentence of Note (1) in response to NRC Comment #3 from the Regulatory Audit of Reactor Pressure Vessel Internals (MFN 09-621).