

Tier 2 Appendix 3G Revision 2 to Revision 3 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1.	Abbreviations And Acronyms List	Deleted “Global” from “Abbreviations And Acronyms List”
2.	S3G, 1 st para.	Added following sentences at the end of the paragraph per discussion during the July 2006 NRC Structural Audit to provide flexibility when preparing final construction level details: “Drawings depicted in the DCD are not used for construction. Construction drawings will be issued under different contractual/industrial rules, but they will meet the technical licensing commitments made in the DCD.”
3.	S3G.1.5.2.1.2, 1 st sent.	Added a description on the rain load.
4.	S3G.1.5.2.1.2, 2 st sent.	Replaced “75%” with “100%” to reflect the actual value used in design.
5.	S3G.1.5.2.1.10, 1 st sent.	Replaced “due to” with “to account for a” per RAI 3.8-60 S1. Added “(11.0 psig)”.
6.	S3G.1.5.2.1.10, 2 nd sent	Added “(5.0 psig)”.
7.	S3G.1.5.2.1.13, 3 rd para.	Added the lateral soil pressure obtained from the SASSI analyses incorporating the RAI response. Reference to RAI 3.7-33 S1.
8.	S3G.1.5.2.2.2, 1 st para., 2 nd sent.	Deleted “SRV and LOCA”, due to considering these loads into GDCS Pool evaluation.
9.	S3G.1.5.2.3.1, last sent	Changed “350°F” to “177°C (350°F)”
10.	S3G.1.5.2.3.2, 1 st sent	Added “(60 ksi)”.
11.	S3G.1.5.4.1.1, 1 st through 3 rd para.	Revised the maximum stresses evaluated by reanalysis incorporating updated design conditions.
12.	S3G.1.5.4.1.1, 4 th para., 2 nd sent.	Replaced “0.0040” with “0.0044” in response to RAI 3.7-5.

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13.	S3G.1.5.4.1.1, last para.	Added following sentence at the end of paragraph per RAI 3.8-24 S1: “The liner stresses during construction are kept within the allowable values found in Table CC-3720-1 of ASME Code Section III, Division 2 by limiting concrete placement pressure”
14.	S3G.1.5.4.1.2, 1 st and 2 nd para.	Revised the maximum stresses evaluated by reanalysis incorporating updated design conditions and added US customary units.
15.	S3G.1.5.4.1.2, 3 rd para., 1 st sent.	Replaced “0.0025” with “0.0029” in response to RAI 3.7-5.
16.	S3G.1.5.4.1.3, 1 st para.	Revised the maximum stresses evaluated by reanalysis incorporating updated design conditions and added US customary units.
17.	S3G.1.5.4.1.3, 2 nd para., 1 st sent.	Replaced “0.0006” with “0.0004” in response to RAI 3.7-5.
18.	S3G.1.5.4.1.4 all paragraphs	Added US customary units or metric units where applicable.
19.	S3G.1.5.4.1.4, 2 nd para., 1 st sent.	Replaced “794 MPa” with “798 MPa” in response to RAI 3.8-38.
20.	S3G.1.5.4.1.4, 2 nd para., Item (1), 1 st sent.	Replaced “390 MPa” with “394 MPa” in response to RAI 3.8-38.
21.	S3G.1.5.4.1.4, 2 nd para, Item (2), 4 th sent.	Replaced “794 MPa” with “798 MPa” in response to RAI 3.8-38.
22.	S3G.1.5.4.1.4, 2 nd para., Item (2) equation	Replaced “2.49” with “2.5” in response to RAI 3.8-38.
23.	S3G.1.5.4.1.4, 2 nd para., Item (3), S _a formula	Replaced “1978 MPa” with “1995 MPa” and “287 ksi” with “290 ksi” in response to RAI 3.8-38
24.	S3G.1.5.4.1.4, 2 nd para., Item (3), S _a ’ formula	Replaced “2117 MPa” with “2138 MPa” and “307 ksi” with “310 ksi” in response to RAI 3.8-38.

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25.	S3G.1.5.4.1.4, 2 nd para., Item (3), 2 nd para., 1 st sent.	Replaced “307 ksi” with “310 ksi” and “38” with “37” in response to RAI 3.8-38.
26.	S3G.1.5.4.1.4, new last para.	Added additional details in response to RAI 3.8-32.
27.	S3G.1.5.4.2, 2 nd para., Item (4), 1 st para., 1 st sent.	Revised sentence due to evaluation method change.
28.	S3G.1.5.4.2, 2 nd para., Item (4), 2 nd para., 1 st sent.	Editorial change.
29.	S3G.1.5.4.2	Added following sentence at the end of section per RAI 3.8-46 S1: “The Absolute Sum (ABS) method is used to combine the stresses due to dynamic loads, such as seismic, hydrodynamic and AP loads, for all steel structures except for the GDCS Pool for which the SRSS method is applied.”
30.	S3G.1.5.4.3.1	Revised the maximum stresses and shear forces evaluated by reanalysis incorporating updated design conditions and added US customary units.
31.	S3G.1.5.4.3.2	Revised the maximum stresses and shear forces evaluated by reanalysis incorporating updated design conditions and added US customary units.
32.	S3G.1.5.4.3.3, 2 nd para.	Revised the maximum stresses and shear forces evaluated by reanalysis incorporating updated design conditions and added US customary units.
33.	S3G.1.5.4.3.4	Revised the maximum stresses and shear forces evaluated by reanalysis incorporating updated design conditions and added US customary units.
34.	S3G.1.5.4.3.5, 2 nd para.	Revised the maximum stresses and shear forces evaluated by reanalysis incorporating updated design conditions and added US customary units.
35.	S3G.1.5.5, 2 nd para.	Added an explanation of the backfill condition in the sliding evaluation. Reference to RAI 3.8-96 S2.

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36.	S3G.1.5.5, 3 rd para.	Added an explanation of the evaluation method of bearing pressure. Reference to RAI 3.8-94 S2.
37.	S3G.1.5.5, 4 th and 5 th para.	Added explanations of the parametric studies for the basemat design. Reference to RAI 3.8-93 S2.
38.	New S3G.1.5.5.1	Added details on “Effect of Basemat Uplift” in response to RAI 3.8-13 S3.
39.	New S3G.1.5.5.2	Added details on “Effect of Horizontal Variation of Soil Spring” in response to RAI 3.8-93 S2.
40.	New S3G.1.5.5.3	Added details on “Effect of Construction Sequence” in response to RAI 3.8-93 S2.
41.	New S3G.1.5.5.4	Added details on “Foundation Settlement” in response to RAI 3.8-93 S2.
42.	S3G.1.6	Added new Item 3G.1-2 in response to RAI 3.8-94 S2.
43.	T3G.1-2	<p>For Soil Parameter: Deleted rows for Soil’s “Poisson’s Ratio” and “Unit Weight”, changed conversion for Minimum shear wave velocity to “1000”.</p> <p>Changed “Maximum Snow Load”, to “Maximum Ground Snow Load” and added “**”.</p> <p>Added “ (0% exceedance values)” Design Temperatures.</p> <p>For Extreme Wind parameter: Deleted “Importance Factors” row. For basic wind speed changed “50” to “100”, added “*” and changed values to “67.1(150)”.</p> <p>For Tornado’s Missile Spectrum, changed value from “See Section 3.5.1.4” to “Spectra I of SRP 3.5.1.4, rev. 2 applied to full building”</p> <p>Added “**” to Maximum Rainfall parameter.</p>
44.	T3G.1-9	Revised enveloping maximum accelerations incorporating the added seismic analysis cases. Reference to RAI 3.7-5.
45.	T3G.1-13 through T3G.1-21	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.
46.	T3G.1-22 through T3G.1-26	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.
47.	T3G.1-27	Revised incorporating changes of rebar arrangement required for the updated design conditions.

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
48.	T3G.1-28 through T3G.1-34	Revised incorporating results of section design calculations performed for the updated design conditions.
49.	T3G.1-35	Revised table in response to RAI 3.7-5.
50.	T3G.1-36	Revised table in response to RAIs 3.7-5 and 3.7-38.
51.	T3G.1-37 through 3G.1-44	Revised table in response to RAI 3.7-5.
52.	T3G.1-45 through T3G.1-49	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.
53.	T3G.1-50	Revised incorporating changes of rebar arrangement required for the updated design conditions.
54.	T3G.1-51 through T3G.1-56	Revised incorporating results of section design calculations performed for the updated design conditions.
55.	T3G.1-57	Revised incorporating results of stability evaluations performed for the updated design conditions per RAIs 3.7-48 S2 and 3.8-96 S2.
56.	T3G.1-58	Revised incorporating results of bearing pressure calculations performed for the updated design conditions per RAI 3.8-94 S1 and S2.
57.	T3G.1-59	Added study results regarding the effect of uplift on the basemat design. Reference to RAI 3.8-13 S3.
58.	F3G.1-4	Revised incorporating changes of wall location in the IC/PCCS pools.
59.	F3G.1-5	Revised incorporating changes of slab opening location.
60.	F3G.1-8 through F3G.1-18	Revised incorporating FE model changes due to the changes of building structures.
61.	F3G.1-20	Revised incorporating a change due to the basemat FE model change per.
62.	F3G.1-24 through F3G.1-26	Revised enveloping seismic loads incorporating the added analysis cases. Reference to RAI 3.7-5.
63.	F3G.1-27	Revised incorporating the lateral soil pressure obtained from the SASSI analyses. Reference to RAI 3.7-33 S1.
64.	F3G.1-30 through F3G.1-38	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.

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65.	F3G.1-40 through F3G.1-47	Revised incorporating changes of rebar arrangement required for the updated design conditions.
66.	F3G.1-48 and F3G.1-49	Replaced figure to reflect updated liner and liner anchor design in response to RAI 3.8-24.
67.	F3G.1-51	Replaced figure to reflect updated drywell head design in response to RAI 19.2-40, RAIs 3.8-30 S1 and 3.8-38.
68.	F3G.1-52	Replaced figure to reflect updated equipment hatch design in response RAI 3.8-37.
69.	F3G.1-53	Replaced figure to reflect updated wetwell hatch design in response RAI 3.8-37.
70.	F3G.1-54	Replaced figure to reflect updated personnel airlock design in response RAI 3.8-36.
71.	F3G.1-55	Replaced figure to reflect updated diaphragm floor design in response RAI 3.8-40 and RAI 3.8-56 S3.
72.	F3G.1-56	Replaced figure to reflect updated diaphragm floor slab anchor design in response RAI 3.8-40.
73.	F3G.1-57	Replaced figure to reflect updated RPV support bracket and vent wall design in response RAI 3.8-40.
74.	F3G.1-58	Replaced figure to reflect updated reactor shield wall design in response RAI 3.8-40.
75.	F3G.1-59	Replaced figure to reflect updated GDSC pool design in response RAI 3.8-40.
76.	F3G.1-60 through F3G.1-64, new figures	Added study results regarding the effect of uplift on the basemat design. Reference to RAI 3.8-13 S3.
77.	F3G.1-65, new figure	Added figure and note to clarify the backfill condition in sliding evaluation. Reference to RAI 3.8-96 S2.
78.	S3G.2.3, 1 st para., 1 st sent.	Replaced “essential” with “safety-related”.
79.	S3G.2.3, 1 st para., 2 nd sent.	Deleted “Structure below grade in” per engineering change and RAI 3.8-65 S1.
80.	S3G.2.4.1, 1 st para.	Revised incorporating NASTRAN FE analysis model per 26A6653 Rev. 1.

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81.	S3G.2.4.1, 2 nd para.	Deleted incorporating NASTRAN FE analysis model per 26A6653 Rev. 1.
82.	S3G.2.5.2.1.2, 1 st sent.	Added a description on the rain load.
83.	S3G.2.5.2.1.2, 2 st sent.	Replaced “75%” with “100%” to reflect the actual value used in design.
84.	S3G.2.5.2.1.6, 1 st para., 1 st sent.	Inserted “in combination with a loss of external AC power” after “...LOCA” per RAI 3.8-73.
85.	S3G.2.5.2.1.7, 3 rd para.	Added the lateral soil pressure obtained from the SASSI analyses incorporating the RAI response. Reference to RAI 3.7-33 S1.
86.	S3G.2.5.4	Editorial change due to addition of new tables.
87.	S3G.2.5.4.1 through S3G.2.5.4.3	Revised the maximum stresses and shear forces evaluated by reanalysis incorporating updated design conditions.
88.	S3G.2.5.5, 2 nd para.	Added an explanation of the backfill condition in the sliding evaluation. Reference to RAI 3.8-96 S2.
89.	New S3G.2.5.5.1	Added details on “Foundation Settlement” in response to RAI 3.8-93 S2.
90.	S3G.2.5.6, 1 st para., 1 st sent.	Revised sentence per engineering change and RAI 3.8-65 S1 to read: “The CB is shown in Figure 3G.2-3.”
91.	S3G.2.5.6, 1 st para., 2 nd sent.	Editorial change. Replaced “are” with “is”.
92.	S3G.2.5.6, 1 st para.	Deleted last sentence per engineering change and RAI 3.8-65 S1.
93.	T3G.2-3, 1 st row	Revised per the change of design specification.
94.	T3G.2-5	Revised enveloping maximum accelerations incorporating the added seismic analysis cases. Reference to RAI 3.7-5.
95.	T3G.2-6, 2 nd row	Added one critical load combination.
96.	T3G.2-7 through T3G.2-11	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.
97.	T3G.2-12 through T3G.2-15	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.

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98.	T3G.2-16	Revised incorporating changes of rebar arrangement required for the updated design conditions.
99.	T3G.2-17 through T3G.2-25	Revised incorporating results of section design calculations performed for the updated design conditions.
100.	T3G.2-26	Revised incorporating results of stability evaluations performed for the updated design conditions.
101.	T3G.2-27	Revised incorporating results of bearing pressure calculations performed for the updated design conditions.
102.	F3G.2-1 through F3G.2-3	Revised incorporating changes of rebar arrangement required for the updated design conditions.
103.	F3G.2-4 through F3G.2-9	Revised incorporating FE model changes.
104.	F3G.2-10	Added soil pressure applied to Wall C5 for clarification.
105.	F3G.2-12	Revised enveloping seismic loads incorporating the added analysis cases. Reference to RAI 3.7-5.
106.	F3G.2-13	Revised incorporating the lateral soil pressure obtained from the SASSI analyses. Reference to RAI 3.7-33 S1.
107.	F3G.2-15	Added figure and note to clarify the backfill condition in sliding evaluation. Reference to RAI 3.8-96 S2.
108.	S3G.3.5.2.1.2, 1 st sent.	Added a description on the rain load.
109.	S3G.3.5.2.1.2, 2 nd sent.	Replaced “75%” with “100%” to reflect the actual value used in design.
110.	S3G.3.5.2.3	Changed “analyses are same” to “analyses are the same”
111.	S3G.3.5.4.1 through S3G.3.5.4.3	Revised the maximum stresses and shear forces evaluated by reanalysis incorporating updated design conditions.
112.	T3G.3-1, 2 nd row	Revised incorporating the change of Spent Fuel rack weight perengineering change.
113.	T3G.3-3	Removed “*” from end of title.
114.	T3G.3-5 through T3G.3-9	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.
115.	T3G.3-10 through T3G.3-12	Revised incorporating results of NASTRAN reanalysis performed for the updated design conditions.

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
116.	T3G.3-13	Revised incorporating changes of rebar arrangement required for the updated design conditions.
117.	T3G.3-14 through T3G.3-17	Revised incorporating results of section design calculations performed for the updated design conditions.

Tier 2 Appendix 3H Revision 2 to Revision 3 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1.	S3H.1, new last para.	Added additional details.
2.	S3H.2.1, 1 st para., 3 rd sent.	Clarified Drywell description, by replacing “partitioned” with “divided, and deleting “skirt”.
3.	S3H.2.1, 1 st para., 4 th sent.	Replaced 4 th sentence with “The upper and lower drywell are interconnected”.
4.	S3H.2.1, 2 nd para., 2 nd sent.	Replaced “Figure 3H-1” with “Table 3H-2 and Table 3H-5”.
5.	S3H.2.2, 1 st para., 1 st sent.	Deleted first sentence.
6.	S3H.2.2, 2 nd para., 1 st sent.	Deleted “except for those of the main steam tunnel and IC/PCC pools”.
7.	S3H.2.2, 2 nd para., 2 nd sent.	Replaced 2 nd sentence with “The Control Room Habitability Area (CRHA) includes the main control room and areas adjacent to the control room containing operator facilities. Also located in the control building are 1E DCIS rooms, located at elevation -7400.”
8.	S3H.2.2, 2 nd para., last sent.	Replaced “Figure 3H-2” with “Figures 1.2-1 to 1.2-9”.
9.	S3H.3.1, 1 st para., 1 st sent.	Replaced “3H-4” with “3H-5”.
10.	S3H.3.1, 1 st para., 2 nd sent.	Deleted 2 nd sentence.
11.	S3H.3.2, 1 st para., 1 st sent.	Replaced “room zone” with “Building”.

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
12.	S3H.3.2, 1 st para.	Revised paragraph to read: “Thermodynamic conditions for safety-related equipment in the containment vessel, Control Building and Reactor Building are given in Tables 3H-8 through 3H-10 for accident conditions, including post-accident periods. In general, the most severe conditions result from a postulated reactor coolant line break inside the containment, LOCA (bounding case) plus SBO, see Chapter 6 for detailed information. However, conditions were also considered for ruptures occurring in the steam tunnel and breaks in the RWCU/SDC System outside the containment, HELB plus SBO, see Chapter 6 for detailed information. Tables 3H-6, 3H-7 and 3H-11 specify the radiation environmental qualification conditions.”
13.	S3H.3.3, 1 st para.	Revised text and figures according to water quality requirements.
14.	S3H.3.4	Added new subsection with COL-Unit Specific information.
15.	S3H.4	Added references 3H.4-3, 3H.4-4, 3H.4-5 and 3H.4-6.
16.	T3H-1	Revised entire table to provide clear cross referencing.
17.	T3H-2	Replaced cross references with Figure 6.2-1. Revised relative humidity, and correct a typo in lower drywell figures.
18.	T3H-3	Replaced entirety with new Table 3H-3

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19.	T3H-4	<p>Added new 1st row for Safety portions of CRHA Ventilation Subsystem Rooms No 3406, 3407.</p> <p>2nd row: Replaced “Main control room panels [Figure 3H-15]” with “Control Room Habitability Area Main control room panels Rooms No 3275, 3201, 3202, 3204, 3205, 3270, 3271, 3272, 3273 and 3274 (Figure 3H-1)”</p> <p>3rd row: Deleted EBAS</p> <p>4th row: Replaced “Safety System Logic and Control (SSLC)[Figure 3H-17]” with “Division I, II, III and IV electrical rooms 1EDCIS panels Rooms No 3110, 3120, 3130 and 3140 (Figure 1.2-2)”</p> <p>Notes: Changed * note to “The indicated positive pressure is relative to the atmospheric pressure.”</p>
20.	T3H-5	Replaced cross references with “Figure 6.2-1”.
21.	T3H-6	Replaced entirety with new Table 3H-6
22.	T3H-7	Replaced entirety with new Table 3H-7
23.	T3H-8	Replaced entirety with new Table 3H-8
24.	T3H-9	Replaced entirety by new Table 3H-9.

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25.	T3H-10	<p>Added new 1st row for Safety portions of CRHA Ventilation Subsystem Rooms No 3406, 3407.</p> <p>Revised 1st row by deleting “and SSLC” and “[Figure 3H-15 and 3H-17]”, then adding “Rooms No 3275, 3201, 3202, 3204, 3205, 3270, 3271, 3272, 3273 and 3274 (Figure 3H-1)”.</p> <p>Added “**” to Temp. in 2nd column. Changed 3rd column time to “0-72h”, temp to “8.3(15)Max, press. to “31(1/8)” and humidity to “Not controlled”. Changed 4th column time to 10 days, temp. to “25.6(78) max”, press to “31 (1/8)”, and humidity to “60% Max”.</p> <p>Deleted EBAS row.</p> <p>Added new last row for “Division I, II, III and IV electrical rooms 1EDCIS panels Rooms No 3110, 3120, 3130 and 3140”.</p> <p>Changed “*” note to “Time indicates the time after the occurrence of the accident.”</p> <p>Added new “**” note: “Maximum rise above normal operating temperature. After 72h, the temperature decreases to the temperature value shown for 10 days.”</p>
26.	T3H-11	Replaced cross references with “Figure 6.2-1”.
27.	T3H-12	Replaced entire table with new table with COL-Unit Specific information of rooms and the assumed heat loads and safety-related equipment locations.
28.	T3H-13	Deleted entire table.
29.	F3H-1	Replaced by Control Room Habitability Area drawing
30.	F3H-2 through F3H-17	Deleted figures.

Tier 2 Appendix 3I Revision 2 to Revision 3 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1.	None.	

Tier 2 Appendix 3J Revision 2 to Revision 3 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1.	None.	

Tier 2 Appendix 3K Revision 2 to Revision 3 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1.	None.	

Tier 2 Appendix 3L Revision 2 to Revision 3 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1.	S3L.2, last sent.	Changed figure reference to 5.3-3.
2.	S3L.2.1, 3 rd para., new 1 st bullet	Added “Control Rod Drive Housing (CRDHs).
3.	S3L.2.1, 5 th para., 1 st sent.	Inserted “such as the top guide and core plate” after “Other components”.
4.	S3L.2.1	Added following sentence after the 5 th paragraph: “The results of the Part 1 evaluation are contained in Reference 3L-1”. This addition was for clarification.
5.	S3L.2.1, 6 th para, 1 st sent.	Replaced “From this list”, with “From the components listed in the forgoing”.
6.	S3L.2.1, 7 th para, last sent.	Replaced “replacement”, with “new”.
7.	S3L.2.1	Deleted last paragraph.
8.	S3L.2.2, new 1 st para.	Added additional details.
9.	S3L.2.2, 1 st para.	Deleted 1 st sentence and inserted “This information is then used as basis for the instrumentation in the ESBWR startup test program” after 2 nd sentence.
10.	SL.3.1, 2 nd to last sent.	Changed “Figure 3L-2” to “Figure 3L-1”.
11.	S3L.4.1, 2 nd para., new	Inserted additional details after the 5 th sentence in response to RAI 3.9-141.
12.	S3L.4.1, 2 nd para., last sent.	Replaced “an ABWR” with “the prototype replacement” per RAI 3.9-141.
13.	S3L.4.4, 2 nd para., 4 th bullet	Added additional details in response to RAI 3.9-134b.
14.	S3L.4.4, 3 rd para.	Added following sentence at the beginning of paragraph per RAI 3.9-134b and 3.9-136: “A detailed description of the acoustic load definition process for the ESBWR steam dryer is provided in Reference 3L-5.”

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15.	S3L.4.4, 4 th para., 5 th sent.	Revised sentence per RAI 3.9-134b to read: “GE has recently successfully completed a power ascension test program with an instrumented replacement BWR 3 steam dryer that is the prototype for the ESBWR steam dryer.”
16.	S3L.4.5, last para.,	Inserted “(Reference 3L-6)” after “...steam dryer design” per RAI 3.9-58.
17.	S3L.4.6, 1 st para., 1 st sent.	Inserted “prototype” before “ESBWR steam dryer” per RAI 3.9-136.
18.	S3L.4.6, new paragraphs	Added additional details after the 1 st paragraph in response to RAI 3.9-137a.
19.	S3L.4.6, 2 nd para.,	Added following sentence at the end of the paragraph per RAIs 3.9-63 and 3.9-64: “Details of the steam dryer instrumentation are provided in Reference 3L-7.”
20.	S3L.4.6, new paragraph	Added additional details after the 5 th paragraph in response to RAIs 3.9-63 and 3.9-64.
21.	S3L.4.6, 6 th para., last sent.	Revised per RAIs 3.9-63, 3.9-64 and 3.9-136 to read: “The acceptability of the dryer for continued operation will be evaluated by revising the load definition based on the measured loading, repeating the structural analysis using the revised load definition, and determining revised operating limits based on the results of the structural analysis.
22.	S3L.5.4, 1 st para.	Added following sentences at the end paragraph per RAI 3.9-134: “It should be noted that the 200 Hz frequency range is approximate and is dependent on the SRV standpipe design. The frequency range monitored and evaluated in the FIV test program will be adjusted to bound the range of frequencies determined for the final SRV standpipe design.”
23.	S3L.5.5.1.1, 1 st sent.	Deleted “or equivalent qualified program”.
24.	S3L.5.5.1.2, 1 st sent.	Deleted “or equivalent qualified program”.

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
25.	S3L.5.5.1.3, 1 st para., 1 st sent.	Replaced “past” with “original steam dryers used in previous”.
26.	S3L.5.5.1.3, 3 rd para., 1 st sent.	Added “(Reference 3L-7)” at the end of sentence. RAI 3.9-58.
27.	S3L.5.5.1.3, 4 th para., 1 st sent.	Replaced “Reference 3L-3” with “References 3L-3 and 3L-6)”. RAI 3.9-58
28.	S3L.5.5.2, 1 st para.	Added additional details in response to RAIs 3.9-66.
29.	S3L.5.5.2, 2 nd para., last sent.	Replaced “material [68.9 MPa (10,000 psi)]” with “component and material”. RAI 3.9-66
30.	S3L.5.5.2, 3 rd para., last sent.	Revised sentence in response to RAI 3.9-66.
31.	S3L.5.5.2, 4 th para., last sent.	Revised sentence in response to RAI 3.9-66.
32.	S3L.5.5.2, 5 th para.	Added additional details in response to RAI 3.9-66.
33.	S3L.5.5.2.2 item (6)	Editorial correction to “ $\sigma_{i,MAX}$ ” and “MSF ₁ ”.
34.	S3L.6, Item 3L-2	Replaced “November 9, 2004” with “August 30, 2006”.
35.	S3L.6, new items	Added new items 3L-5 through 3L-7. RAI 3.9-58
36.	T3L-1, 3 rd column title	Replaced “ABWR Dryer” with “Replacement BWR/3 Dryer” and respective dimensions and properties of replacement dryer. RAI 3.9-141
37.	T3L-5	Added note *. RAI 3.9-134b
38.	T3L-6	Added note *. RAI 3.9-134b