

**ESBWR Certification**  
**Probabilistic Risk Assessment**  
**Section 15 Changes From Revision 1 to Revision 2**

	<b>Location</b>	<b>Description of Change</b>
1.	S15.1	Editorial changes. Changed two times SSE to 1.67 times SSE for seismic margin.
2.	S15.2	Editorial changes.
3.	S15.3.1	Editorial changes. Changed to single design envelope spectra and SSE to 0.5g instead of 0.3g.
4.	S15.3.2	Editorial changes.
5.	S15.3.3	Editorial changes.
6.	S15.3.4	Editorial changes. Proposed minimum component fragility 1.67*SSE.
7.	S15.3.5	Editorial changes.
8.	S15.4	Editorial changes.
9.	S15.4, 1 <sup>st</sup> para	Added reference to new Figures 15.3a and Figure 15-3b
10.	S15.4.1.1, 1 <sup>st</sup> and 3 <sup>rd</sup> para	Added reference to new Figures 15.3a and Figure 15-3b
11.	S15.4.1.2, 4 <sup>th</sup> para	Editorial changes.
12.	S15.4.1.2, 7 <sup>th</sup> para	Editorial changes.
13.	S15.4.1.2, 13 <sup>th</sup> and 14 <sup>th</sup> para	Added discussion on LOCA events in Figure 15-3b and Figure 15-17a
14.	S15.4.2	Editorial changes.
15.	S15.4.2.1, Mode 5	Updated discussion on Mode 5 to include Mode 5 Open
16.	S15.5	Added reference to new Figures 15.3a, Figure 15-3b, and Figure 15-17a
17.	S15.8	Updated references
18.	T15-1	Updated HCLPF values
19.	T15-2	Updated HCLPF values
20.	T15-3	Updated HCLPF values

	<b>Location</b>	<b>Description of Change</b>
21.	T15-4	Updated HCLPF values
22.	T15-5	Updated HCLPF values
23.	T15-6	Updated HCLPF values
24.	T15-7	Added I RWCU to table, updated HCLPF values
25.	T15-8	Updated Nodal HCLPF values
26.	T15-9	Updated HCLPF values
27.	T15-10a	Added new table to show HCLPF Derivation
28.	T15-10b	Changed title and content of table to link to Figure 15-17b. Updated HCLPF values
29.	F15-2	New figure. Incorporating single envelop design spectrum.
30.	F15-3a	Edited figure for Seismic Event Tree at full power
31.	F15-3b	Added new figure for Seismic Induced Break Outside Containment in RWCU Line at full power
32.	F15-17a	Edited event tree for Shutdown Mode 5 and Mode 5 Open
33.	F15-17b	Added new event tree for Shutdown Mode 5 and Mode 5 Open (Sensitivity)
34.	F15-18	Edited event tree for Shutdown Mode 6 Unflooded
35.	F15-19	Edited event tree for Shutdown Mode 6 Flooded
36.	F15-20	New figure. BOC in RWCU line fault tree (isolation failure)