

**NEDO-33201**  
**Section 13**  
**Changes from Revision 2 to Revision 3**

Formatting & editorial changes have been made to improve consistency and readability. These changes include changing fonts in tables, removing excess spacing, correcting punctuation, & spelling, and correcting grammar. Acronyms have been spelled out where appropriate.

<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
1.	TOC	TOC and related sections changed for consistency with other sections (12 Probabilistic Fire Analysis and 14 High Wind Risk Analysis)
2.	Global	Replaced “core damage frequency” with “CDF” and release frequency with “LRF”
3.	Global	Changed reference format from three numbered format to two numbered format.
4.	S13.1	Editorial changes for clarification and to enhance readability
5.	S13.2, 1 <sup>st</sup> through 5 <sup>th</sup> para.	Added 5 paragraphs to provide an overview; removed original 8 paragraphs
6.	S13.2, 1 <sup>st</sup> through 6 <sup>th</sup> para.	Removed from Section 13.2 2 <sup>nd</sup> through 7 <sup>th</sup> paragraphs and added to Section 13.4 as 1 <sup>st</sup> through 6 <sup>th</sup> paragraphs.
7.	S.13.2.1	Added section for assumptions for consistency with other sections.
8.	S13.2.1, 10 <sup>th</sup> para., 3 <sup>rd</sup> paren.	Revised to clarify the NEDO text.
9.	S13.2.1, 10 <sup>th</sup> para., 18 <sup>th</sup> paren.	Revised to provide additional detail.
10	S13.2.1, 10 <sup>th</sup> para., 20 <sup>th</sup> paren.	Revised to provide additional detail.
11	S13.2.1, 10 <sup>th</sup> para., 29 <sup>th</sup> through 32 <sup>nd</sup> paren.	Added to clarify the Internal Flooding methodology.
12	S13.2.1, 11 <sup>th</sup> through 13 <sup>th</sup> para.	Removed from this section and added as Section 13.6, 2 <sup>nd</sup> through 5 <sup>th</sup> paragraphs in Section 13.6.
13	S13.3	Section re-numbered from 13.2.1 to 13.3; title changed for clarify and consistency with methodology outlined in S13.2
14	S13.3, 1 <sup>st</sup> through 3 <sup>rd</sup> para.	Editorial changes for clarification and to enhance readability

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15	S13.3, 2 <sup>nd</sup> para.	Table numbering changed from 13.1 to 13.3-1
16	Table 13.3-1	Re-located table after Section 13.3 for consistency with other sections
17	S13.4	Added new section 13.4; title changed for clarify and consistency with methodology outlined in S13.2
18	S13.4, 1 <sup>st</sup> through 6 <sup>th</sup> para.	Added to this section and removed from Section 13.2 2 <sup>nd</sup> through 7 <sup>th</sup> paragraphs.
19	S13.4, 7 <sup>th</sup> & 8 <sup>th</sup> para.	Added to provide reference to new Tables 13.4-1, 13.4-2, and 13.4-3.
20	T13.4-1	Added to provide additional details to support screening and propagation
21	T13.4-2	Added to provide additional details to support flood mitigation features
22	T13.4-3	Changed “Table 13-10” to “Table 13.4-3”, Renamed table.
23	S13.5	Section re-numbered from 13.2.2 to 13.5
24	S13.5, 1 <sup>st</sup> & 2 <sup>nd</sup> para.	Additional details added to provide clarification to failure data.
25	S13.5, 3 <sup>rd</sup>	Removed paragraph
26	S13.5.1	Re-numbered section from 13.2.2.1 to 13.5.1
27	S13.5.2	Re-numbered section from 13.2.2.2 to 13.5.2
28	S13.5.2	Textual description of initiating event calculations converted to tabular
29	T13.5-1	Relocated table 13.5-1; changed “Table 13-2” to “Table 13.5-1”.
30	S13.6	Re-numbered section from 13.2.3 to 13.6
31	S 13.6, 2 <sup>nd</sup> through 5 <sup>th</sup> para.	Added to this section and removed from Section 13.2.1 11 <sup>th</sup> through 13 <sup>th</sup> paragraphs.
32	S13.6.1	Re-numbered section from 13.2.3.1 to 13.6.1
33	S13.6.1, 2 <sup>nd</sup> through 4 <sup>th</sup> para.	Added detail to provide clarification to the development of flooding scenarios.

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<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
34	S13.6.2	Re-numbered section from 13.2.3.2 to 13.6.2
35	S13.6.2, 2 <sup>nd</sup> & 3 <sup>rd</sup> para.	Added detail to provide clarification to the development of flooding scenarios.
36	T13.6-1	Relocated table 13.6-1; changed “Table 13-3” to “Table 13.6-1”.
37	T13.6-2	Relocated table 13.6-2; changed “Table 13-5” to “Table 13.6-2”.
38	S13.7	Re-numbered section from 13.3 to 13.7
39	S13.7, 2 <sup>nd</sup> para.	Changed table reference from 13-3 to 13.6-1, 13-4 to 13.7-1 and 13-5 to 13.6-2.
40	S13.7, 4 <sup>th</sup> para.	Changed table reference from 13-3 to 13.7-2 and 13-7 to 13.7-3.
41	S13.7, 5 <sup>th</sup> para.	Changed table reference from 13-8 to 13.7-4 and 13-9 to 13.7-5.
42	T13.7-1	Relocated table 13.7-1; changed “Table 13-4” to “Table 13.7-1”, Renamed table.
43	T13.7-2	Relocated table 13.7-2; changed “Table 13-6” to “Table 13.7-2”, Renamed table.
44	T13.7-3	Relocated table 13.7-3; changed “Table 13-7” to “Table 13.7-3”, Renamed table.
45	T13.7-4	Relocated table 13.7-4; changed “Table 13-8” to “Table 13.7-4”, Renamed table.
46	T13.7-5	Relocated table 13.7-5; changed “Table 13-9” to “Table 13.7-5”, Renamed table.
47	S13.8	Renamed and renumbered Section 13.7-1
48	S13.9	Editorial changes to enhance readability
49	S13.10	Reference changed from a two number identification to a three number identification